

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF072318\  
 Data File : VF059612.D  
 Acq On : 23 Jul 2018 13:51  
 Operator : VA/AP  
 Sample : VSTDIC020  
 Misc : 5.00µ/5mL/MSVOA F/SOIL  
 ALS Vial : 83 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDIC020

Manual Integrations  
 APPROVED

apatel  
 7/24/2018 1:13:32 PM

Quant Time: Jul 23 14:57:59 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F072318S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 23 14:54:57 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.03  | 168  | 227033   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.76  | 114  | 309097   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.91  | 117  | 317004   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.63 | 152  | 201541   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |       |
|---------------------------|--------|-----|----------|-------|--------|-------|
| 33) 1,2-Dichloroethane-d4 | 5.01   | 65  | 66151    | 18.43 | ug/l   | 0.00  |
| Spiked Amount             | 50.000 |     | Recovery | =     | 36.86% |       |
| 35) Dibromofluoromethane  | 4.28   | 113 | 60349    | 22.23 | ug/l   | 0.00  |
| Spiked Amount             | 50.000 |     | Recovery | =     | 44.46% |       |
| 50) Toluene-d8            | 7.70   | 98  | 151320   | 22.58 | ug/l   | -0.01 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 45.16% |       |
| 62) 4-Bromofluorobenzene  | 11.50  | 95  | 104398   | 28.43 | ug/l   | -0.01 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 56.86% |       |

## Target Compounds

|                               |      |     |        |        |        | Qvalue |
|-------------------------------|------|-----|--------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 0.98 | 85  | 59325  | 20.74  | ug/l   | 99     |
| 3) Chloromethane              | 1.08 | 50  | 28168  | 20.10  | ug/l   | 95     |
| 4) Vinyl Chloride             | 1.14 | 62  | 30333  | 20.04  | ug/l # | 79     |
| 5) Bromomethane               | 1.34 | 94  | 26880  | 22.04  | ug/l   | 99     |
| 6) Chloroethane               | 1.43 | 64  | 18894  | 21.92  | ug/l # | 84     |
| 7) Trichlorofluoromethane     | 1.48 | 101 | 82711m | 22.94  | ug/l   |        |
| 8) Diethyl Ether              | 1.70 | 74  | 12632  | 19.27  | ug/l   | 82     |
| 9) 1,1,2-Trichlorotrifluoroet | 1.89 | 101 | 42825  | 22.80  | ug/l # | 89     |
| 10) Methyl Iodide             | 1.96 | 142 | 69832m | 21.99  | ug/l   |        |
| 11) Tert butyl alcohol        | 2.69 | 59  | 14574  | 94.12  | ug/l # | 94     |
| 12) 1,1-Dichloroethene        | 1.85 | 96  | 33306  | 20.02  | ug/l   | 94     |
| 13) Acrolein                  | 2.09 | 56  | 5625   | 76.74  | ug/l   | 84     |
| 14) Allyl chloride            | 2.19 | 41  | 61847  | 24.35  | ug/l   | 89     |
| 15) Acrylonitrile             | 3.06 | 53  | 22782  | 86.52  | ug/l   | 88     |
| 16) Acetone                   | 2.33 | 43  | 62976  | 104.60 | ug/l   | 99     |
| 17) Carbon Disulfide          | 1.86 | 76  | 91608m | 23.70  | ug/l   |        |
| 18) Methyl Acetate            | 2.44 | 43  | 17421  | 14.71  | ug/l # | 92     |
| 19) Methyl tert-butyl Ether   | 2.53 | 73  | 93121  | 18.64  | ug/l   | 100    |
| 20) Methylene Chloride        | 2.27 | 84  | 35717  | 18.88  | ug/l # | 79     |
| 21) trans-1,2-Dichloroethene  | 2.40 | 96  | 33686  | 20.28  | ug/l   | 95     |
| 22) Diisopropyl ether         | 2.92 | 45  | 107393 | 18.72  | ug/l # | 97     |
| 23) Vinyl Acetate             | 3.33 | 43  | 273682 | 89.33  | ug/l   | 98     |
| 24) 1,1-Dichloroethane        | 2.99 | 63  | 80863  | 21.51  | ug/l   | 99     |
| 25) 2-Butanone                | 4.50 | 43  | 63011  | 87.86  | ug/l # | 90     |
| 26) 2,2-Dichloropropane       | 3.75 | 77  | 68314  | 24.36  | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene    | 3.62 | 96  | 39893  | 21.59  | ug/l   | 92     |
| 28) Bromochloromethane        | 3.88 | 49  | 29143  | 19.35  | ug/l   | 98     |
| 29) Tetrahydrofuran           | 4.25 | 42  | 27294  | 88.47  | ug/l   | 95     |
| 30) Chloroform                | 4.03 | 83  | 111354 | 21.02  | ug/l   | 96     |
| 31) Cyclohexane               | 3.85 | 56  | 45353  | 21.76  | ug/l # | 87     |
| 32) 1,1,1-Trichloroethane     | 4.27 | 97  | 102370 | 24.44  | ug/l   | 95     |
| 36) 1,1-Dichloropropene       | 4.45 | 75  | 70332  | 22.59  | ug/l # | 91     |
| 37) Ethyl Acetate             | 4.28 | 43  | 30341  | 20.46  | ug/l   | 98     |
| 38) Carbon Tetrachloride      | 4.17 | 117 | 106804 | 24.33  | ug/l   | 96     |

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 Sample : VSTDIC020  
 Misc : 5.00µ/5mL/MSVOA F/SOIL  
 ALS Vial : 83 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleID :  
 VSTDIC020

Manual Integrations  
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 7/24/2018 1:13:32 PM

Quant Time: Jul 23 14:57:59 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F072318S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 23 14:54:57 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 5.62  | 83   | 59342    | 24.32  | ug/l   | 95       |
| 40) Benzene                    | 4.81  | 78   | 127142   | 21.82  | ug/l   | 100      |
| 41) Methacrylonitrile          | 4.92  | 41   | 12453    | 16.31  | ug/l # | 81       |
| 42) 1,2-Dichloroethane         | 5.11  | 62   | 82729    | 20.78  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 7.10  | 43   | 32500    | 16.94  | ug/l # | 93       |
| 44) Trichloroethene            | 5.66  | 130  | 49316    | 22.30  | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 6.39  | 63   | 33217    | 20.51  | ug/l   | 91       |
| 46) Dibromomethane             | 6.25  | 93   | 28102    | 20.34  | ug/l   | 92       |
| 47) Bromodichloromethane       | 6.54  | 83   | 83475    | 21.09  | ug/l # | 97       |
| 48) Methyl methacrylate        | 6.87  | 41   | 23260    | 16.59  | ug/l   | 94       |
| 49) 1,4-Dioxane                | 6.88  | 88   | 2977     | 380.23 | ug/l # | 90       |
| 51) 4-Methyl-2-Pentanone       | 8.40  | 43   | 123787   | 92.86  | ug/l   | 95       |
| 52) Toluene                    | 7.77  | 92   | 98227    | 22.52  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 8.43  | 75   | 72392    | 21.33  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 7.45  | 75   | 68359    | 19.93  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 8.63  | 97   | 30197    | 18.75  | ug/l   | 91       |
| 56) Ethyl methacrylate         | 8.75  | 69   | 33191    | 17.74  | ug/l   | 85       |
| 57) 1,3-Dichloropropane        | 9.00  | 76   | 56613    | 20.36  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether  | 7.77  | 63   | 22509    | 121.47 | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.63  | 43   | 99171    | 93.34  | ug/l   | 99       |
| 60) Dibromochloromethane       | 8.86  | 129  | 55199    | 20.00  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.13  | 107  | 36761    | 19.41  | ug/l   | 92       |
| 64) Tetrachloroethene          | 8.30  | 164  | 50963    | 21.08  | ug/l   | 91       |
| 65) Chlorobenzene              | 9.93  | 112  | 123052   | 20.45  | ug/l   | 93       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.06 | 131  | 54756    | 20.04  | ug/l   | 95       |
| 67) Ethyl Benzene              | 10.03 | 91   | 228817   | 21.35  | ug/l   | 97       |
| 68) m/p-Xylenes                | 10.26 | 106  | 160211   | 43.68  | ug/l   | 93       |
| 69) o-Xylene                   | 10.82 | 106  | 83064    | 20.57  | ug/l   | 96       |
| 70) Styrene                    | 10.90 | 104  | 126410   | 21.05  | ug/l   | 97       |
| 71) Bromoform                  | 10.89 | 173  | 33710    | 18.60  | ug/l   | 95       |
| 73) Isopropylbenzene           | 11.22 | 105  | 280797   | 21.73  | ug/l   | 100      |
| 74) N-amyl acetate             | 11.46 | 43   | 56319    | 16.33  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.79 | 83   | 43743    | 17.81  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 11.88 | 75   | 38701    | 18.49  | ug/l   | 93       |
| 77) Bromobenzene               | 11.59 | 156  | 68946    | 19.72  | ug/l   | 90       |
| 78) n-propylbenzene            | 11.69 | 91   | 330144   | 21.56  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.81 | 91   | 192504   | 20.73  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 11.90 | 105  | 249797   | 22.07  | ug/l   | 94       |
| 81) trans-1,4-Dichloro-2-buten | 11.95 | 75   | 15879m   | 14.77  | ug/l   |          |
| 82) 4-Chlorotoluene            | 11.98 | 91   | 216746   | 20.93  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 12.21 | 119  | 238685   | 21.52  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 12.29 | 105  | 242729   | 20.92  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 12.39 | 105  | 310447   | 22.13  | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 12.54 | 119  | 287424   | 23.52  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene        | 12.56 | 146  | 134995   | 21.33  | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene        | 12.64 | 146  | 126911   | 20.89  | ug/l   | 100      |
| 89) n-Butylbenzene             | 12.92 | 91   | 273296   | 23.64  | ug/l   | 98       |
| 90) Hexachloroethane           | 12.99 | 117  | 66745    | 22.41  | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene        | 13.02 | 146  | 125747   | 21.05  | ug/l   | 94       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.71 | 75   | 10034    | 16.62  | ug/l   | 82       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF072318\  
Data File : VF059612.D  
Acq On : 23 Jul 2018 13:51  
Operator : VA/AP  
Sample : VSTDICC020  
Misc : 5.00µ/5mL/MSVOA F/SOIL  
ALS Vial : 83 Sample Multiplier: 1

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDICC020

Manual Integrations  
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Quant Time: Jul 23 14:57:59 2018  
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Quant Title : SW846 8260  
QLast Update : Mon Jul 23 14:54:57 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.26 | 180  | 93871    | 22.75 | ug/l  | 96       |
| 94) Hexachlorobutadiene    | 14.25 | 225  | 66377    | 26.41 | ug/l  | 95       |
| 95) Naphthalene            | 14.52 | 128  | 143124   | 19.18 | ug/l  | 96       |
| 96) 1,2,3-Trichlorobenzene | 14.66 | 180  | 84492    | 22.66 | ug/l  | 95       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

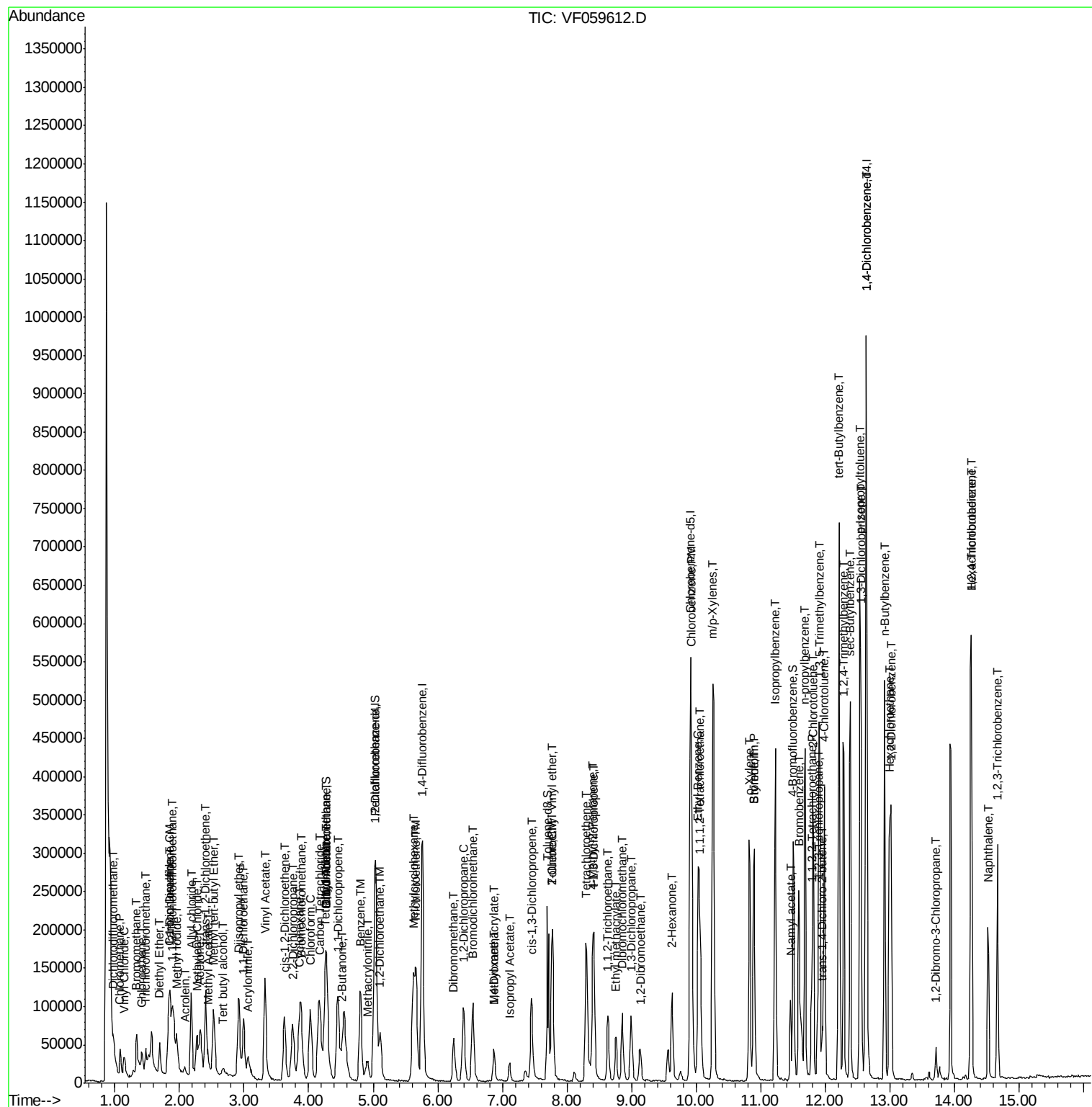
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Data File : VF059612.D  
Acq On : 23 Jul 2018 13:51  
Operator : VA/AP  
Sample : VSTDIC020  
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ALS Vial : 83 Sample Multiplier: 1

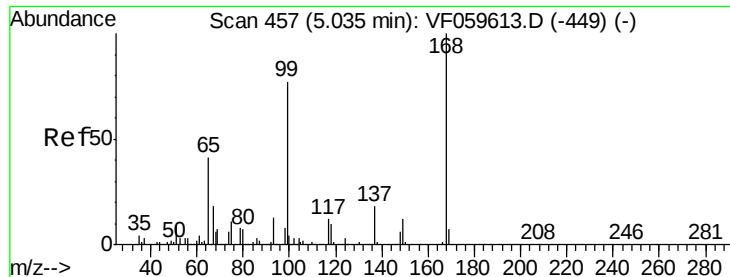
Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC020

Manual Integrations  
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7/24/2018 1:13:32 PM

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_F\METHODS\82F072318S.M  
Quant Title : SW846 8260  
QLast Update : Mon Jul 23 14:54:57 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 457

Delta R.T. -0.00 min

Lab File: VF059612.D

Acq: 23 Jul 2018 13:51

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC020

Tot Ion:168 Resp: 227033

Ion Ratio Lower Upper

168 100

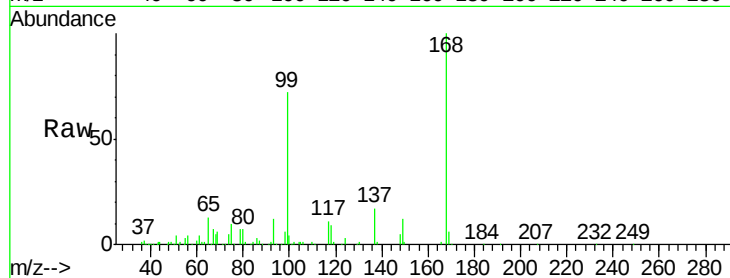
99 71.8 61.5 92.3

Manual Integrations

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

80000

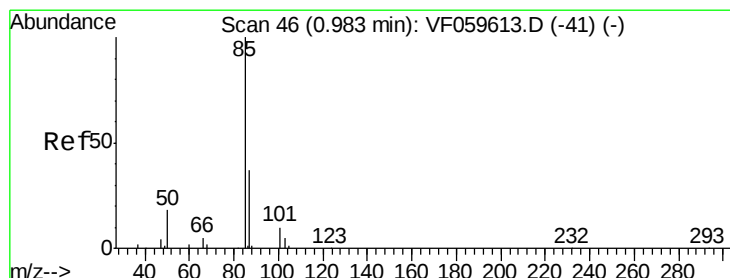
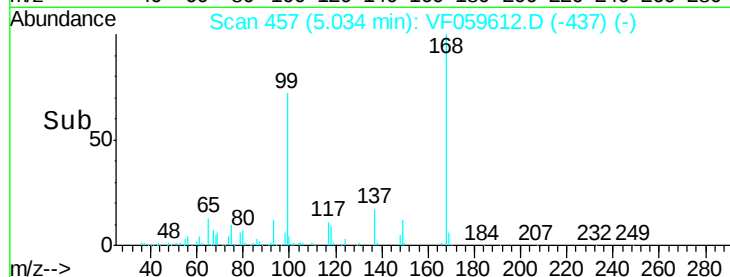
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.74 ug/l

RT: 0.98 min Scan# 46

Delta R.T. -0.00 min

Lab File: VF059612.D

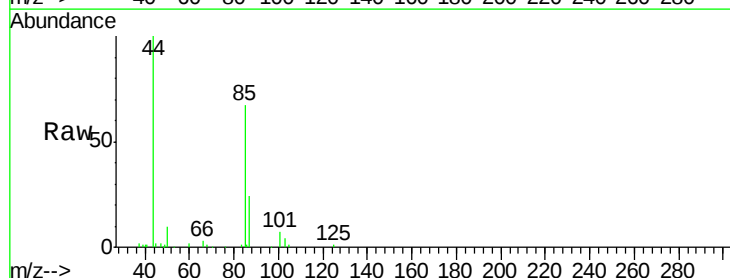
Acq: 23 Jul 2018 13:51

Tgt Ion: 85 Resp: 59325

Ion Ratio Lower Upper

85 100

87 36.2 18.3 54.9



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

20000

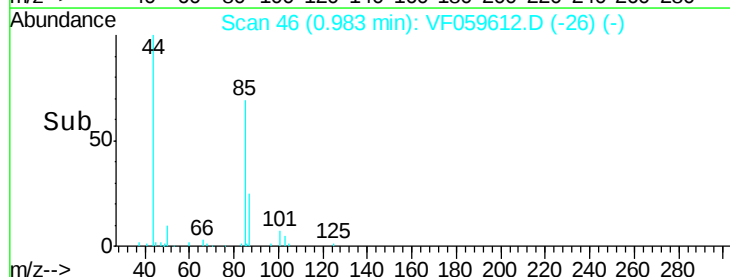
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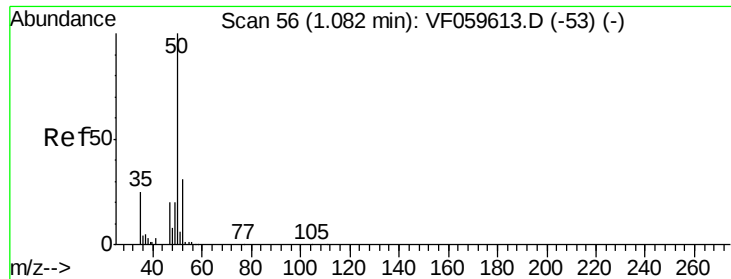
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5000

0

Time-->





#3

Chloromethane

Concen: 20.10 ug/l

RT: 1.08 min Scan# 56

Delta R.T. -0.00 min

Lab File: VF059612.D

Acq: 23 Jul 2018 13:51

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC020

Tot Ion: 50 Resp: 28168

Ion Ratio Lower Upper

50 100

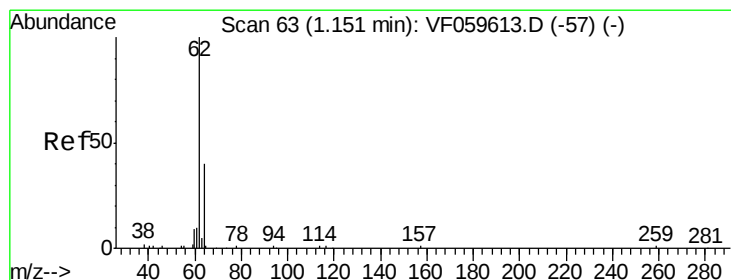
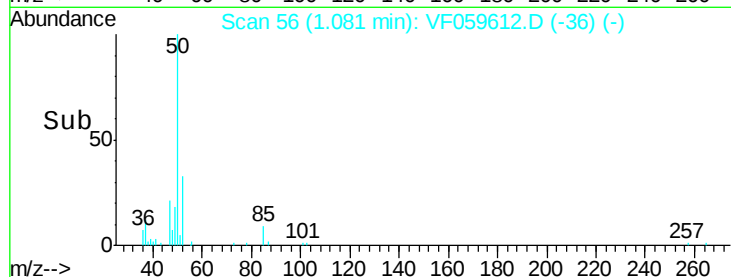
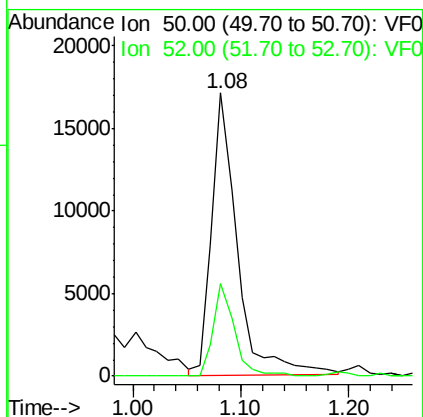
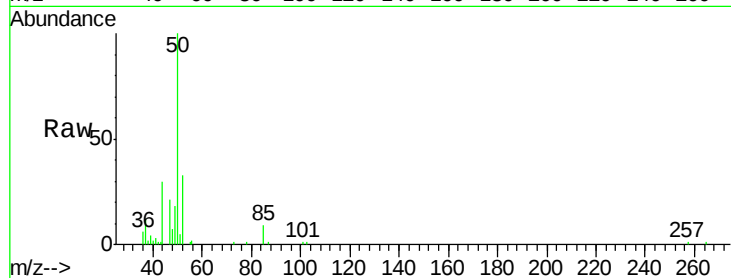
52 32.5 23.7 35.5

Manual Integrations

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7/24/2018 1:13:32 PM



#4

Vinyl Chloride

Concen: 20.04 ug/l

RT: 1.14 min Scan# 62

Delta R.T. -0.01 min

Lab File: VF059612.D

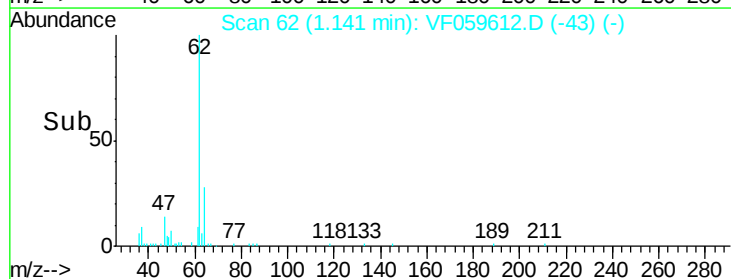
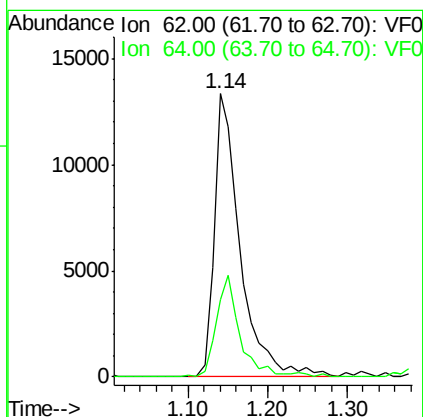
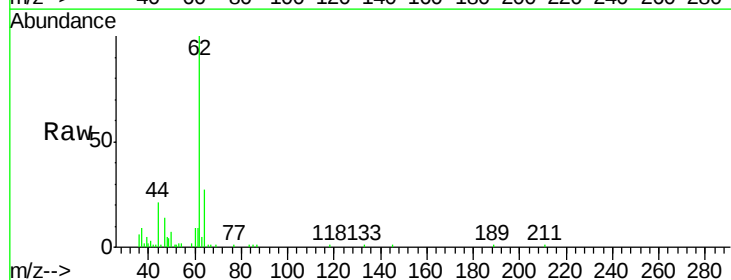
Acq: 23 Jul 2018 13:51

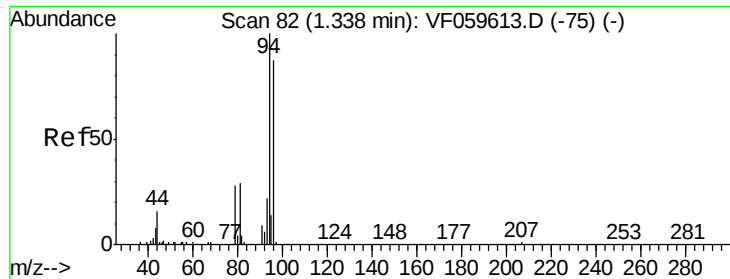
Tgt Ion: 62 Resp: 30333

Ion Ratio Lower Upper

62 100

64 27.4 32.2 48.4#





#5

Bromomethane

Concen: 22.04 ug/l

RT: 1.34 min Scan# 82

Delta R.T. -0.00 min

Lab File: VF059612.D

Acq: 23 Jul 2018 13:51

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC020

Tot Ion: 94 Resp: 26880

Ion Ratio Lower Upper

94 100

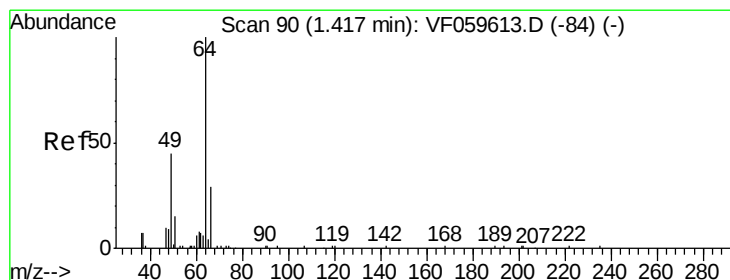
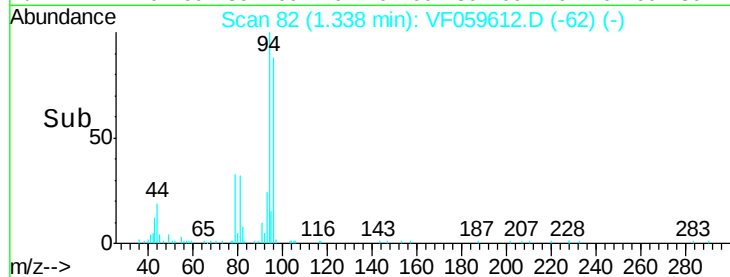
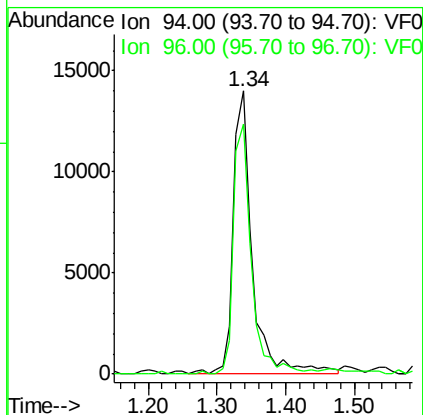
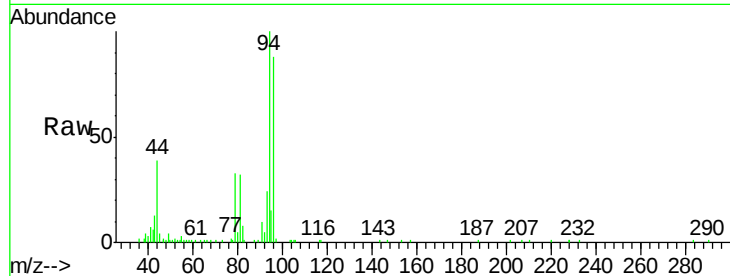
96 88.3 69.8 104.8

Manual Integrations

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#6

Chloroethane

Concen: 21.92 ug/l

RT: 1.43 min Scan# 91

Delta R.T. 0.01 min

Lab File: VF059612.D

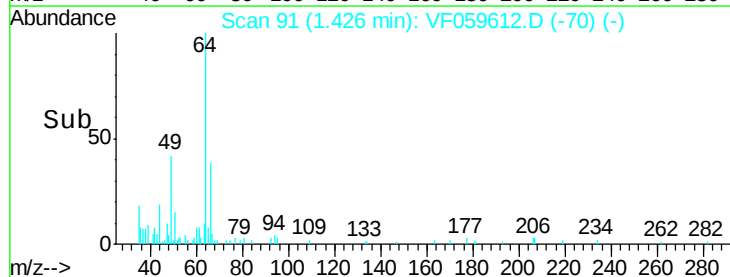
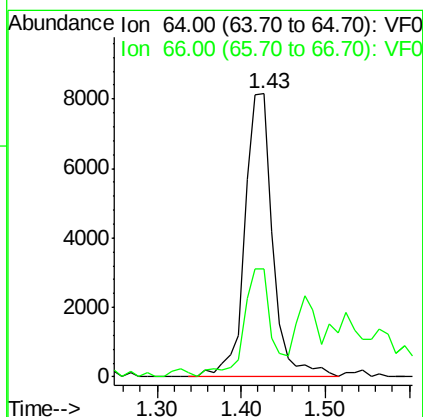
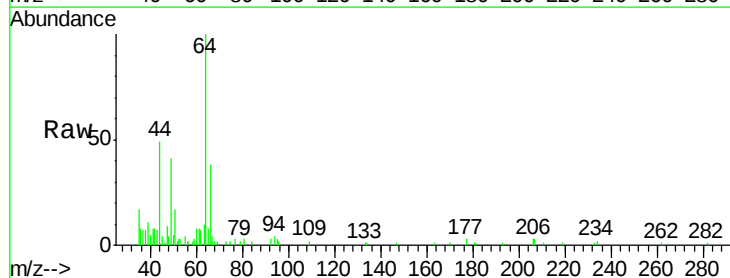
Acq: 23 Jul 2018 13:51

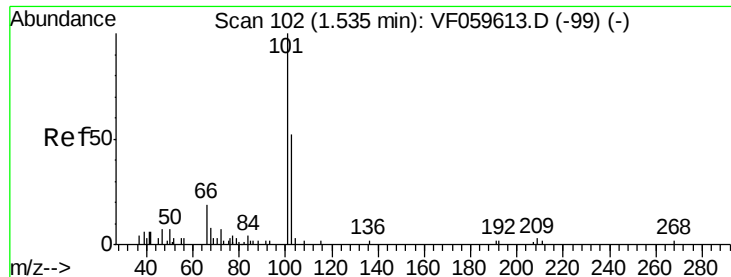
Tgt Ion: 64 Resp: 18894

Ion Ratio Lower Upper

64 100

66 38.1 23.7 35.5#





#7

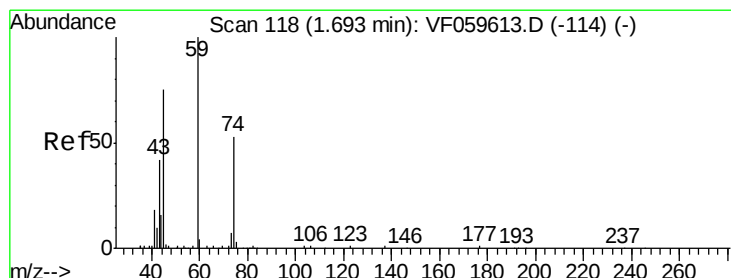
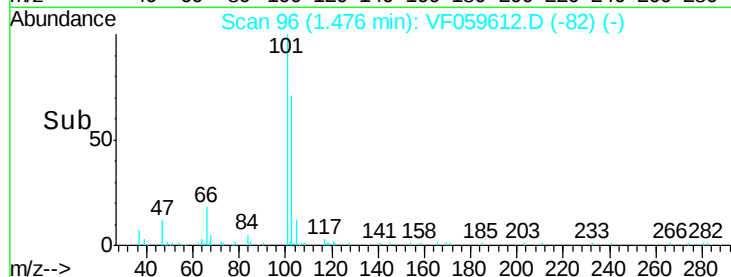
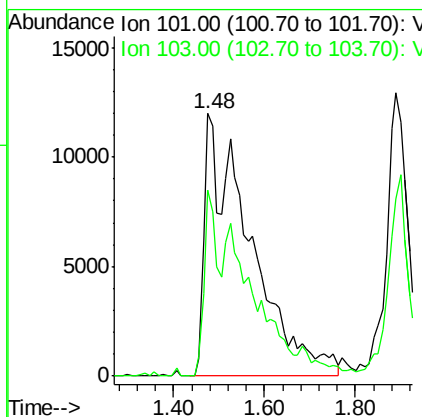
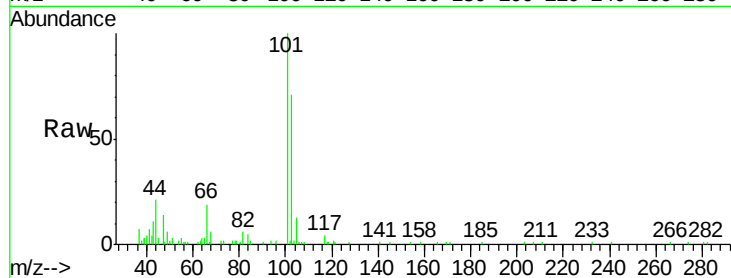
Trichlorofluoromethane  
 Concen: 22.94 ug/l m  
 RT: 1.48 min Scan# 96  
 Delta R.T. -0.06 min  
 Lab File: VF059612.D  
 Acq: 23 Jul 2018 13:51

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDIC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 70.7  | 48.2  | 72.4  |

Manual Integrations  
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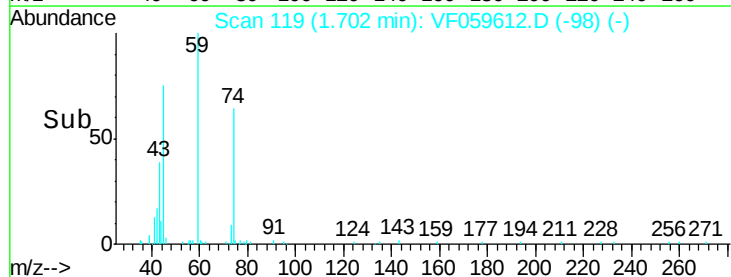
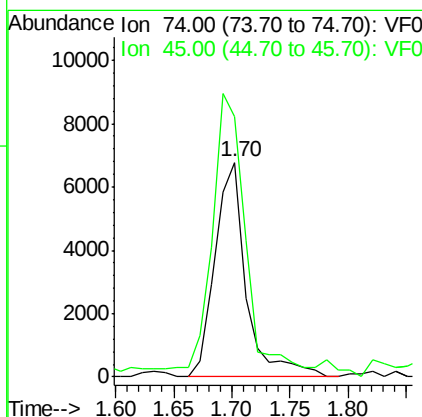
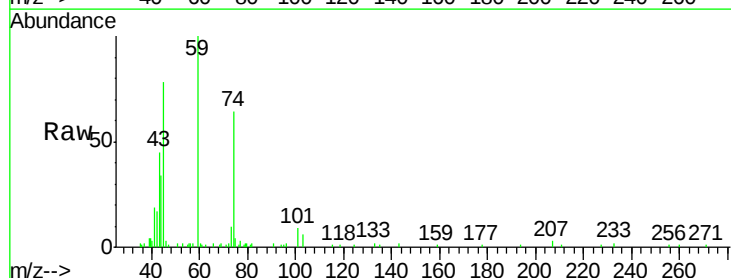
apatel  
 7/24/2018 1:13:32 PM

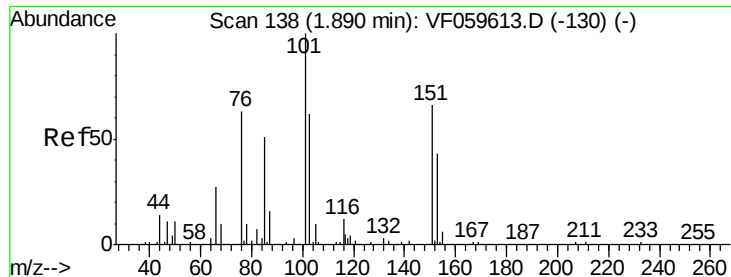


#8

Diethyl Ether  
 Concen: 19.27 ug/l  
 RT: 1.70 min Scan# 119  
 Delta R.T. 0.01 min  
 Lab File: VF059612.D  
 Acq: 23 Jul 2018 13:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 121.2 | 72.0  | 215.9 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.80 ug/l

RT: 1.89 min Scan# 138

Delta R.T. -0.00 min

Lab File: VF059612.D

Acq: 23 Jul 2018 13:51

Instrument :

MSVOA\_F

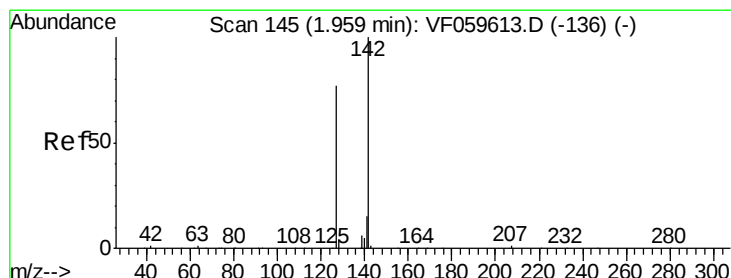
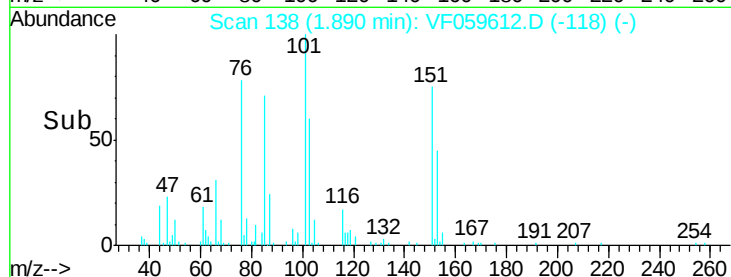
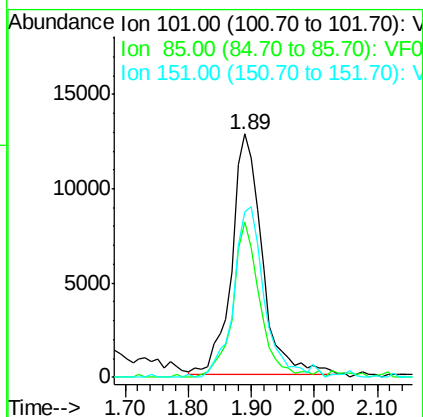
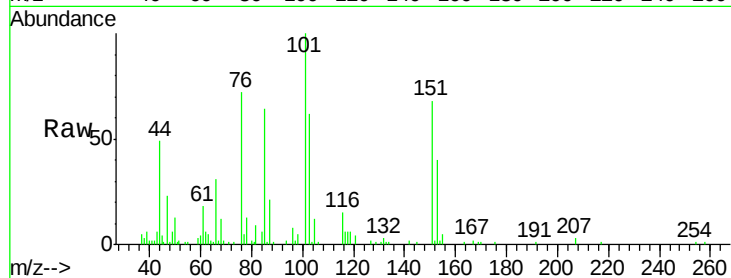
ClientSampleId :

VSTDIC020

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 42825 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 63.8  | 40.2  | 60.2# |
| 151       | 67.8  | 51.4  | 77.2  |

Manual Integrations  
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apatel  
7/24/2018 1:13:32 PM



#10

Methyl Iodide

Concen: 21.99 ug/l m

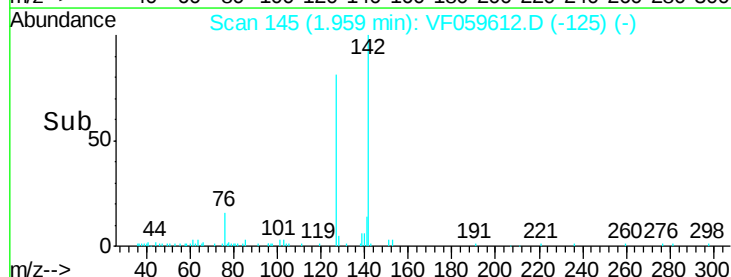
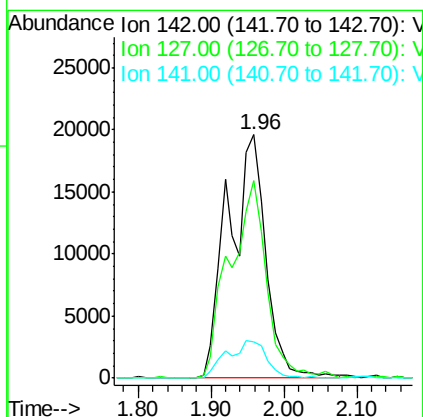
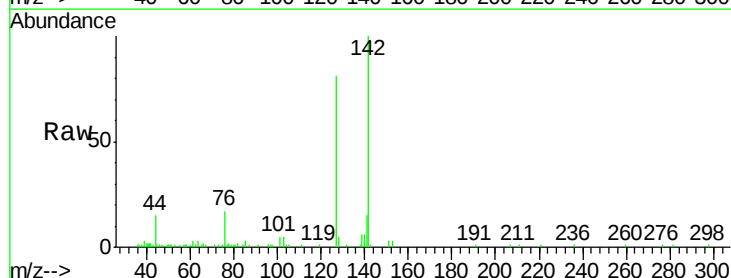
RT: 1.96 min Scan# 145

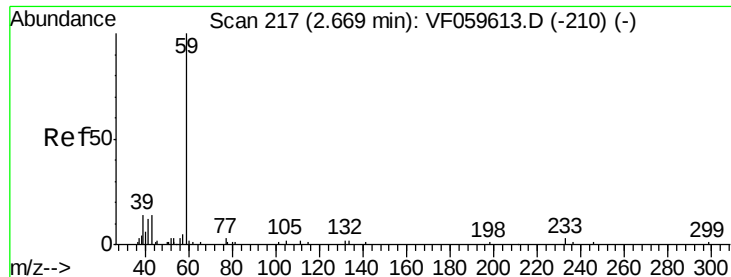
Delta R.T. -0.00 min

Lab File: VF059612.D

Acq: 23 Jul 2018 13:51

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 69832 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 81.3  | 61.2  | 91.8  |
| 141       | 14.9  | 12.0  | 18.0  |





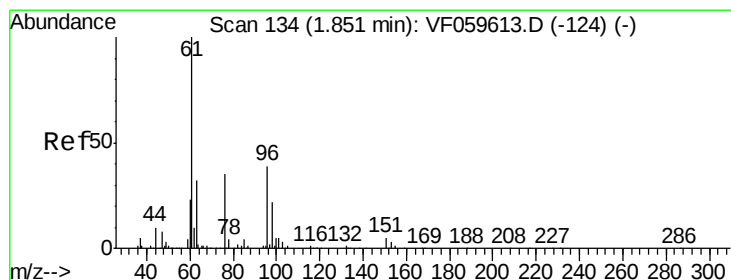
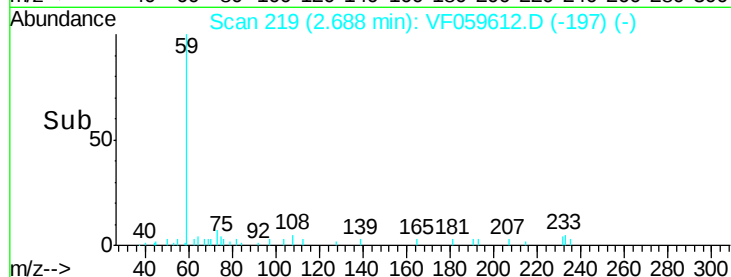
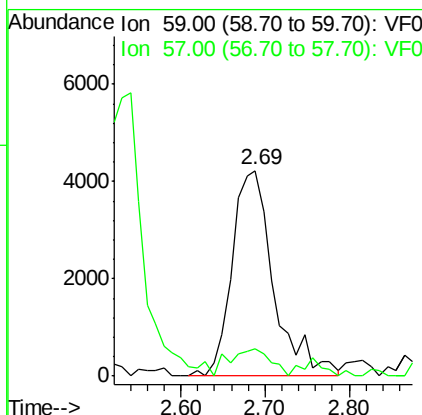
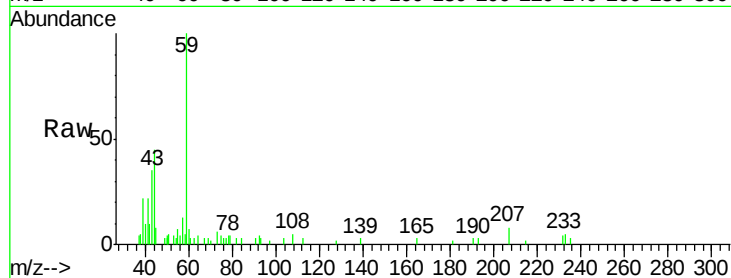
#11  
Tert butyl alcohol  
Concen: 94.12 ug/l  
RT: 2.69 min Scan# 219  
Delta R.T. 0.02 min  
Lab File: VF059612.D  
Acq: 23 Jul 2018 13:51

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC020

| Tot Ion | 59 | 57 | Ratio | 100 | 13.1 | Resp | 14574 | Lower | 8.6 | Upper | 12.8# |
|---------|----|----|-------|-----|------|------|-------|-------|-----|-------|-------|
|         |    |    |       |     |      |      |       |       |     |       |       |

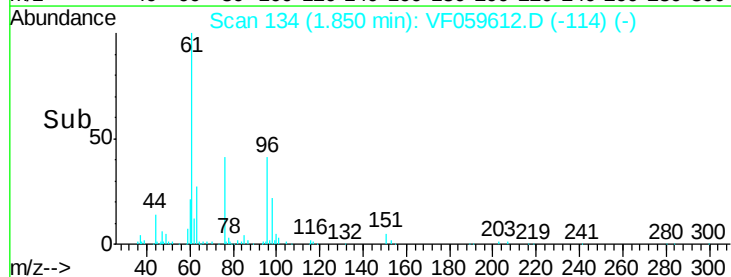
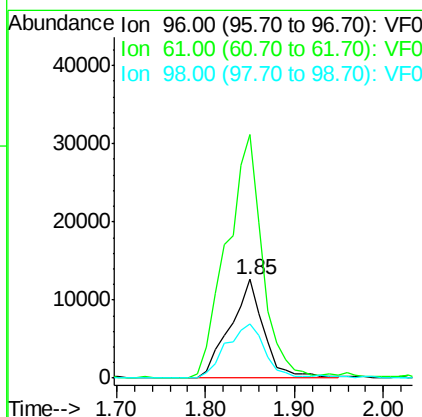
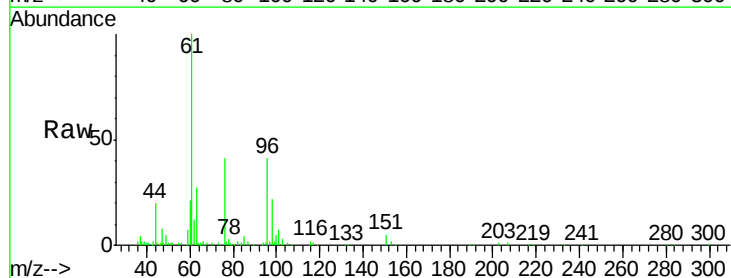
Manual Integrations  
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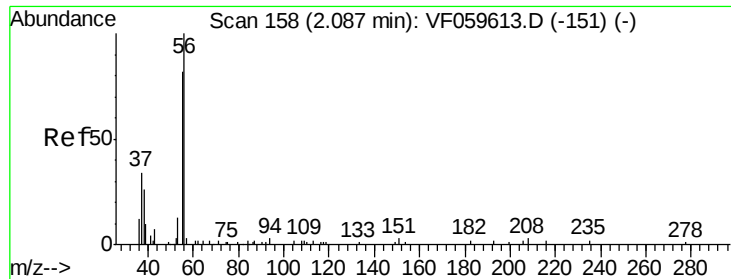
apatel  
7/24/2018 1:13:32 PM



#12  
1,1-Dichloroethene  
Concen: 20.02 ug/l  
RT: 1.85 min Scan# 134  
Delta R.T. -0.00 min  
Lab File: VF059612.D  
Acq: 23 Jul 2018 13:51

| Tgt Ion | 96 | 61 | 98 | Ratio | 100 | 246.6 | 54.3 | Resp | 33306 | Lower | 207.2 | 45.5 | Upper | 310.8 | 68.3 |
|---------|----|----|----|-------|-----|-------|------|------|-------|-------|-------|------|-------|-------|------|
|         |    |    |    |       |     |       |      |      |       |       |       |      |       |       |      |





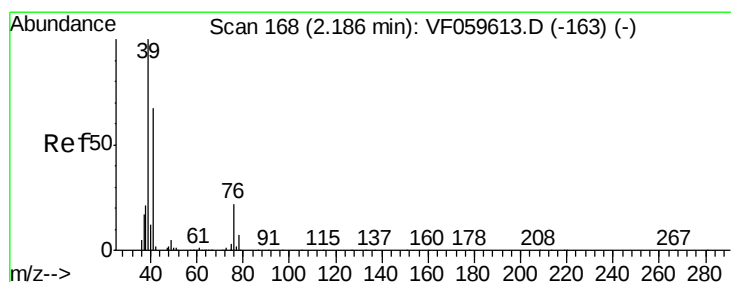
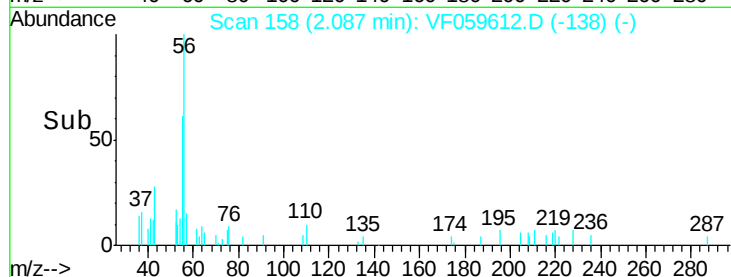
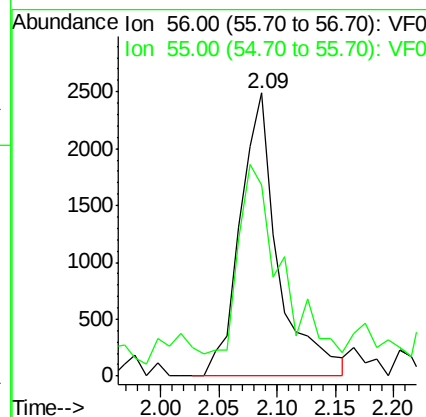
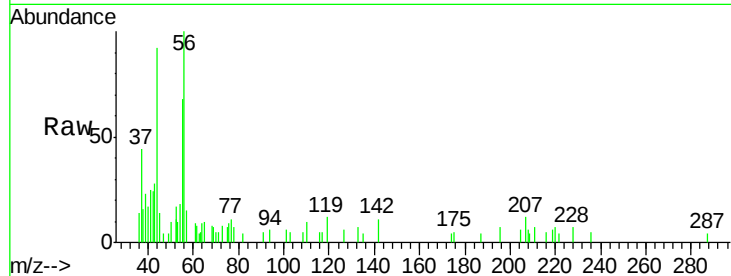
#13  
Acrolein  
Concen: 76.74 ug/l  
RT: 2.09 min Scan# 158  
Delta R.T. -0.00 min  
Lab File: VF059612.D  
Acq: 23 Jul 2018 13:51

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 55      | 67.6  | 65.6  | 98.4  |

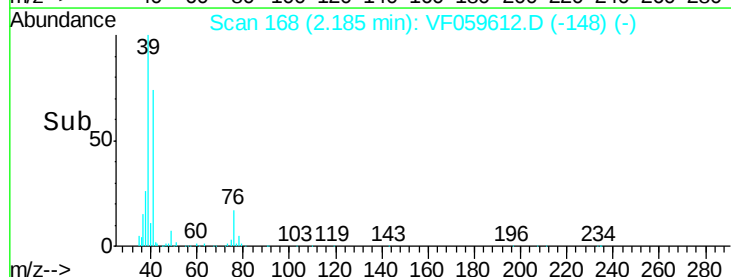
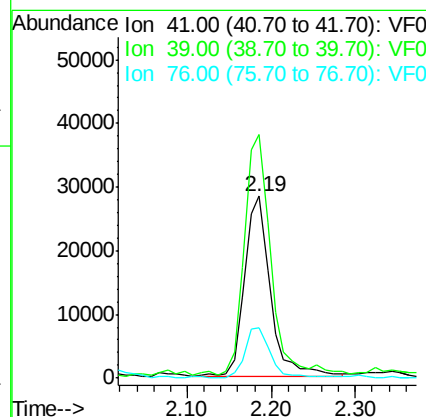
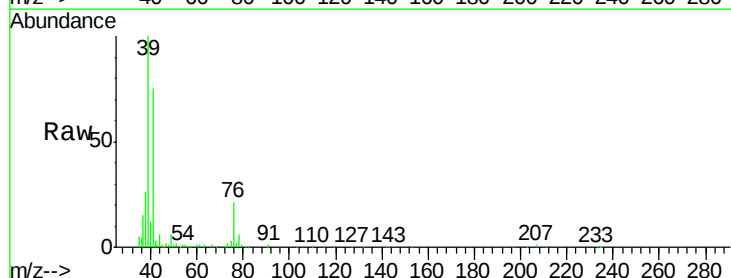
Manual Integrations  
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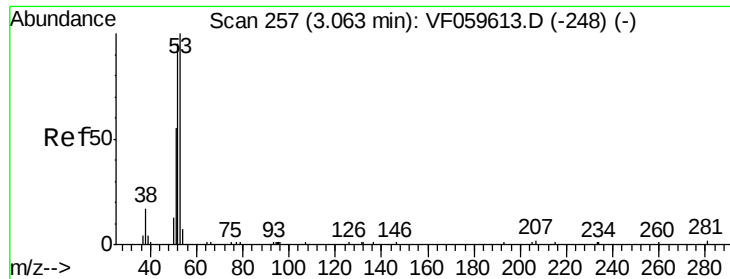
apatel  
7/24/2018 1:13:32 PM



#14  
Allyl chloride  
Concen: 24.35 ug/l  
RT: 2.19 min Scan# 168  
Delta R.T. -0.00 min  
Lab File: VF059612.D  
Acq: 23 Jul 2018 13:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 134.0 | 119.0 | 178.4 |
| 76      | 27.6  | 26.3  | 39.5  |





#15

Acrylonitrile

Concen: 86.52 ug/l

RT: 3.06 min Scan# 257

Delta R.T. -0.00 min

Lab File: VF059612.D

Acq: 23 Jul 2018 13:51

Instrument :

MSVOA\_F

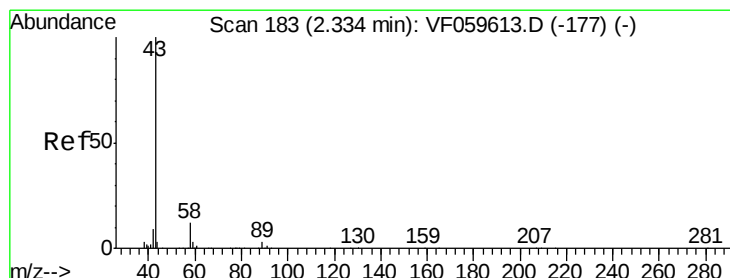
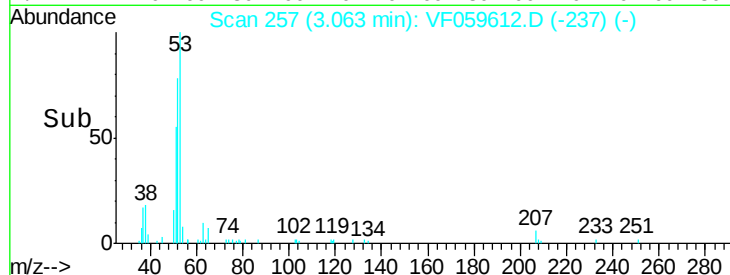
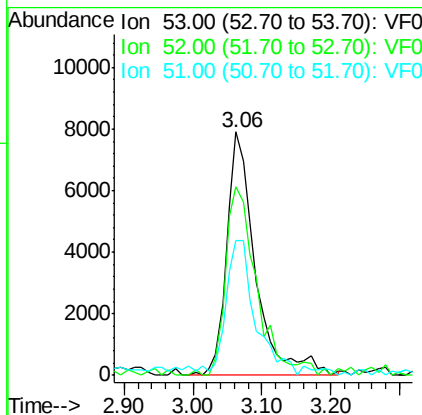
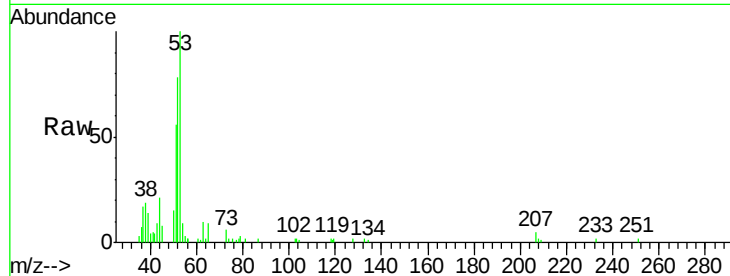
ClientSampleId :

VSTDIC020

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 22782 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 77.5  | 76.2  | 114.2 |
| 51       | 55.6  | 45.8  | 68.8  |

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#16

Acetone

Concen: 104.60 ug/l

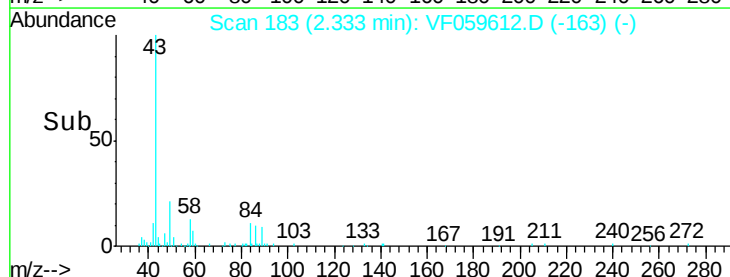
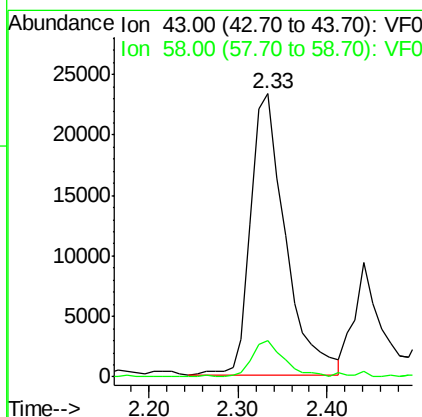
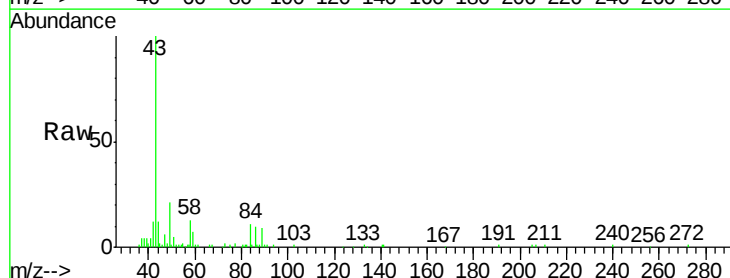
RT: 2.33 min Scan# 183

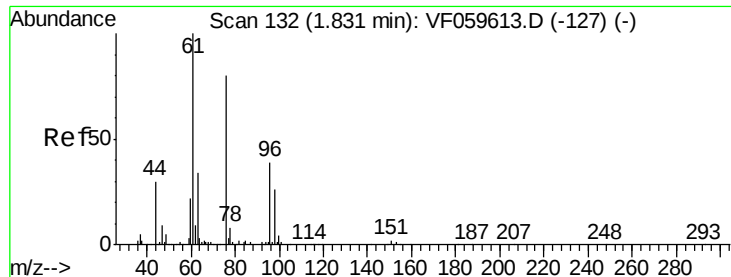
Delta R.T. -0.00 min

Lab File: VF059612.D

Acq: 23 Jul 2018 13:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 62976 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 12.7  | 9.8   | 14.8  |





#17

Carbon Disulfide

Concen: 23.70 ug/l m

RT: 1.86 min Scan# 135

Delta R.T. 0.03 min

Lab File: VF059612.D

Acq: 23 Jul 2018 13:51

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC020

Tot Ion: 76 Resp: 91608

Ion Ratio Lower Upper

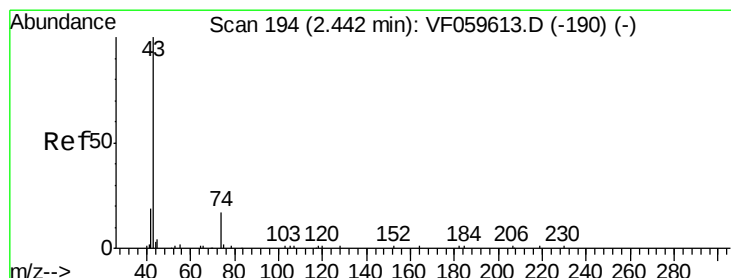
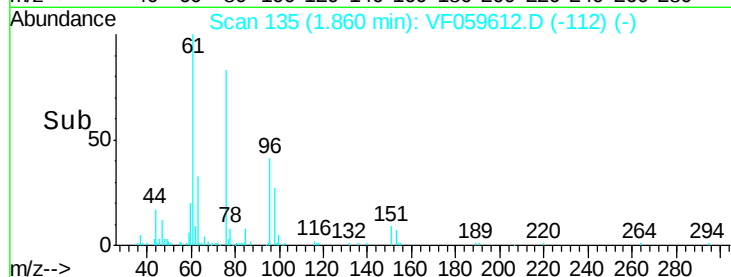
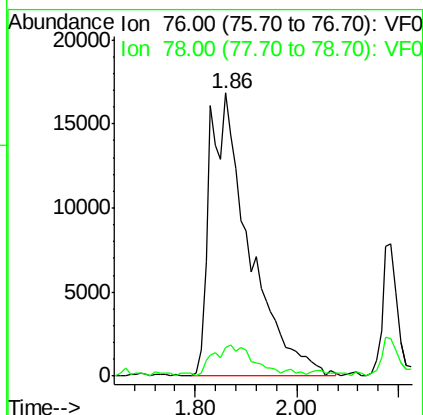
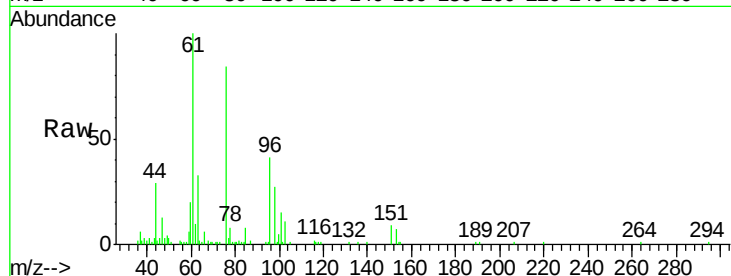
76 100

78 10.1 7.7 11.5

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#18

Methyl Acetate

Concen: 14.71 ug/l

RT: 2.44 min Scan# 194

Delta R.T. -0.00 min

Lab File: VF059612.D

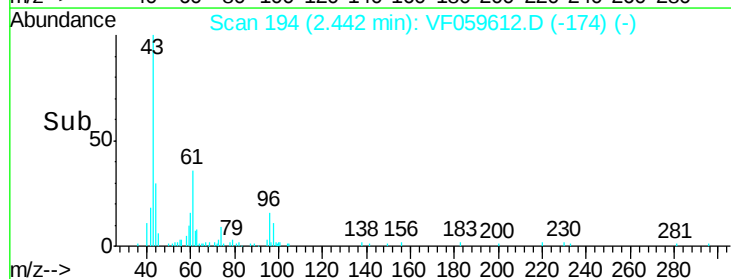
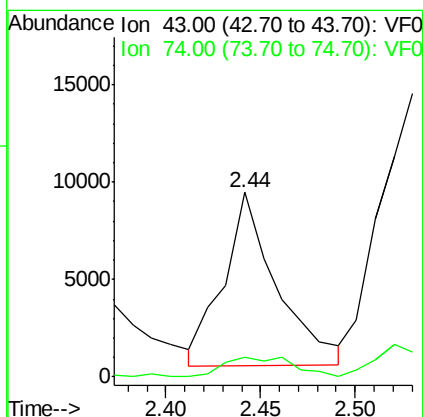
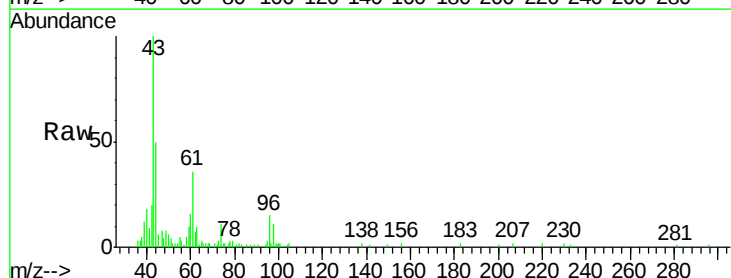
Acq: 23 Jul 2018 13:51

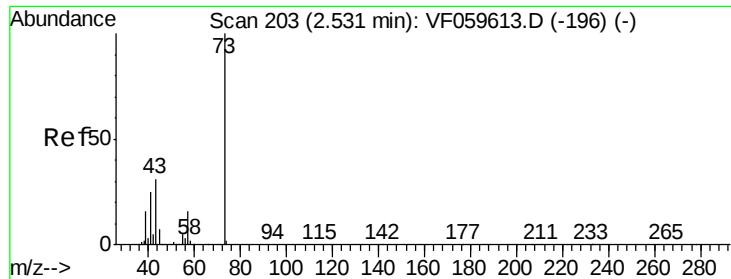
Tgt Ion: 43 Resp: 17421

Ion Ratio Lower Upper

43 100

74 10.8 11.4 17.0#





#19

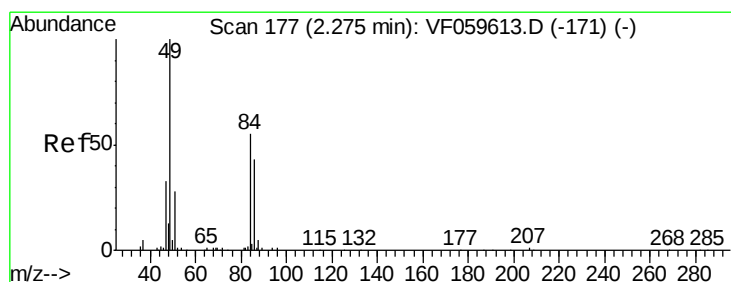
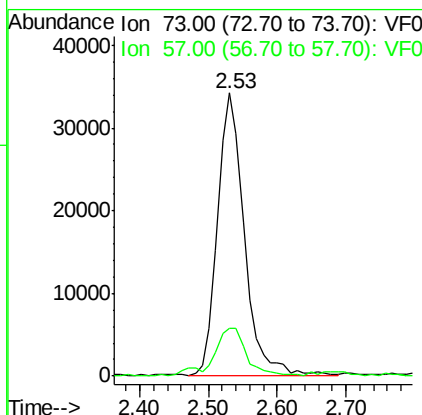
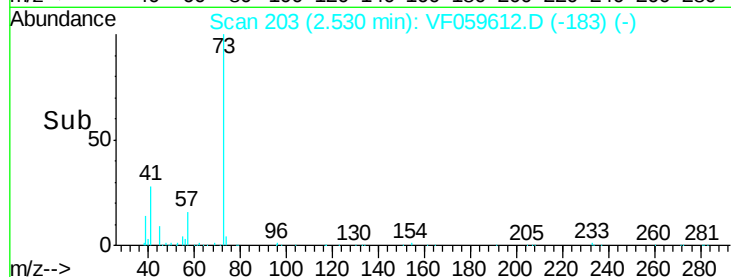
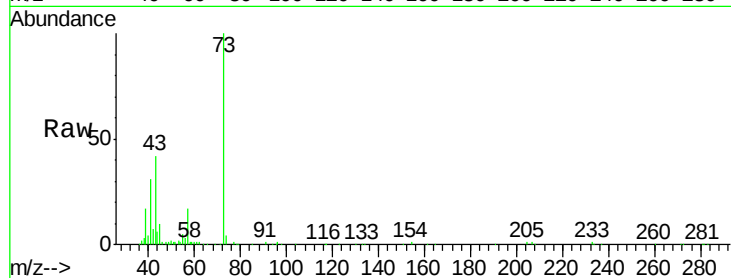
Methyl tert-butyl Ether  
Concen: 18.64 ug/l  
RT: 2.53 min Scan# 203  
Delta R.T. -0.00 min  
Lab File: VF059612.D  
Acq: 23 Jul 2018 13:51

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 16.7  | 13.2  | 19.8  |

Manual Integrations  
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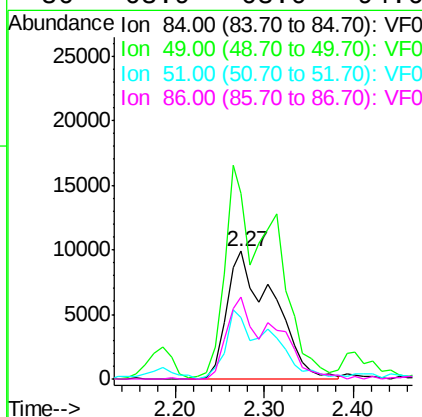
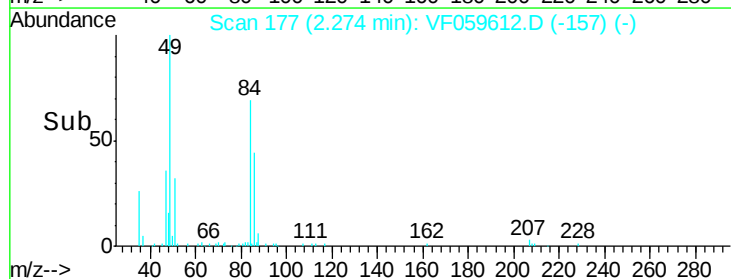
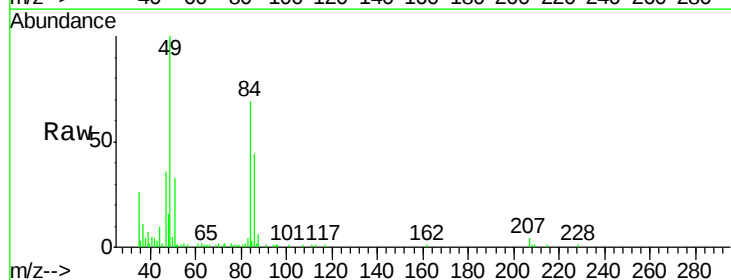
apatel  
7/24/2018 1:13:32 PM

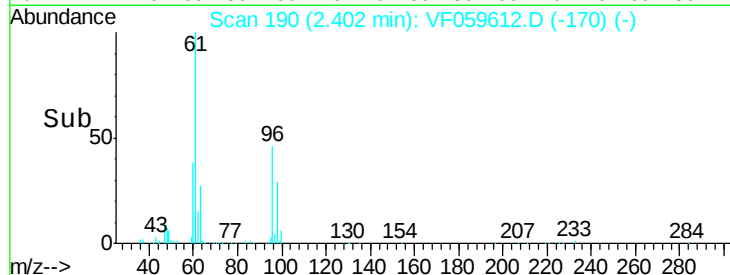
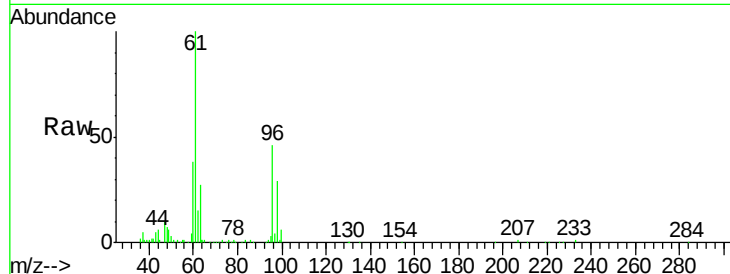
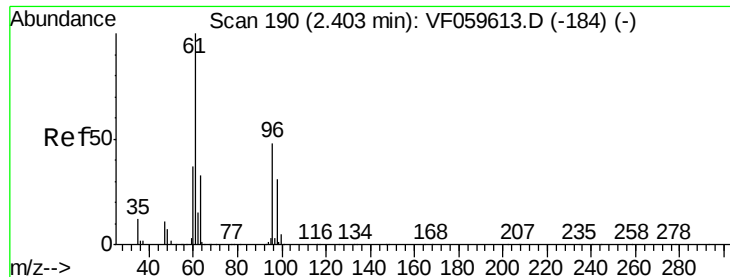


#20

Methylene Chloride  
Concen: 18.88 ug/l  
RT: 2.27 min Scan# 177  
Delta R.T. -0.00 min  
Lab File: VF059612.D  
Acq: 23 Jul 2018 13:51

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 84      | 100   |       |        |
| 49      | 145.4 | 148.6 | 222.8# |
| 51      | 49.9  | 42.7  | 64.1   |
| 86      | 63.9  | 63.0  | 94.6   |





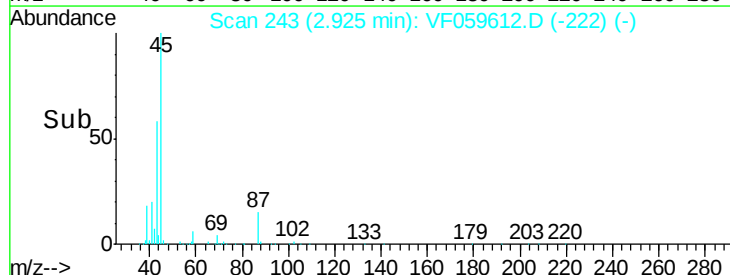
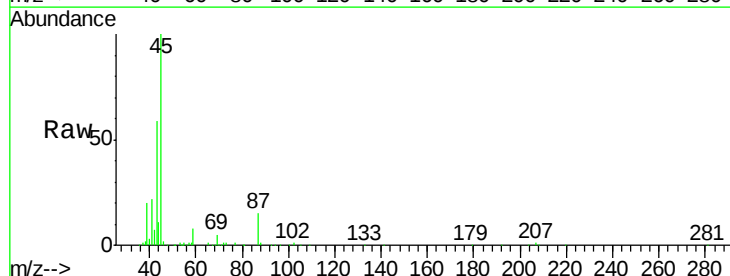
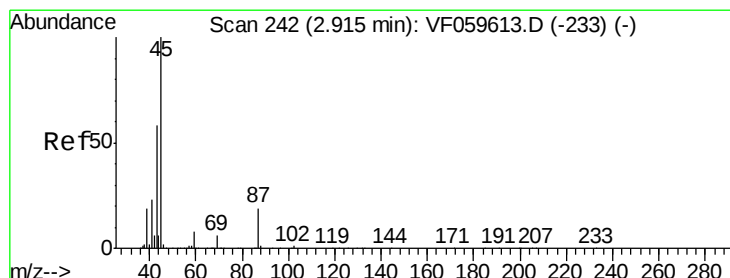
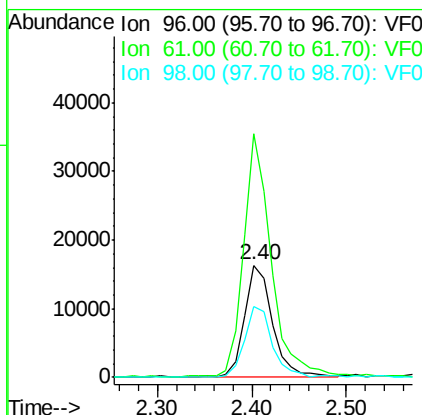
#21  
trans-1,2-Dichloroethene  
Concen: 20.28 ug/l  
RT: 2.40 min Scan# 190  
Delta R.T. -0.00 min  
Lab File: VF059612.D  
Acq: 23 Jul 2018 13:51

| Tot Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 96      | 96  | 100   |       |       |
| 61      | 61  | 217.6 | 167.0 | 250.6 |
| 98      | 98  | 62.8  | 51.8  | 77.8  |

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC020

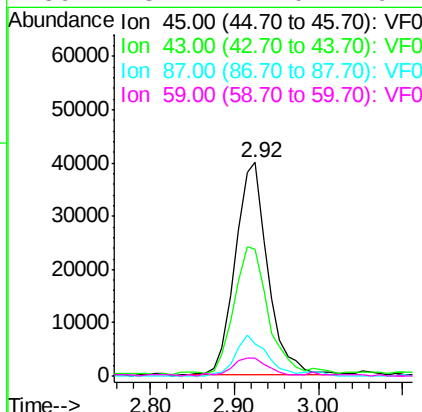
Manual Integrations  
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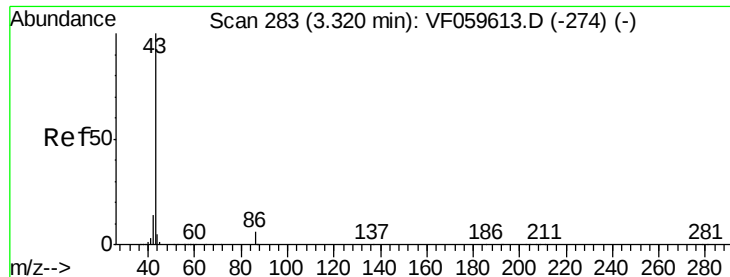
apatel  
7/24/2018 1:13:32 PM



#22  
Diisopropyl ether  
Concen: 18.72 ug/l  
RT: 2.92 min Scan# 243  
Delta R.T. 0.01 min  
Lab File: VF059612.D  
Acq: 23 Jul 2018 13:51

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 45      | 45  | 100   |       |       |
| 43      | 43  | 59.1  | 46.7  | 70.1  |
| 87      | 87  | 14.8  | 15.0  | 22.6  |
| 59      | 59  | 8.1   | 7.0   | 10.4  |





#23

Vinyl Acetate

Concen: 89.33 ug/l

RT: 3.33 min Scan# 284

Delta R.T. 0.01 min

Lab File: VF059612.D

Acq: 23 Jul 2018 13:51

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 273682

Ion Ratio Lower Upper

43 100

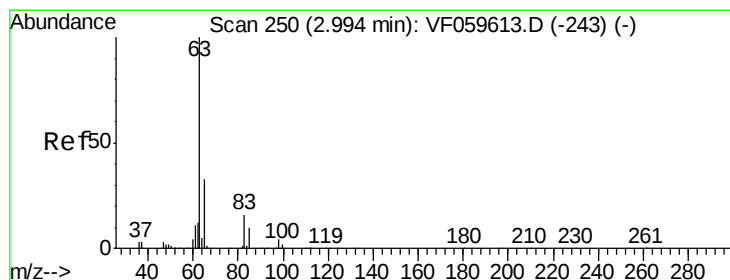
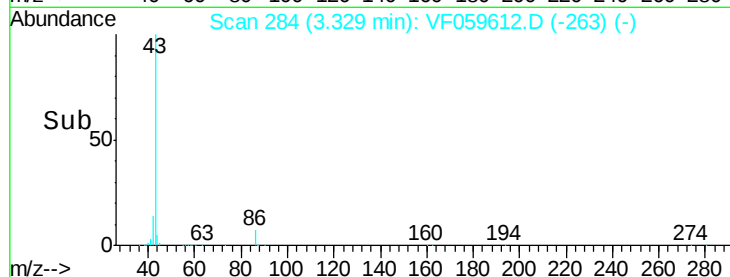
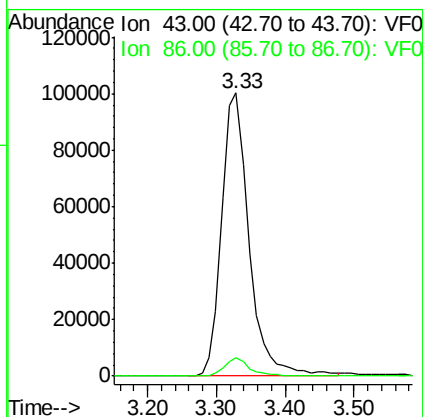
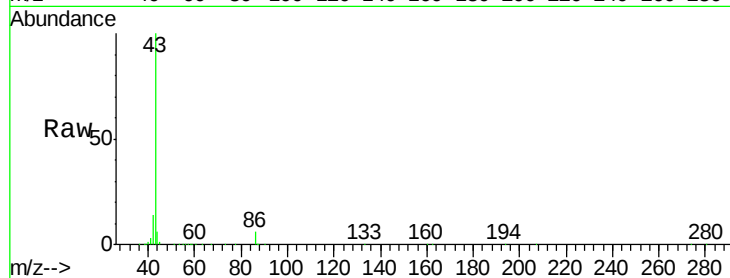
86 6.5 4.6 6.8

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#24

1,1-Dichloroethane

Concen: 21.51 ug/l

RT: 2.99 min Scan# 250

Delta R.T. -0.00 min

Lab File: VF059612.D

Acq: 23 Jul 2018 13:51

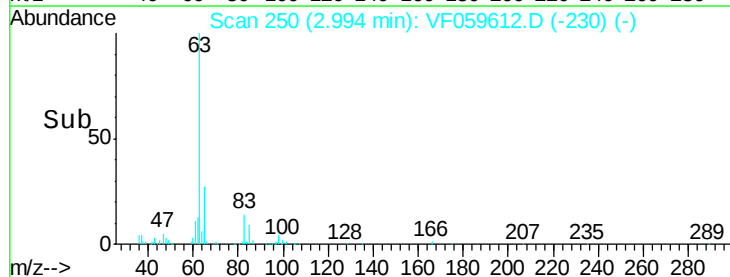
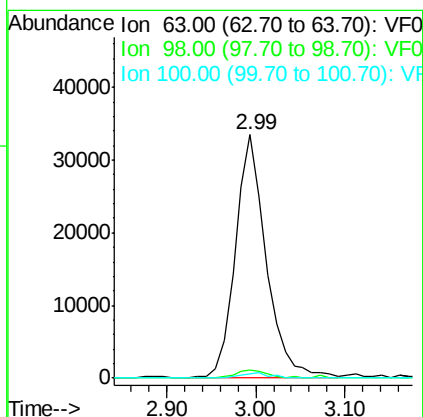
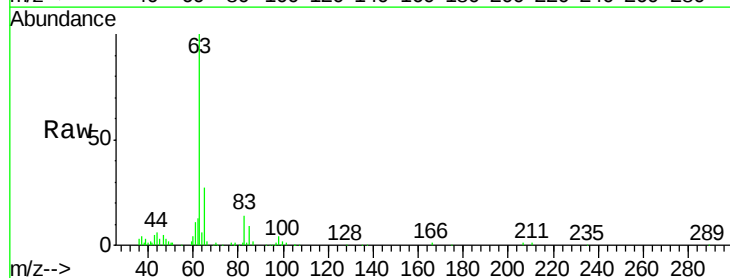
Tgt Ion: 63 Resp: 80863

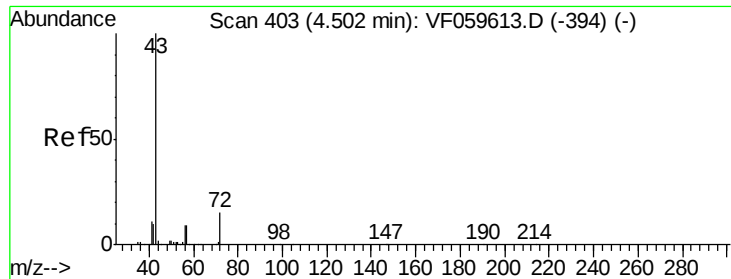
Ion Ratio Lower Upper

63 100

98 3.5 1.9 5.7

100 1.6 1.2 3.6





#25

2-Butanone

Concen: 87.86 ug/l

RT: 4.50 min Scan# 403

Delta R.T. -0.00 min

Lab File: VF059612.D

Acq: 23 Jul 2018 13:51

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 63011

Ion Ratio Lower Upper

43 100

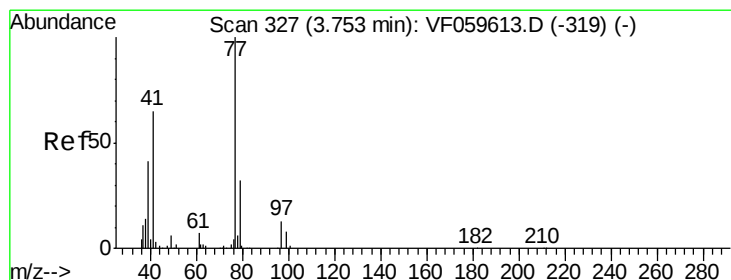
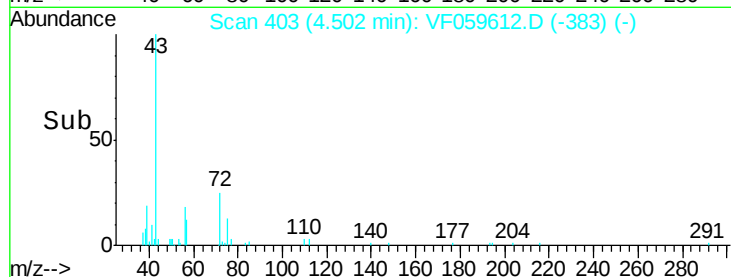
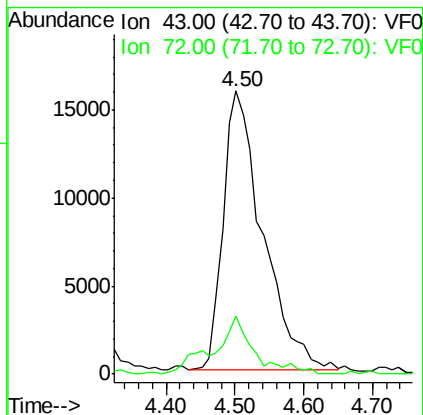
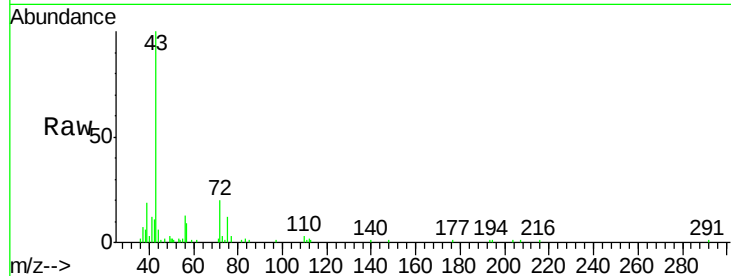
72 20.5 12.9 19.3#

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#26

2,2-Dichloropropane

Concen: 24.36 ug/l

RT: 3.75 min Scan# 327

Delta R.T. -0.00 min

Lab File: VF059612.D

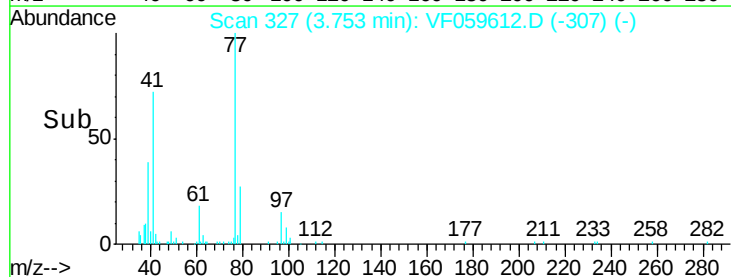
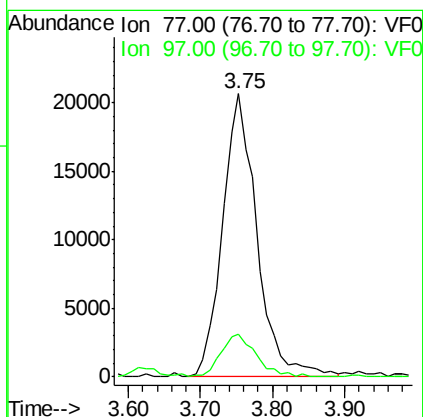
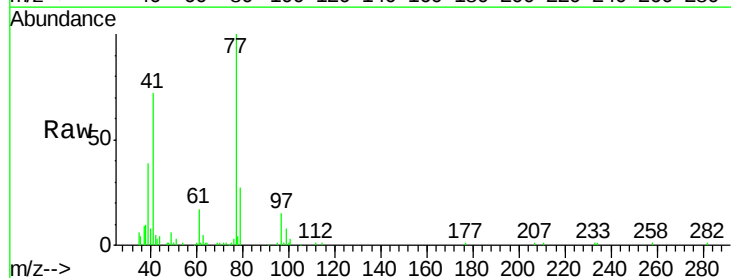
Acq: 23 Jul 2018 13:51

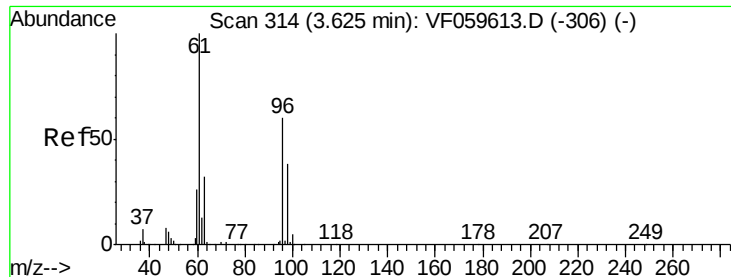
Tgt Ion: 77 Resp: 68314

Ion Ratio Lower Upper

77 100

97 15.0 7.1 21.3





#27

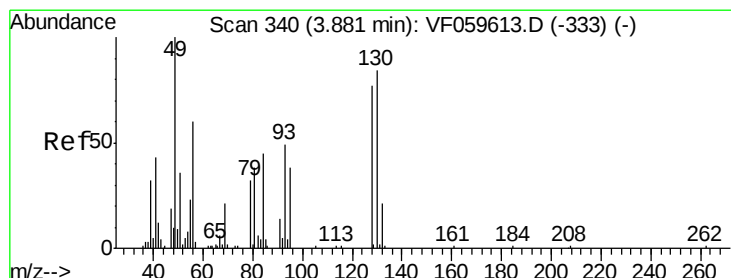
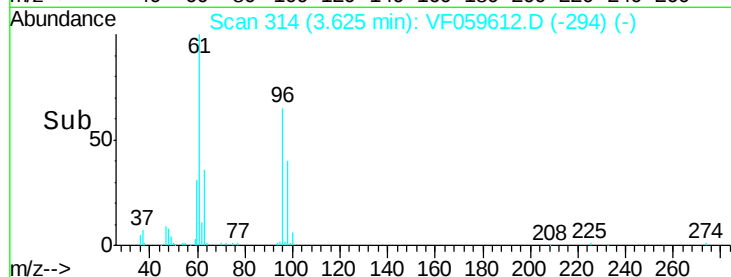
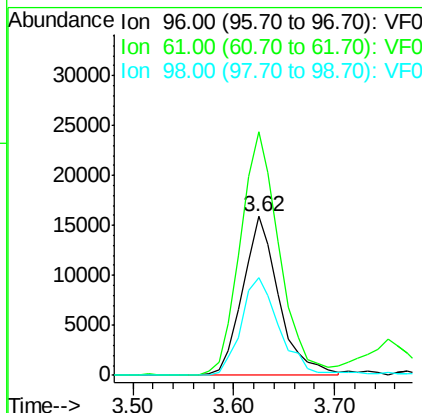
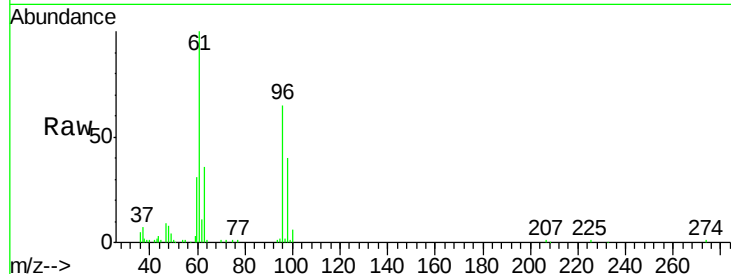
cis-1,2-Dichloroethene  
Concen: 21.59 ug/l  
RT: 3.62 min Scan# 314  
Delta R.T. -0.00 min  
Lab File: VF059612.D  
Acq: 23 Jul 2018 13:51

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 153.6 | 0.0   | 335.2 |
| 98      | 61.3  | 0.0   | 126.6 |

Manual Integrations  
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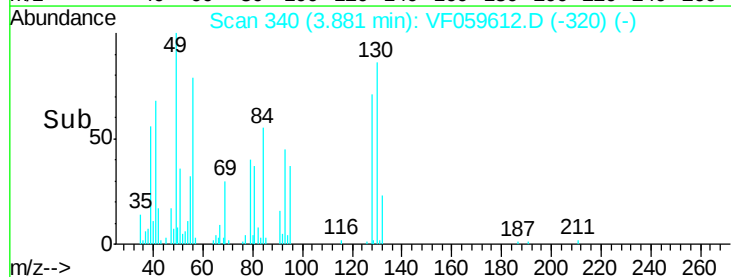
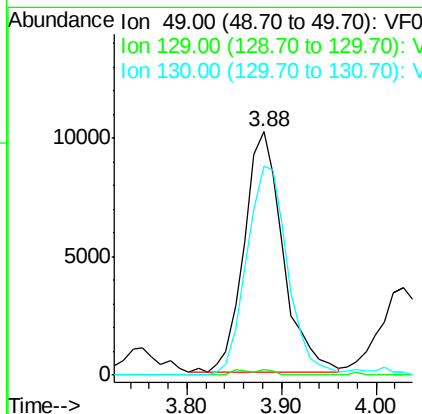
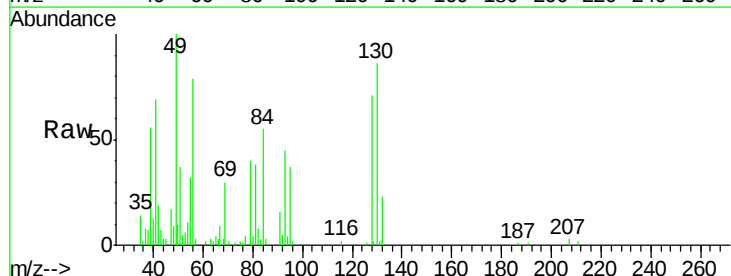
apatel  
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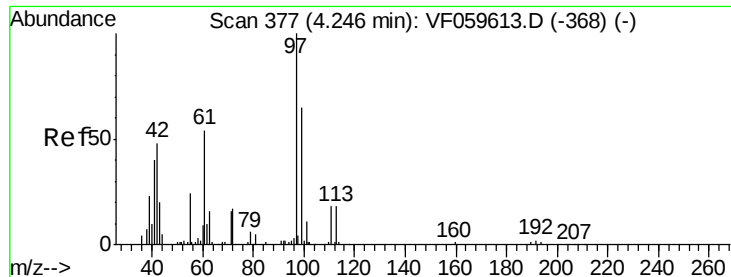


#28

Bromochloromethane  
Concen: 19.35 ug/l  
RT: 3.88 min Scan# 340  
Delta R.T. -0.00 min  
Lab File: VF059612.D  
Acq: 23 Jul 2018 13:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.4   | 0.0   | 4.6   |
| 130     | 85.8  | 67.1  | 100.7 |





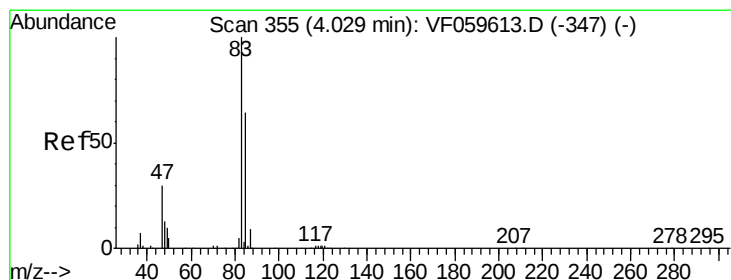
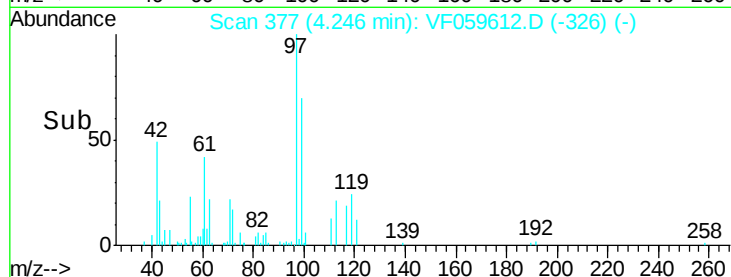
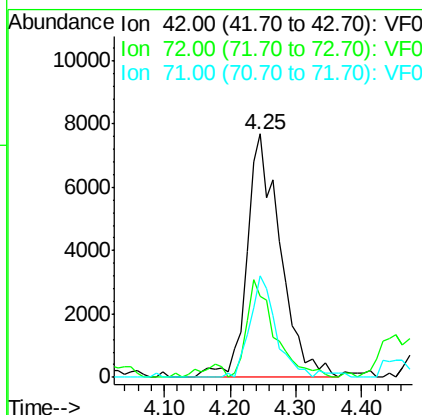
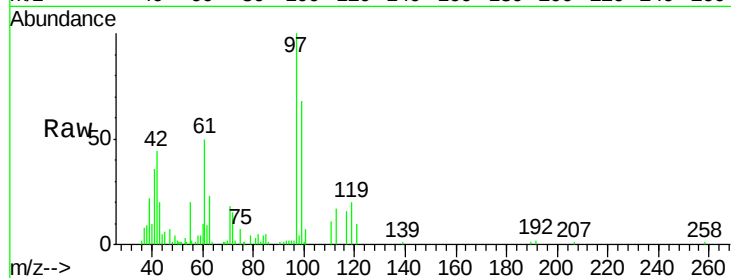
#29  
Tetrahydrofuran  
Concen: 88.47 ug/l  
RT: 4.25 min Scan# 377  
Delta R.T. -0.00 min  
Lab File: VF059612.D  
Acq: 23 Jul 2018 13:51

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 33.6  | 27.9  | 41.9  |
| 71      | 32.4  | 29.3  | 43.9  |

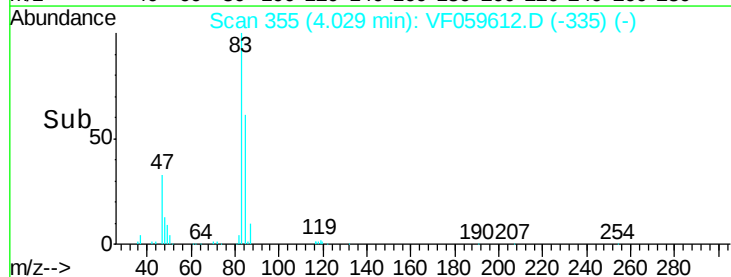
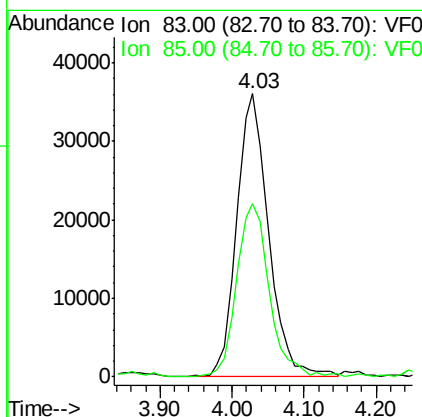
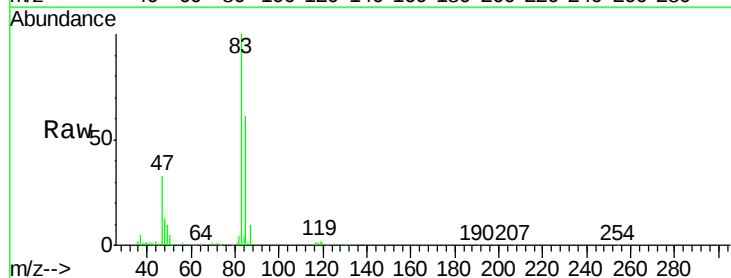
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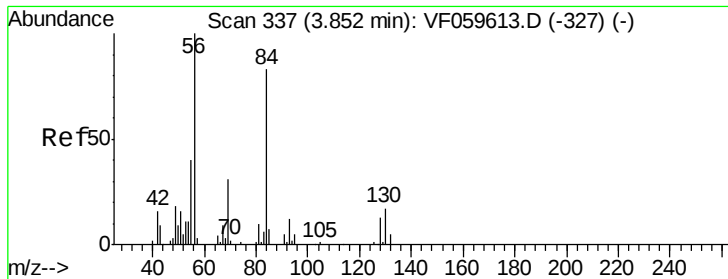
apatel  
7/24/2018 1:13:32 PM



#30  
Chloroform  
Concen: 21.02 ug/l  
RT: 4.03 min Scan# 355  
Delta R.T. -0.00 min  
Lab File: VF059612.D  
Acq: 23 Jul 2018 13:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 61.2  | 51.1  | 76.7  |





#31

Cyclohexane

Concen: 21.76 ug/l

RT: 3.85 min Scan# 337

Delta R.T. -0.00 min

Lab File: VF059612.D

Acq: 23 Jul 2018 13:51

Instrument :

MSVOA\_F

ClientSampleId :

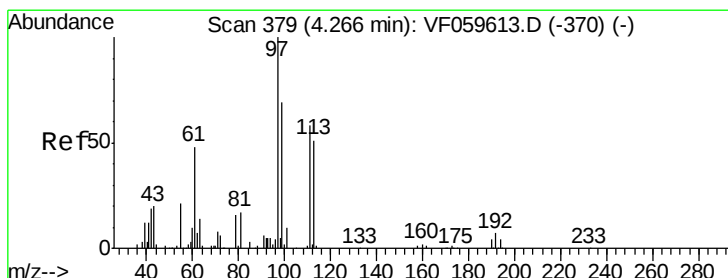
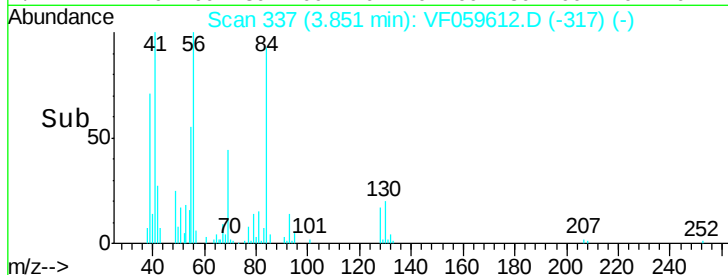
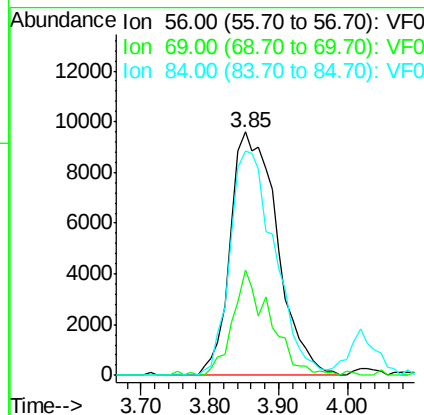
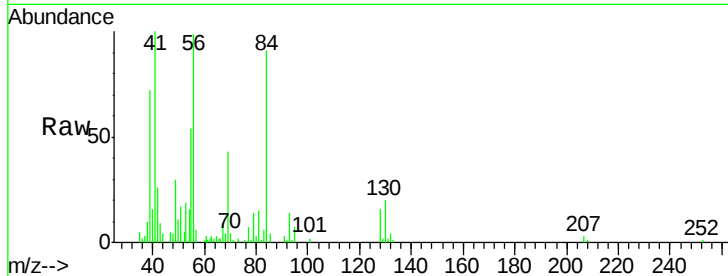
VSTDIC020

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 56    | Resp: | 45353 |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 43.3  | 24.6  | 37.0# |
| 84       | 91.9  | 66.6  | 99.8  |

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#32

1,1,1-Trichloroethane

Concen: 24.44 ug/l

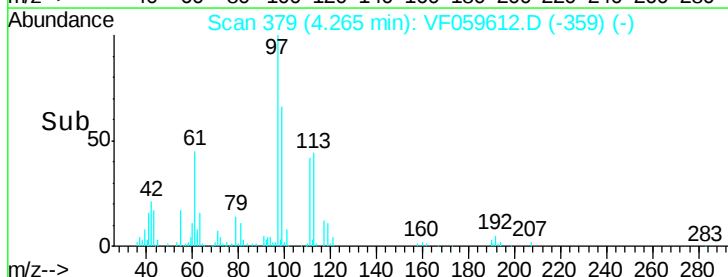
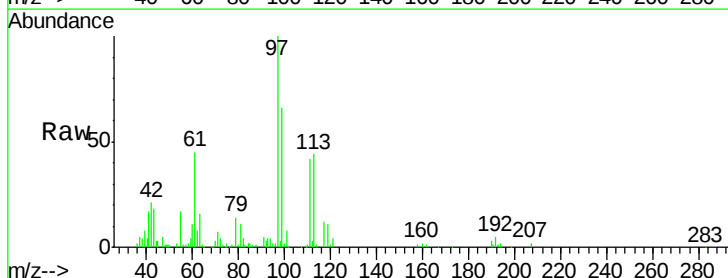
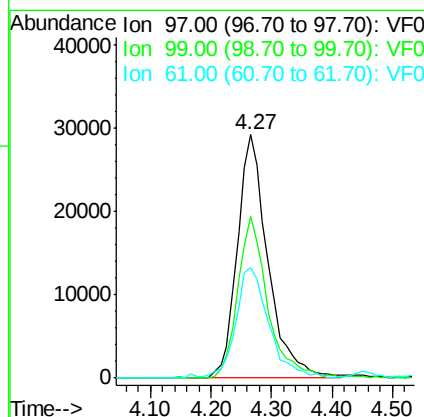
RT: 4.27 min Scan# 379

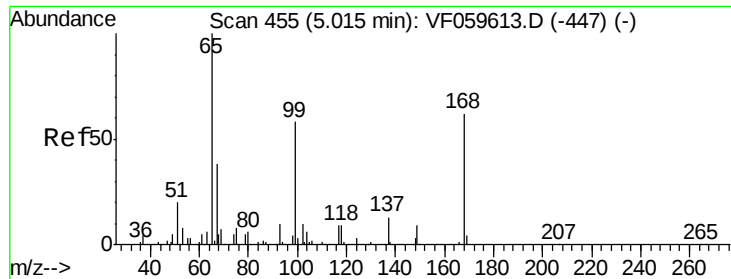
Delta R.T. -0.00 min

Lab File: VF059612.D

Acq: 23 Jul 2018 13:51

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 102370 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 99       | 66.3  | 55.4  | 83.2   |
| 61       | 45.2  | 39.3  | 58.9   |





#33

1,2-Dichloroethane-d4

Concen: 18.43 ug/l

RT: 5.01 min Scan# 455

Delta R.T. -0.00 min

Lab File: VF059612.D

Acq: 23 Jul 2018 13:51

Instrument :

MSVOA\_F

ClientSampled :

VSTDIC020

Tot Ion: 65 Resp: 66151

Ion Ratio Lower Upper

65 100

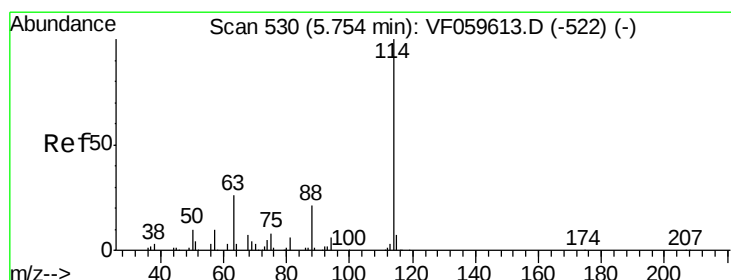
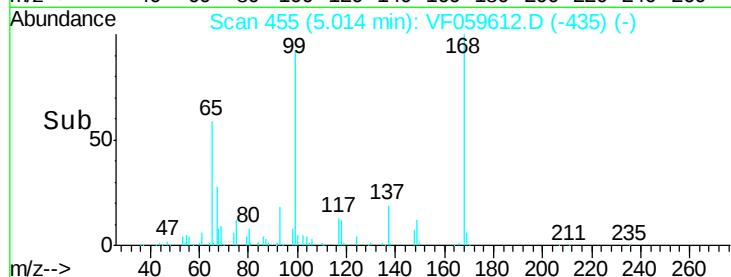
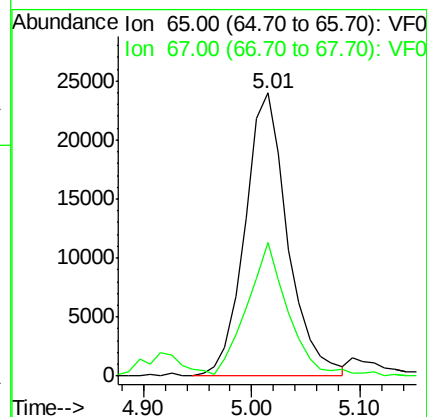
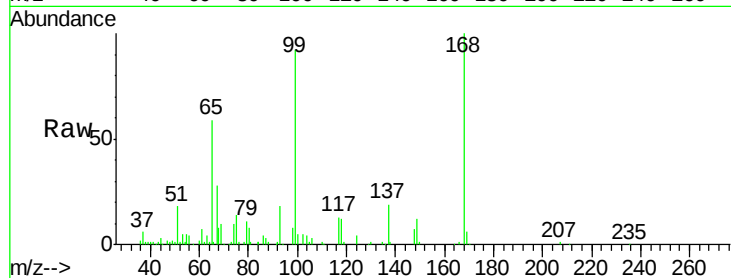
67 47.2 0.0 83.8

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 531

Delta R.T. 0.01 min

Lab File: VF059612.D

Acq: 23 Jul 2018 13:51

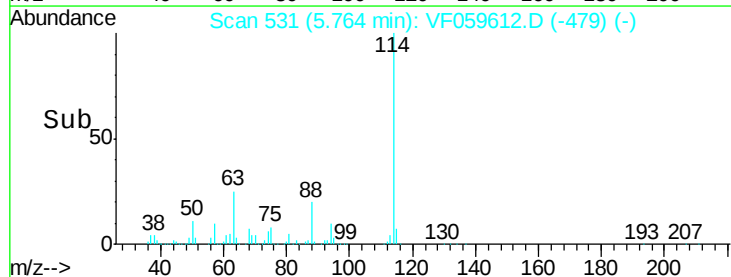
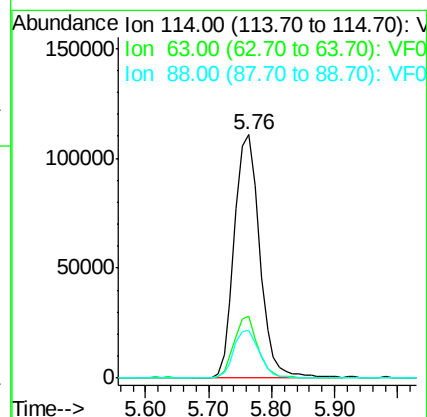
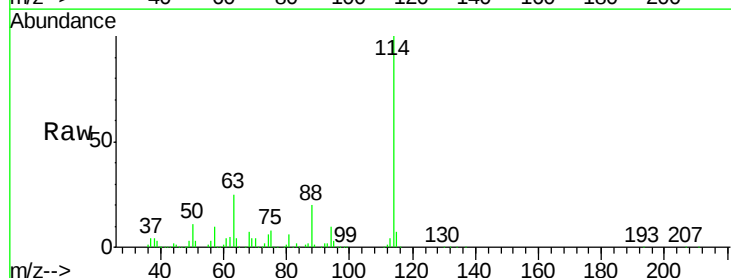
Tgt Ion: 114 Resp: 309097

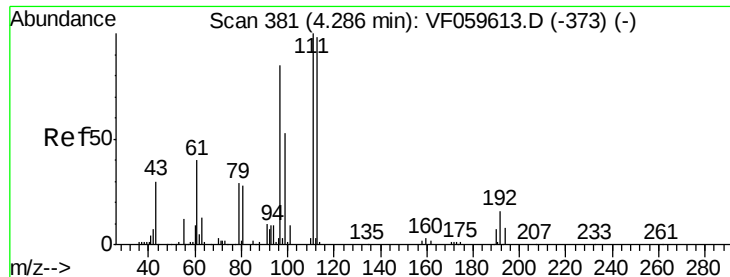
Ion Ratio Lower Upper

114 100

63 25.2 0.0 51.8

88 19.8 0.0 42.8





#35

Dibromofluoromethane

Concen: 22.23 ug/l

RT: 4.28 min Scan# 381

Delta R.T. -0.00 min

Lab File: VF059612.D

Acq: 23 Jul 2018 13:51

Instrument :

MSVOA\_F

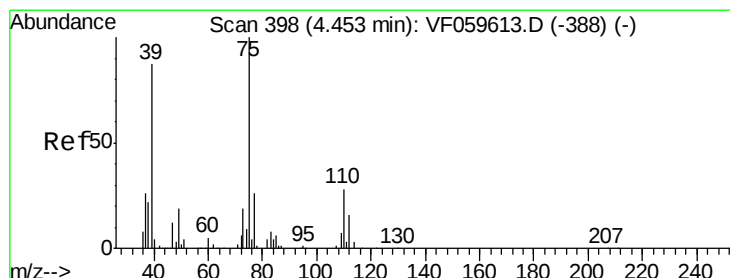
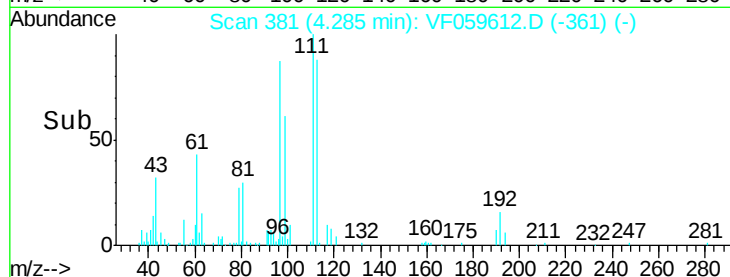
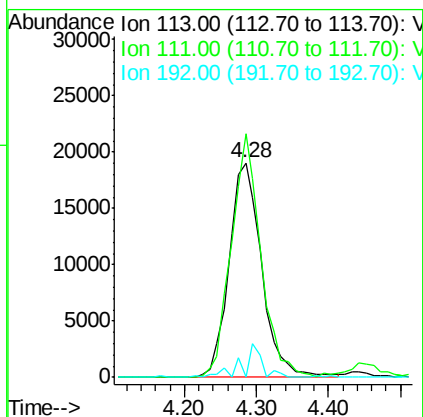
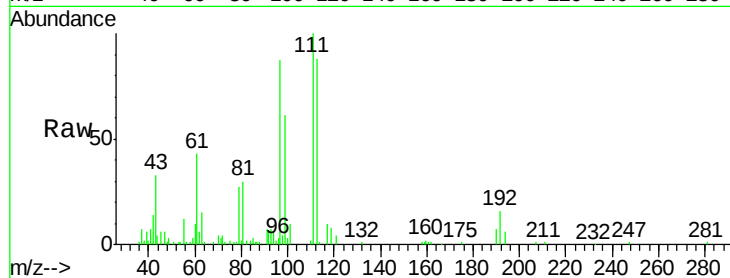
ClientSampleId :

VSTDIC020

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 113   | Resp: | 60349 |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 111       | 111.6 | 81.5  | 122.3 |
| 192       | 0.0   | 13.4  | 20.2# |

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7/24/2018 1:13:32 PM



#36

1,1-Dichloropropene

Concen: 22.59 ug/l

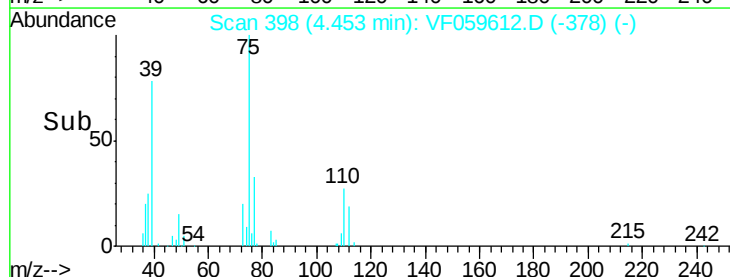
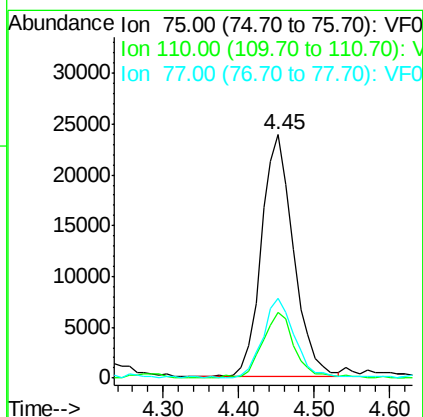
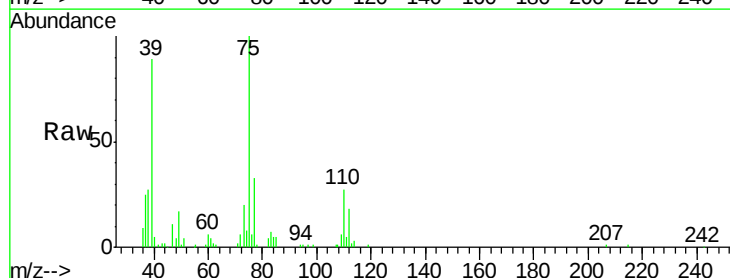
RT: 4.45 min Scan# 398

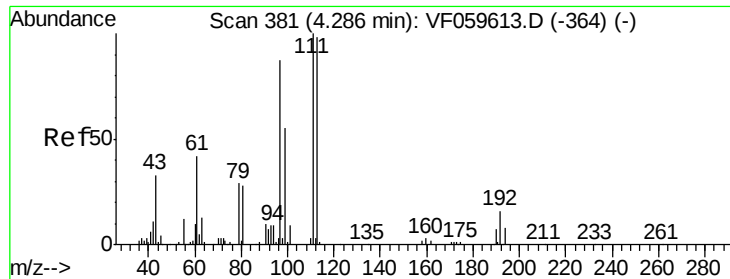
Delta R.T. -0.00 min

Lab File: VF059612.D

Acq: 23 Jul 2018 13:51

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 70332 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 110       | 26.8  | 14.2  | 42.6  |
| 77        | 32.8  | 20.3  | 30.5# |





#37

Ethyl Acetate

Concen: 20.46 ug/l

RT: 4.28 min Scan# 381

Delta R.T. -0.00 min

Lab File: VF059612.D

Acq: 23 Jul 2018 13:51

Instrument :

MSVOA\_F

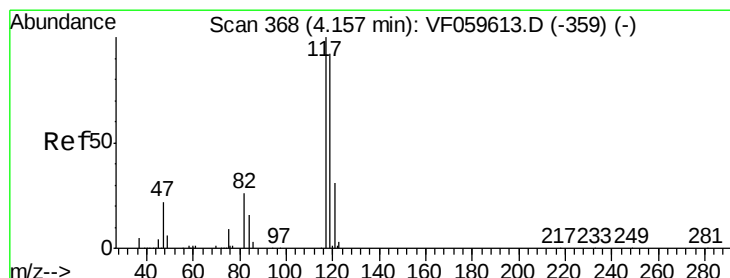
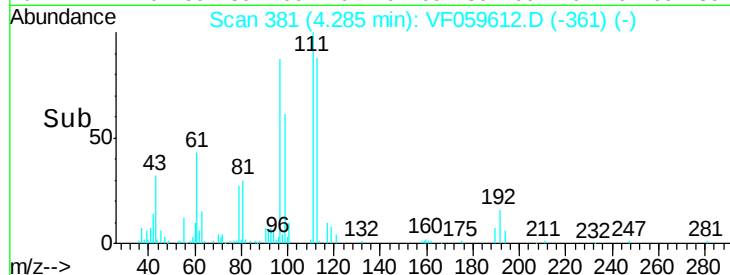
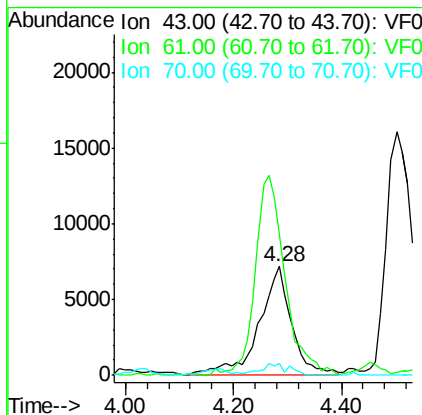
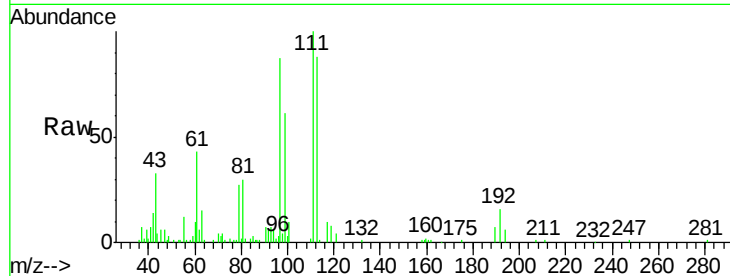
ClientSampleId :

VSTDIC020

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 30341 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 129.2 | 101.9 | 152.9 |
| 70       | 11.4  | 7.9   | 11.9  |

Manual Integrations  
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apatel  
7/24/2018 1:13:32 PM



#38

Carbon Tetrachloride

Concen: 24.33 ug/l

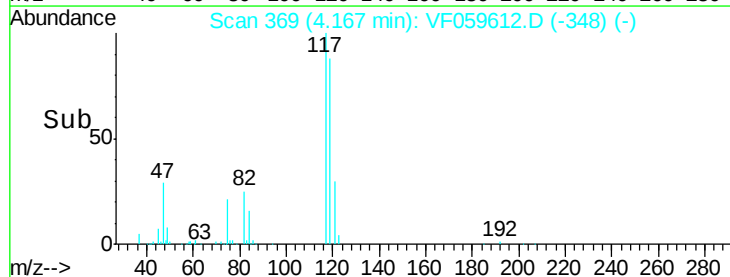
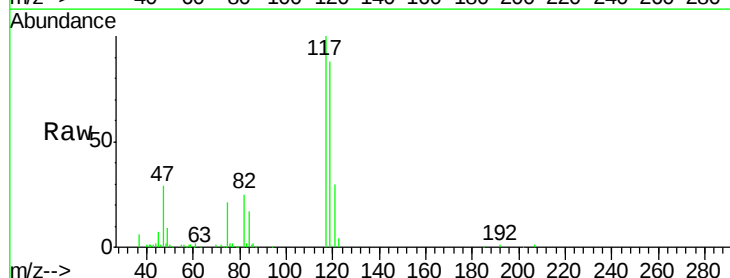
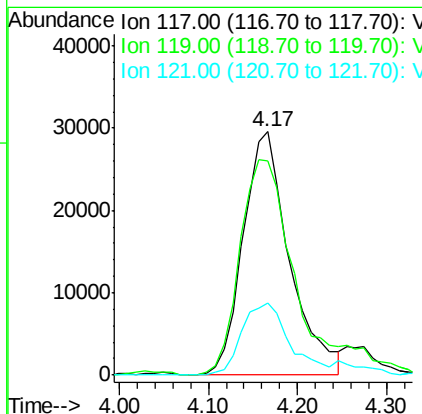
RT: 4.17 min Scan# 369

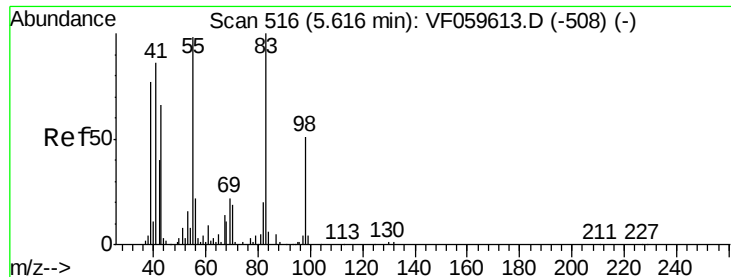
Delta R.T. 0.01 min

Lab File: VF059612.D

Acq: 23 Jul 2018 13:51

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 106804 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 87.9  | 74.2  | 111.4  |
| 121      | 29.5  | 24.7  | 37.1   |





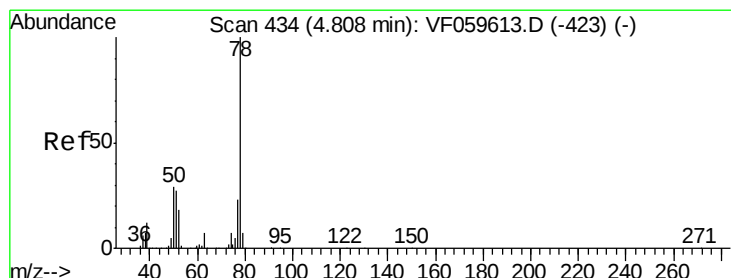
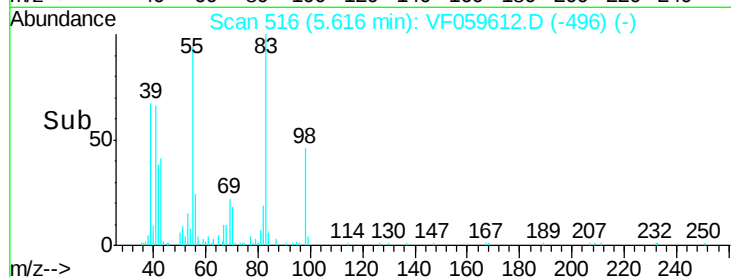
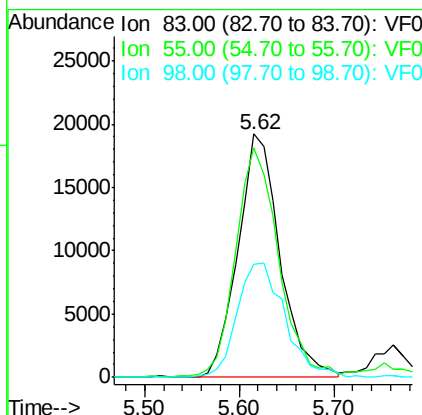
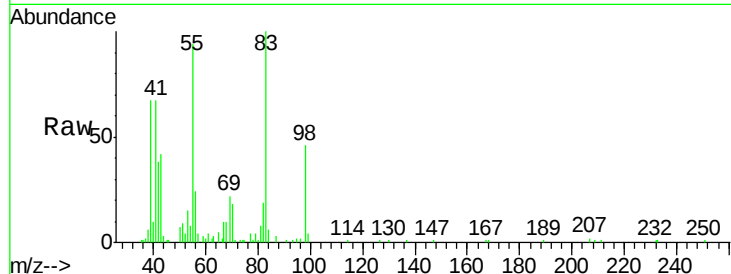
#39  
Methvlcvclohexane  
Concen: 24.32 ug/l  
RT: 5.62 min Scan# 516  
Delta R.T. -0.00 min  
Lab File: VF059612.D  
Acq: 23 Jul 2018 13:51

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 94.2  | 78.5  | 117.7 |
| 98      | 46.3  | 41.1  | 61.7  |

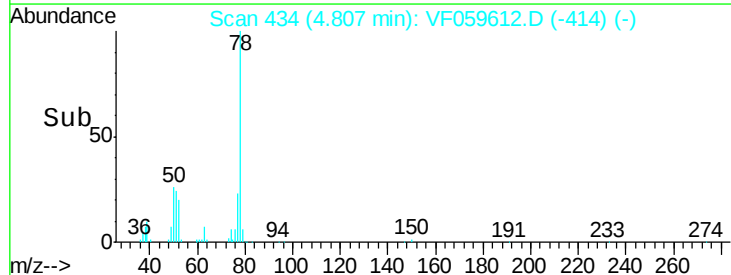
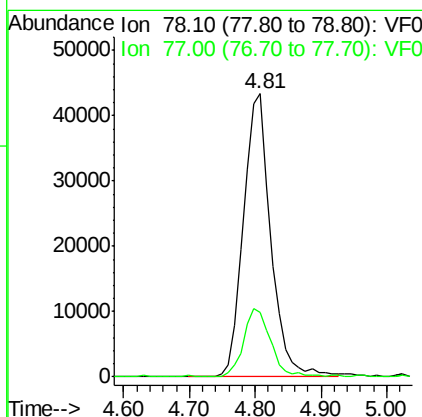
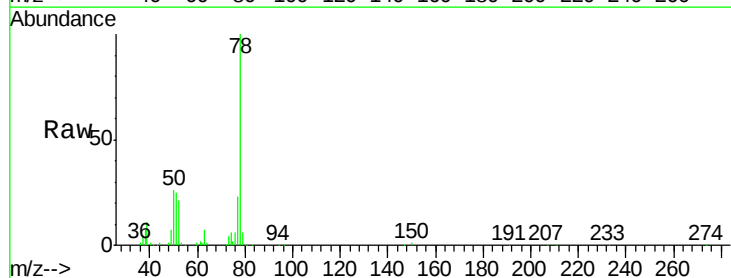
Manual Integrations  
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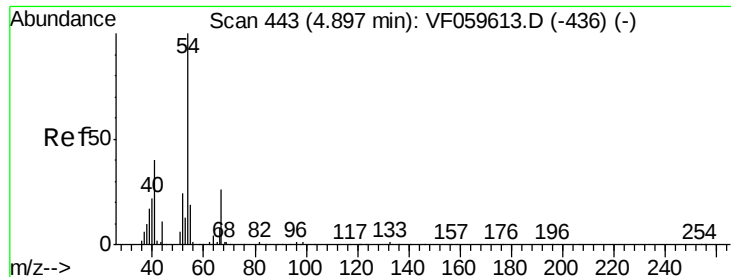
apatel  
7/24/2018 1:13:32 PM



#40  
Benzene  
Concen: 21.82 ug/l  
RT: 4.81 min Scan# 434  
Delta R.T. -0.00 min  
Lab File: VF059612.D  
Acq: 23 Jul 2018 13:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 22.8  | 18.4  | 27.6  |





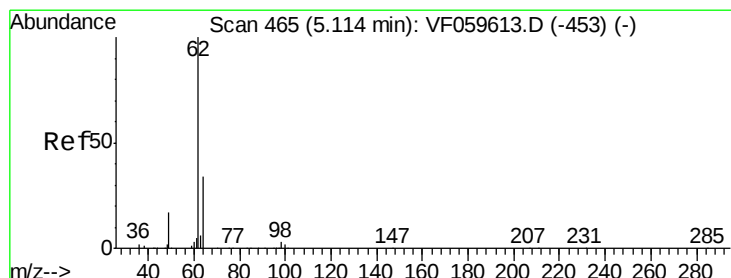
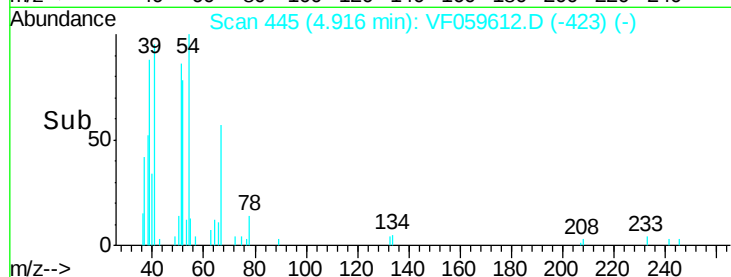
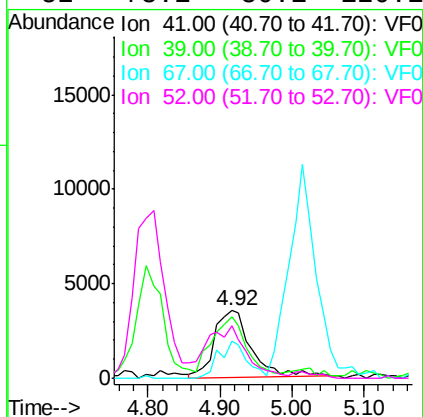
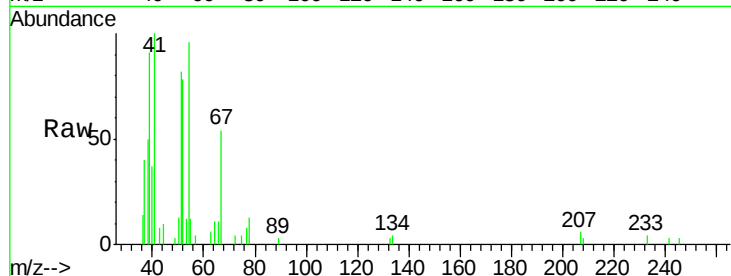
#41  
Methacrylonitrile  
Concen: 16.31 ug/l  
RT: 4.92 min Scan# 445  
Delta R.T. 0.02 min  
Lab File: VF059612.D  
Acq: 23 Jul 2018 13:51

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC020

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 41      | 100   |       |        |
| 39      | 91.4  | 58.2  | 87.4#  |
| 67      | 54.3  | 51.0  | 76.6   |
| 52      | 78.1  | 80.1  | 120.1# |

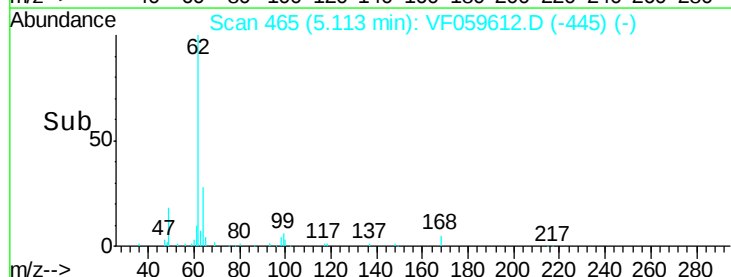
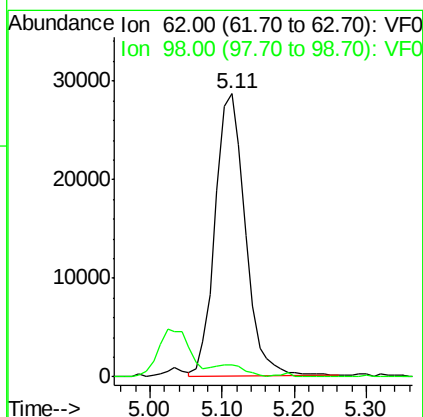
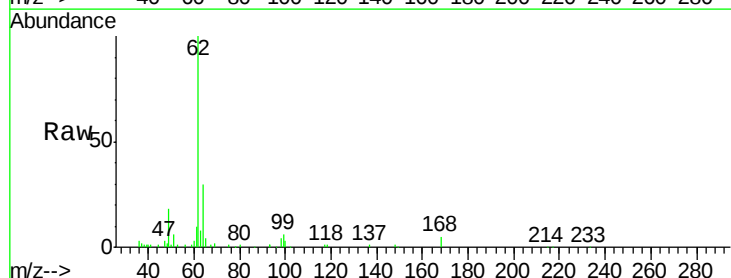
Manual Integrations  
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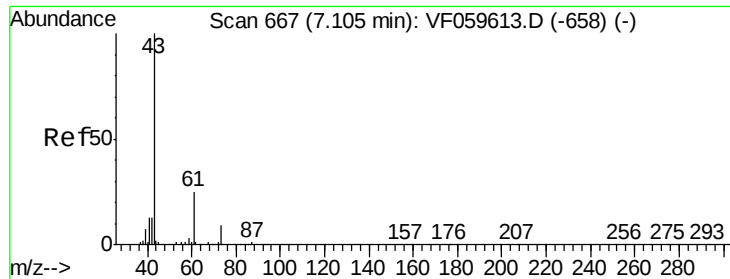
apatel  
7/24/2018 1:13:32 PM



#42  
1,2-Dichloroethane  
Concen: 20.78 ug/l  
RT: 5.11 min Scan# 465  
Delta R.T. -0.00 min  
Lab File: VF059612.D  
Acq: 23 Jul 2018 13:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 4.1   | 0.0   | 8.4   |





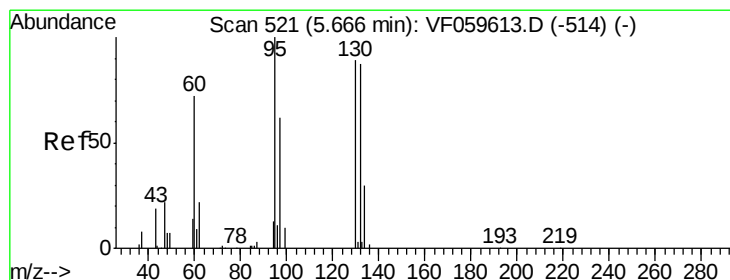
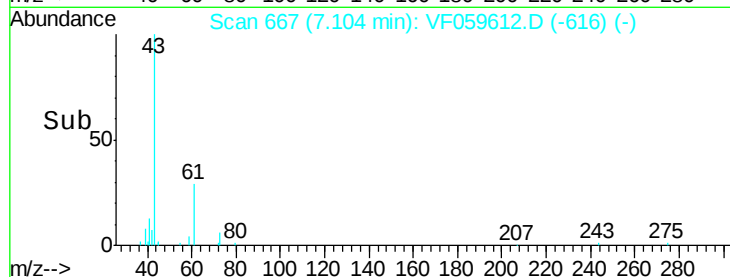
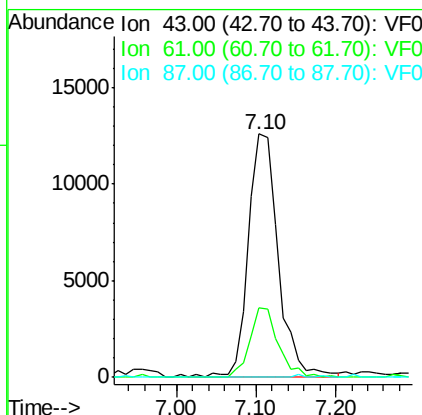
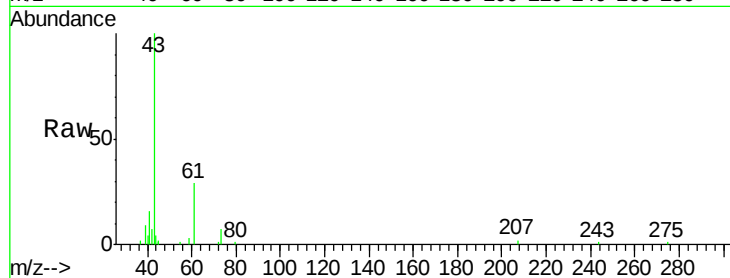
#43  
Isopropyl Acetate  
Concen: 16.94 ug/l  
RT: 7.10 min Scan# 667  
Delta R.T. -0.00 min  
Lab File: VF059612.D  
Acq: 23 Jul 2018 13:51

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 28.6  | 20.1  | 30.1  |
| 87      | 0.0   | 0.5   | 0.7#  |

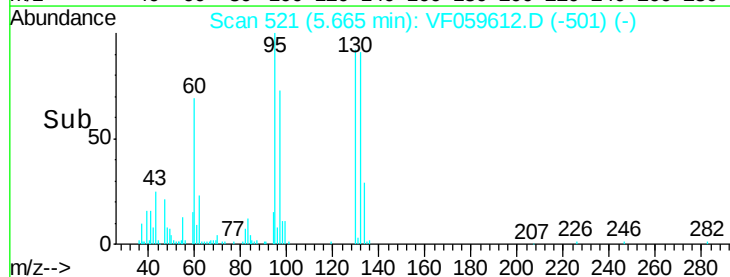
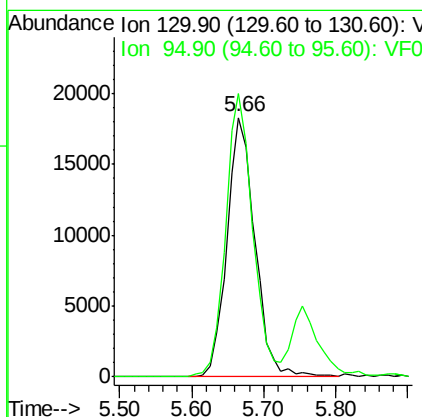
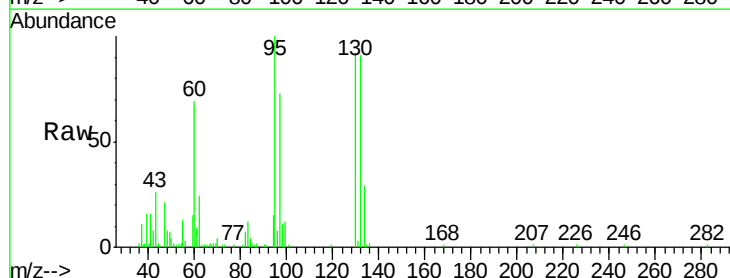
Manual Integrations  
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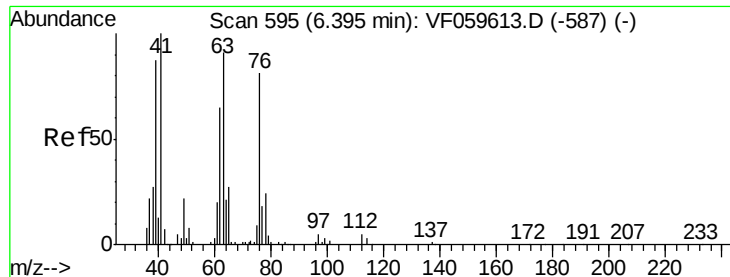
apatel  
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#44  
Trichloroethene  
Concen: 22.30 ug/l  
RT: 5.66 min Scan# 521  
Delta R.T. -0.00 min  
Lab File: VF059612.D  
Acq: 23 Jul 2018 13:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 109.0 | 0.0   | 226.4 |





#45

1,2-Dichloropropane

Concen: 20.51 ug/l

RT: 6.39 min Scan# 595

Delta R.T. -0.00 min

Lab File: VF059612.D

Acq: 23 Jul 2018 13:51

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC020

Tot Ion: 63 Resp: 33217

Ion Ratio Lower Upper

63 100

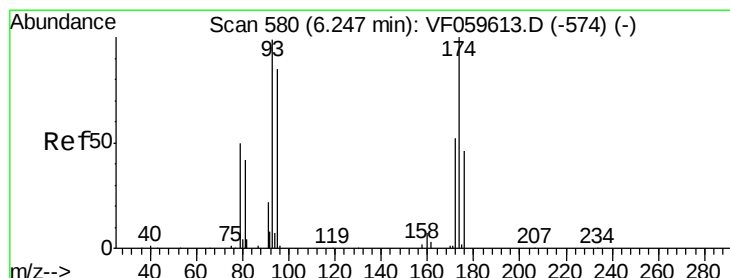
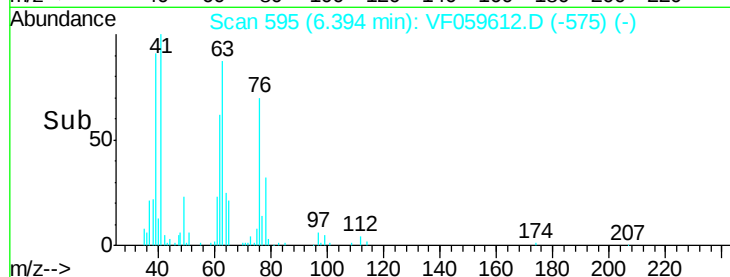
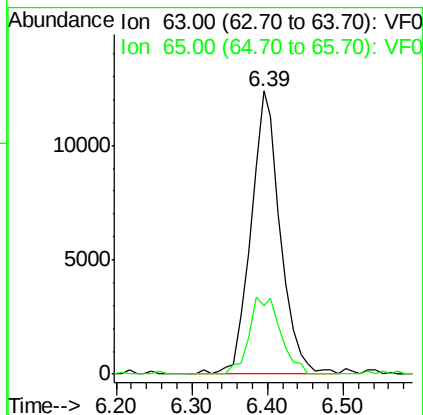
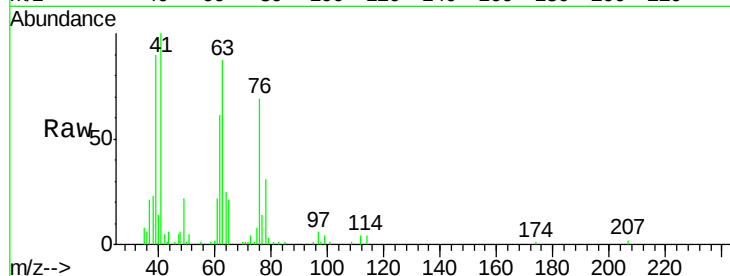
65 24.3 23.4 35.0

Manual Integrations

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#46

Dibromomethane

Concen: 20.34 ug/l

RT: 6.25 min Scan# 580

Delta R.T. -0.00 min

Lab File: VF059612.D

Acq: 23 Jul 2018 13:51

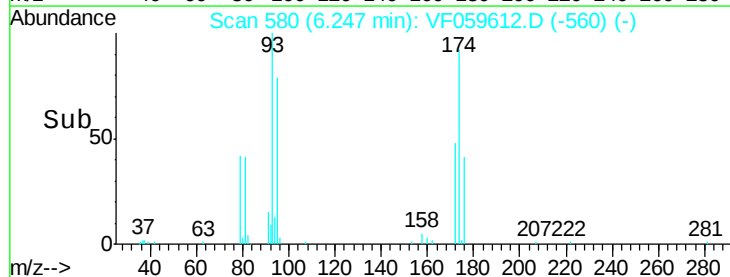
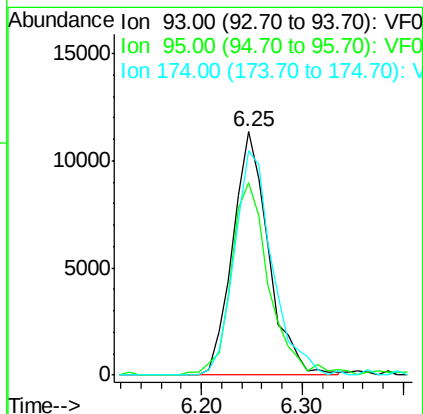
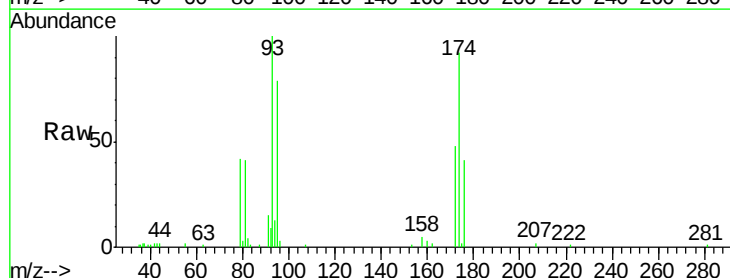
Tgt Ion: 93 Resp: 28102

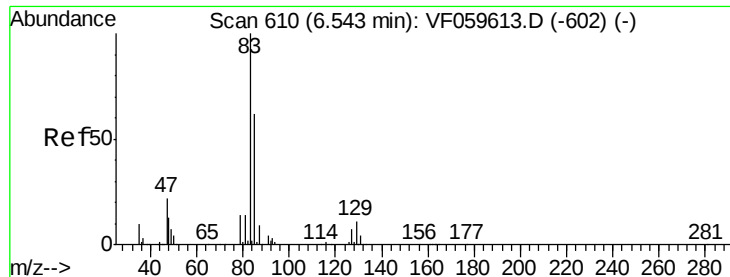
Ion Ratio Lower Upper

93 100

95 78.8 68.6 102.8

174 92.2 80.8 121.2





#47

Bromodichloromethane

Concen: 21.09 ug/l

RT: 6.54 min Scan# 610

Delta R.T. -0.00 min

Lab File: VF059612.D

Acq: 23 Jul 2018 13:51

Instrument :

MSVOA\_F

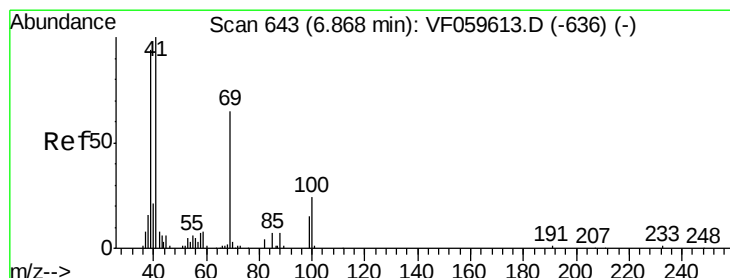
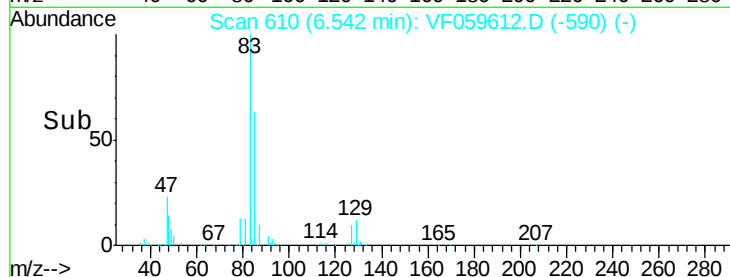
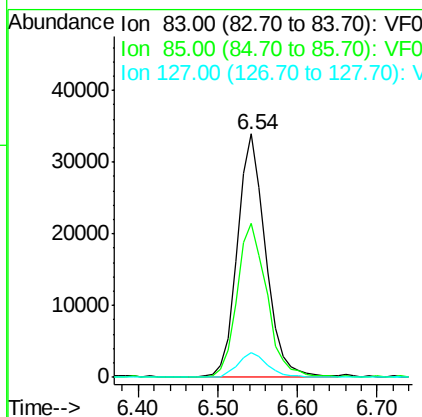
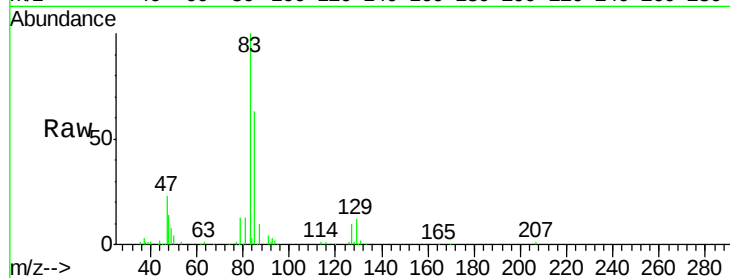
ClientSampleId :

VSTDIC020

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 83475 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 85        | 63.1  | 49.4  | 74.0  |
| 127       | 10.2  | 5.9   | 8.9#  |

Manual Integrations  
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#48

Methyl methacrylate

Concen: 16.59 ug/l

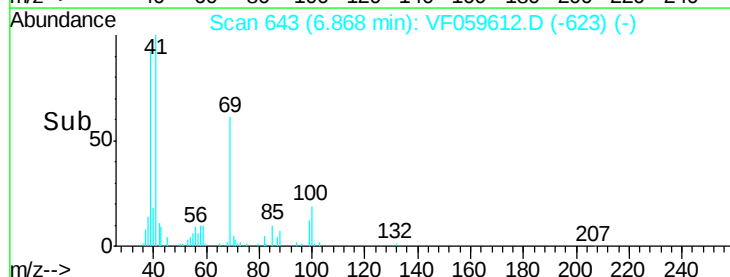
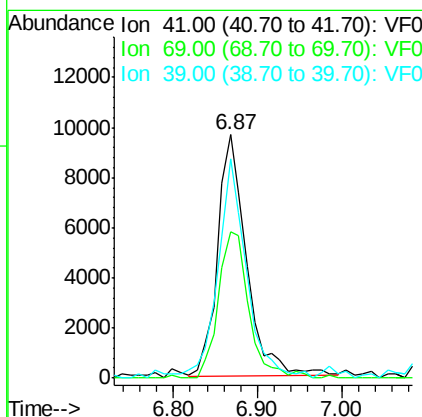
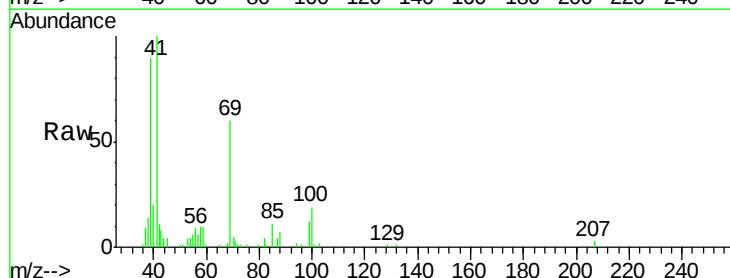
RT: 6.87 min Scan# 643

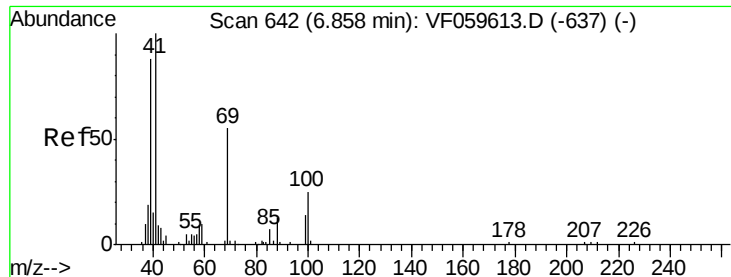
Delta R.T. -0.00 min

Lab File: VF059612.D

Acq: 23 Jul 2018 13:51

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 23260 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 69        | 59.9  | 51.6  | 77.4  |
| 39        | 90.1  | 76.3  | 114.5 |





#49

1,4-Dioxane

Concen: 380.23 ug/l

RT: 6.88 min Scan# 644

Delta R.T. 0.02 min

Lab File: VF059612.D

Acq: 23 Jul 2018 13:51

Instrument :

MSVOA\_F

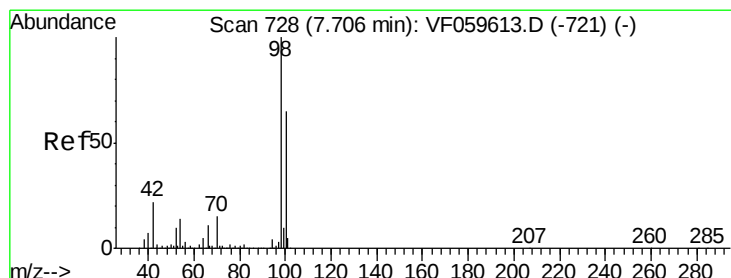
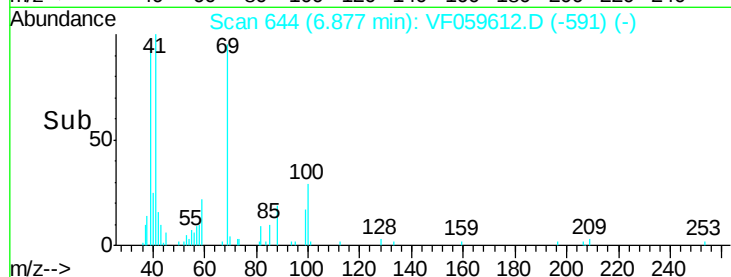
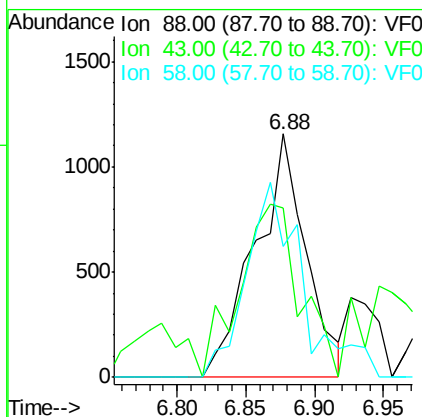
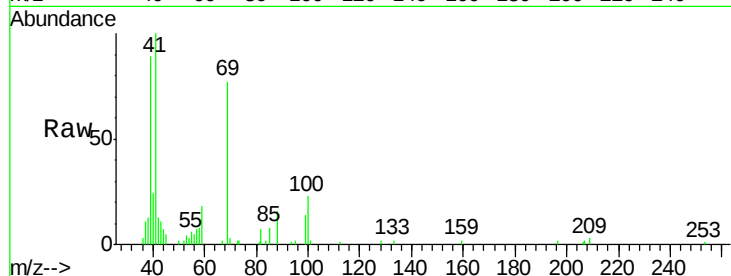
ClientSampleId :

VSTDIC020

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 88    | Resp: | 2977  |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 69.4  | 54.2  | 81.4  |
| 58       | 53.6  | 54.3  | 81.5# |

Manual Integrations  
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#50

Toluene-d8

Concen: 22.58 ug/l

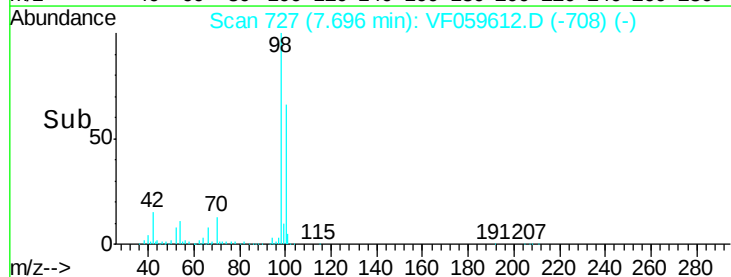
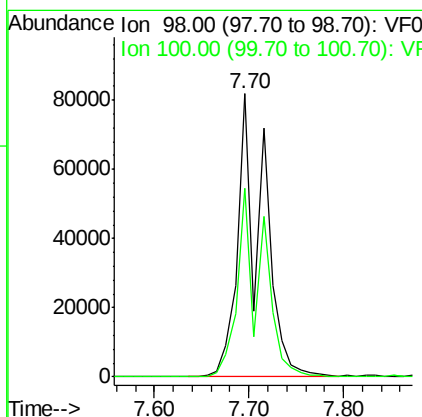
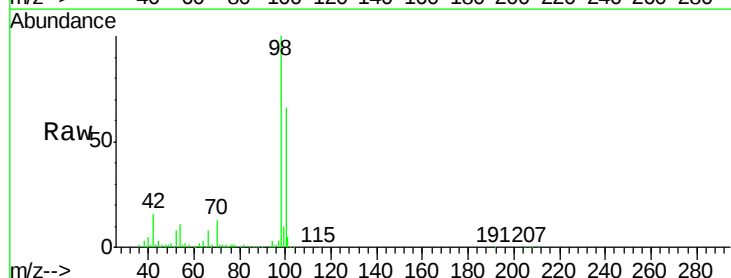
RT: 7.70 min Scan# 727

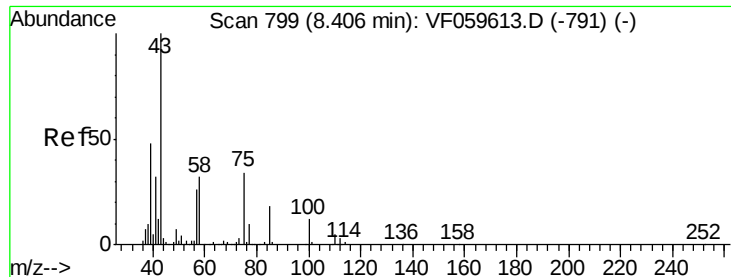
Delta R.T. -0.01 min

Lab File: VF059612.D

Acq: 23 Jul 2018 13:51

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 151320 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 66.5  | 51.6  | 77.4   |





#51

4-Methyl-2-Pentanone

Concen: 92.86 ug/l

RT: 8.40 min Scan# 798

Delta R.T. -0.01 min

Lab File: VF059612.D

Acq: 23 Jul 2018 13:51

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 123787

Ion Ratio Lower Upper

43 100

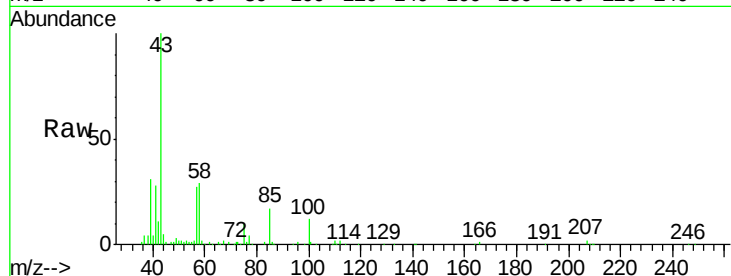
58 29.2 25.8 38.6

Manual Integrations

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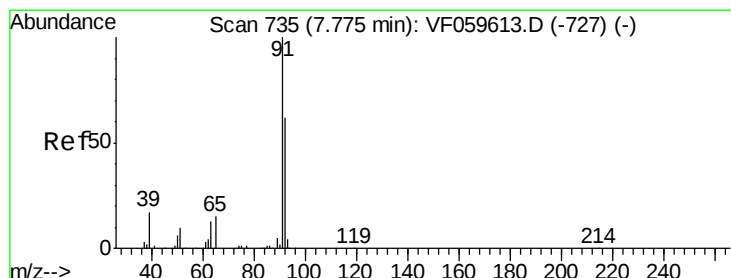
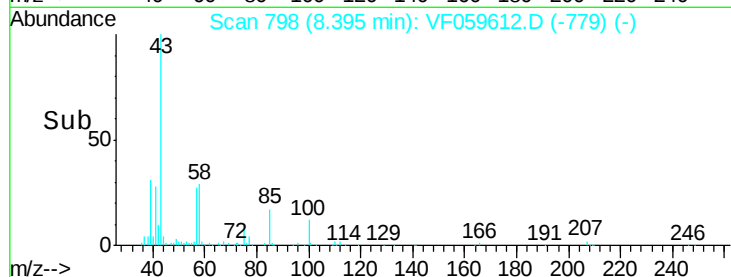
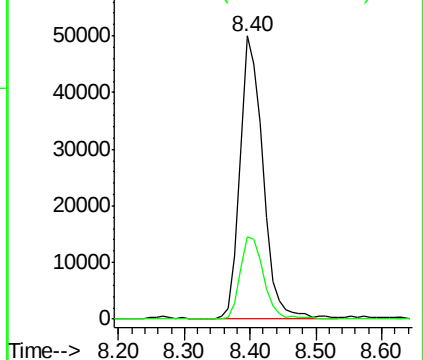
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#52

Toluene

Concen: 22.52 ug/l

RT: 7.77 min Scan# 735

Delta R.T. -0.00 min

Lab File: VF059612.D

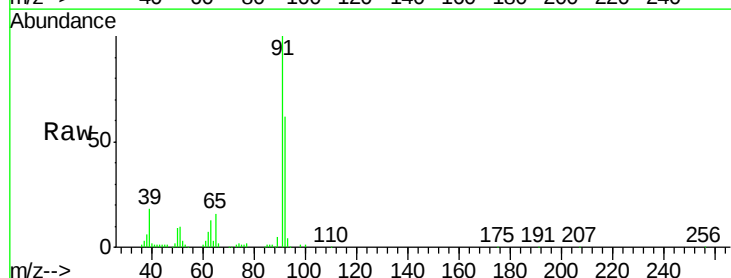
Acq: 23 Jul 2018 13:51

Tgt Ion: 92 Resp: 98227

Ion Ratio Lower Upper

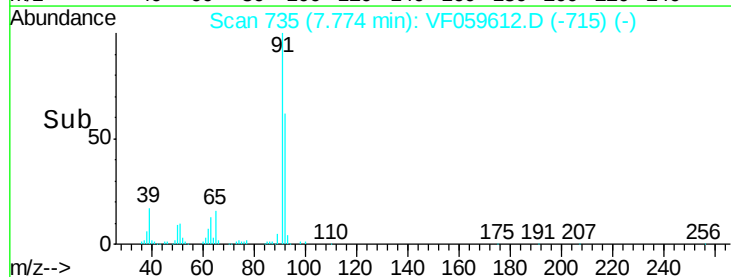
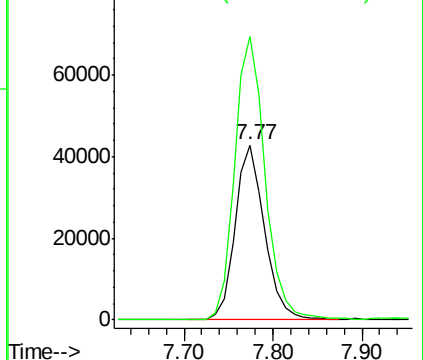
92 100

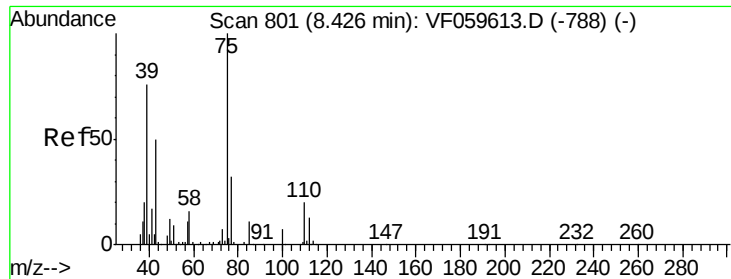
91 161.6 129.8 194.8



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0





#53

t-1,3-Dichloropropene

Concen: 21.33 ug/l

RT: 8.43 min Scan# 801

Delta R.T. -0.00 min

Lab File: VF059612.D

Acq: 23 Jul 2018 13:51

Tot Ion: 75 Resp: 72392

Ion Ratio Lower Upper

75 100

77 31.8 25.6 38.4

Instrument :

MSVOA\_F

ClientSampleId :

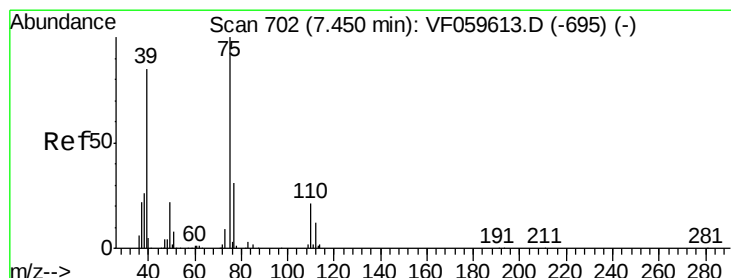
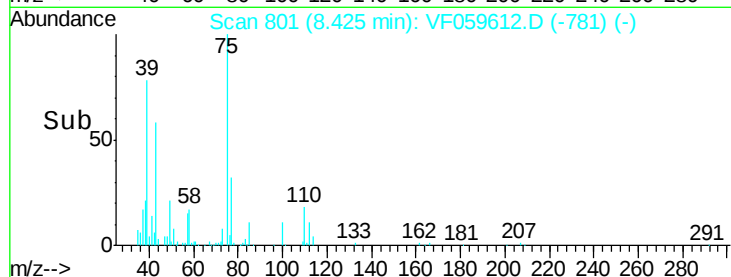
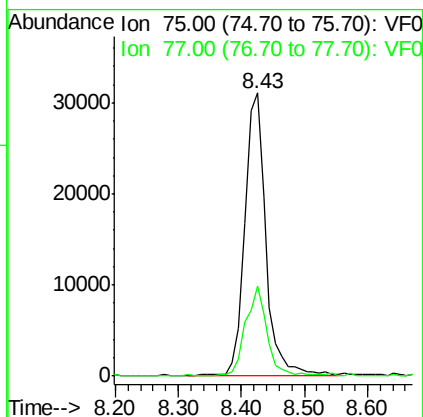
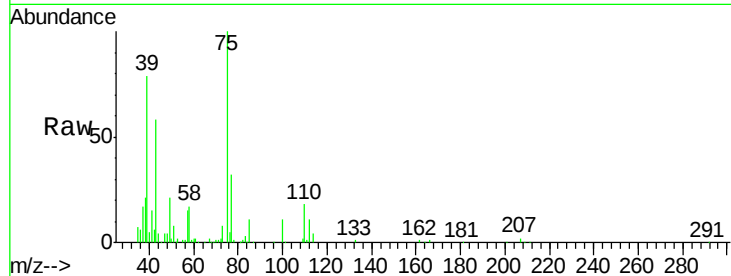
VSTDIC020

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 19.93 ug/l

RT: 7.45 min Scan# 702

Delta R.T. -0.00 min

Lab File: VF059612.D

Acq: 23 Jul 2018 13:51

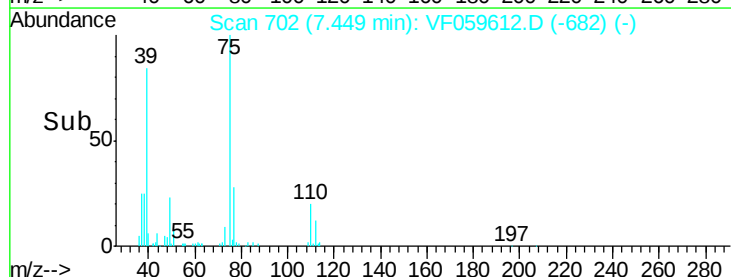
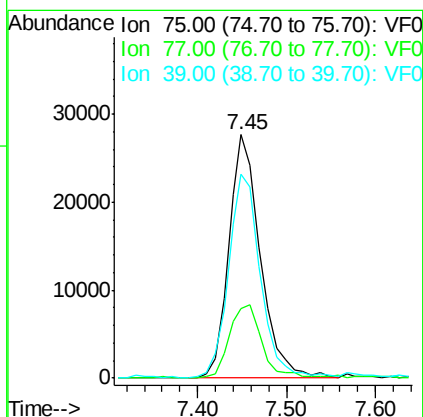
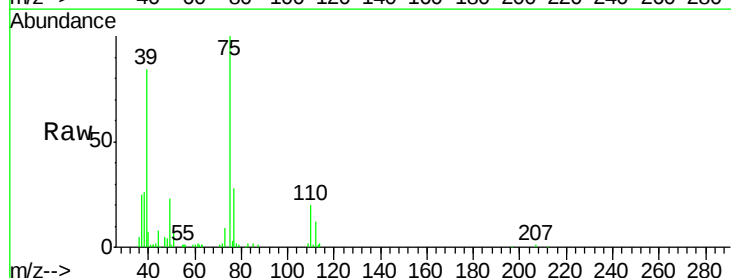
Tgt Ion: 75 Resp: 68359

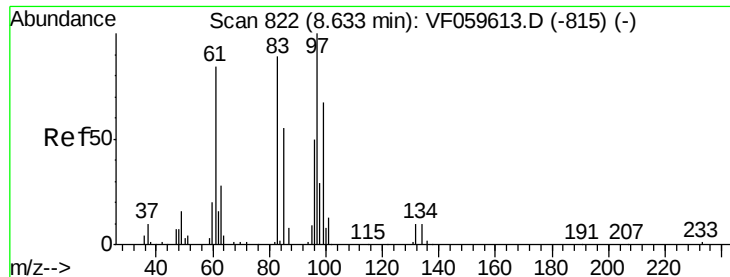
Ion Ratio Lower Upper

75 100

77 28.3 24.6 37.0

39 83.9 67.8 101.6





#55

1,1,2-Trichloroethane

Concen: 18.75 ug/l

RT: 8.63 min Scan# 822

Delta R.T. -0.00 min

Lab File: VF059612.D

Acq: 23 Jul 2018 13:51

Instrument :

MSVOA\_F

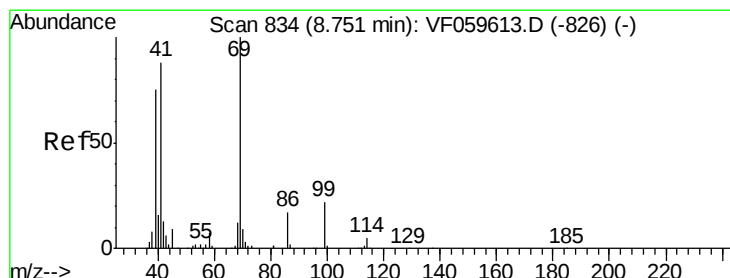
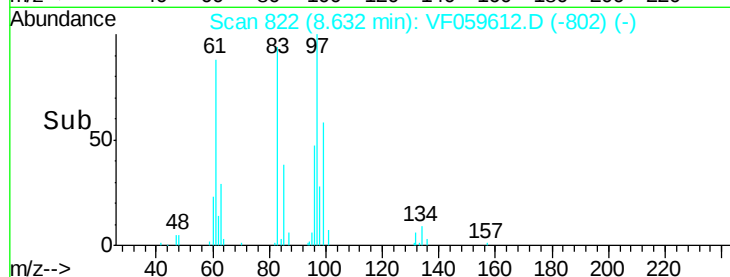
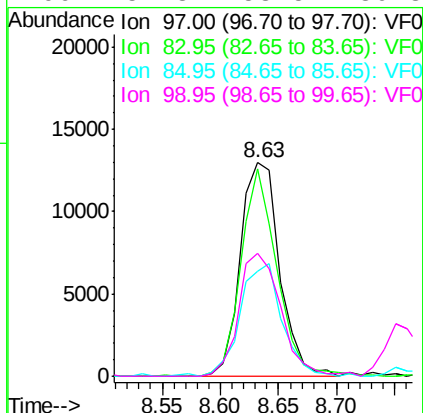
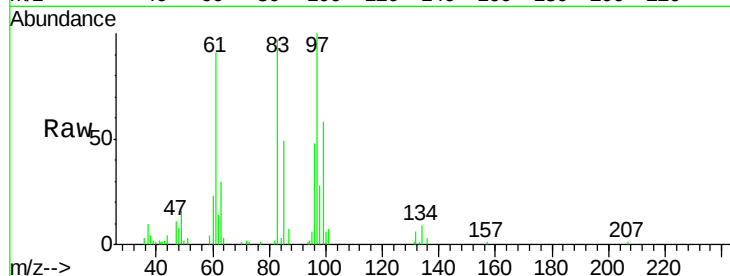
ClientSampleId :

VSTDIC020

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 30197 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 96.9  | 71.8  | 107.6 |
| 85       | 48.9  | 43.9  | 65.9  |
| 99       | 57.8  | 53.5  | 80.3  |

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#56

Ethyl methacrylate

Concen: 17.74 ug/l

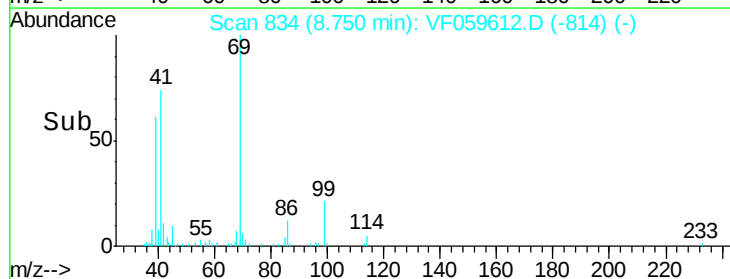
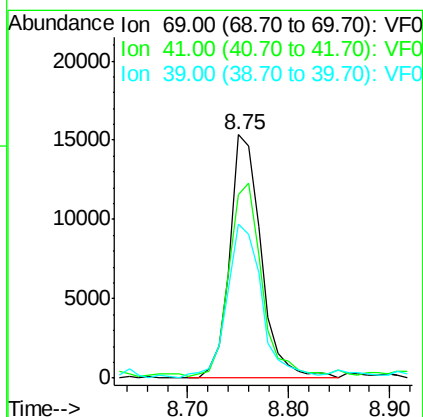
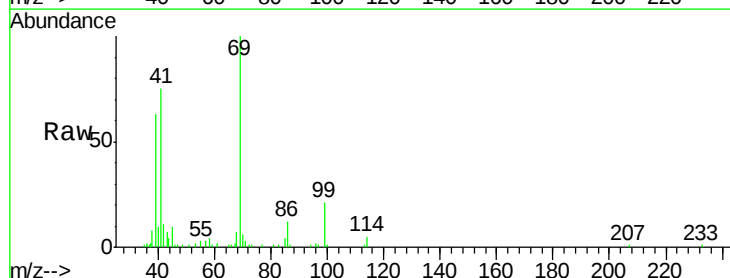
RT: 8.75 min Scan# 834

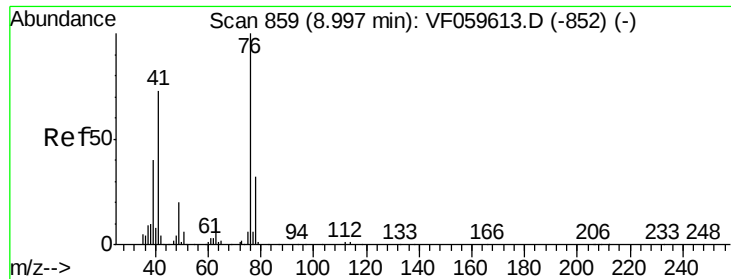
Delta R.T. -0.00 min

Lab File: VF059612.D

Acq: 23 Jul 2018 13:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 33191 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 75.1  | 70.8  | 106.2 |
| 39       | 63.2  | 60.7  | 91.1  |





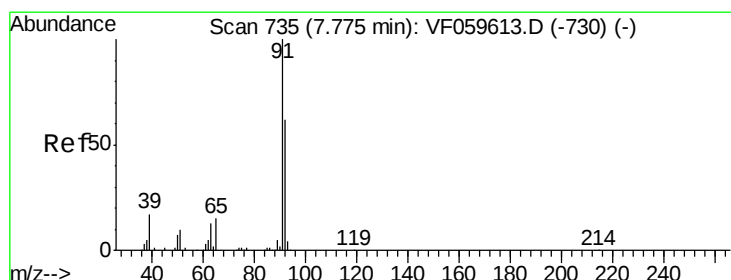
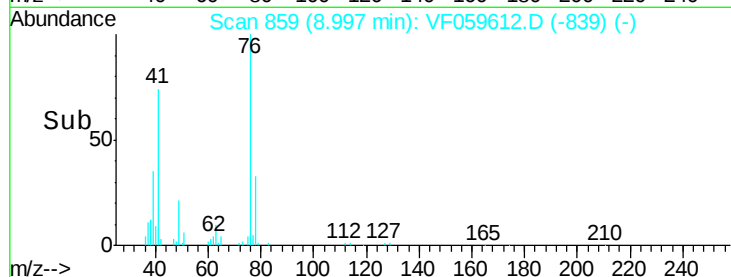
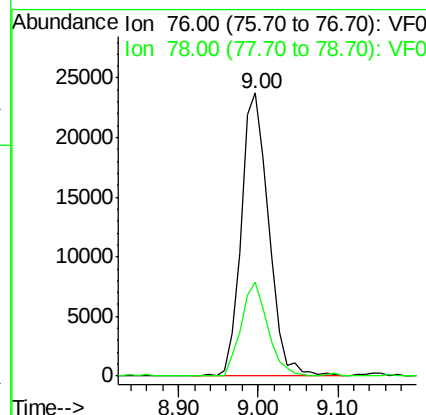
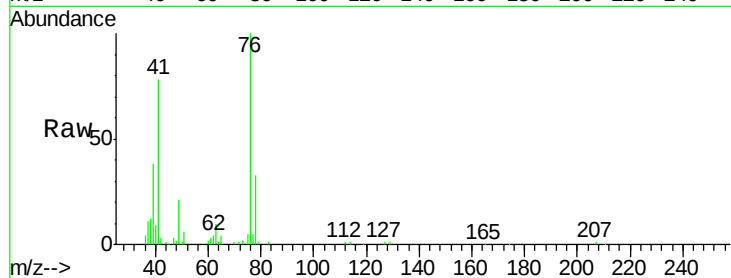
#57  
 1,3-Dichloropropane  
 Concen: 20.36 ug/l  
 RT: 9.00 min Scan# 859  
 Delta R.T. -0.00 min  
 Lab File: VF059612.D  
 Acq: 23 Jul 2018 13:51

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDIC020

Tot Ion: 76 Resp: 56613  
 Ion Ratio Lower Upper  
 76 100  
 78 33.1 25.3 37.9

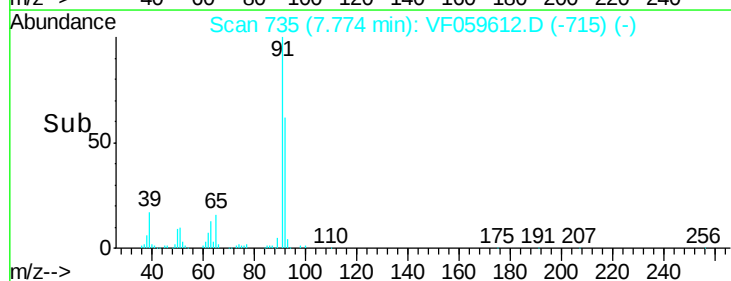
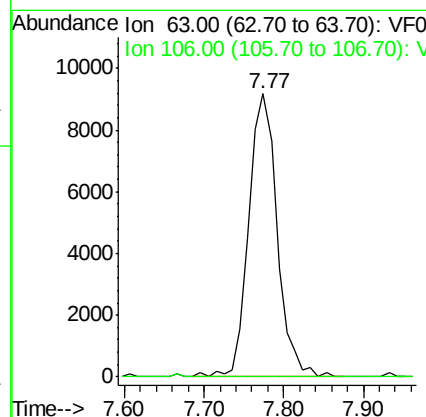
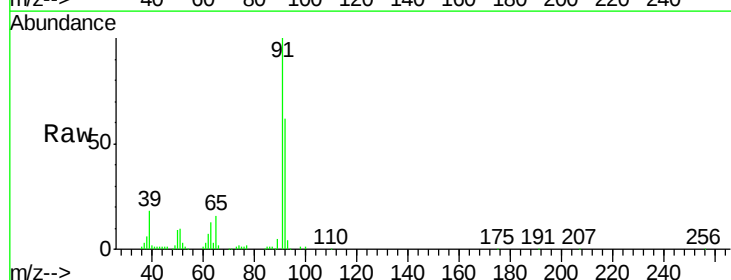
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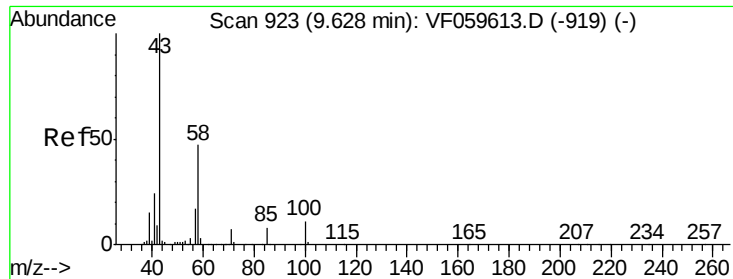
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#58  
 2-Chloroethyl Vinyl ether  
 Concen: 121.47 ug/l  
 RT: 7.77 min Scan# 735  
 Delta R.T. -0.00 min  
 Lab File: VF059612.D  
 Acq: 23 Jul 2018 13:51

Tgt Ion: 63 Resp: 22509  
 Ion Ratio Lower Upper  
 63 100  
 106 0.0 0.0 0.0





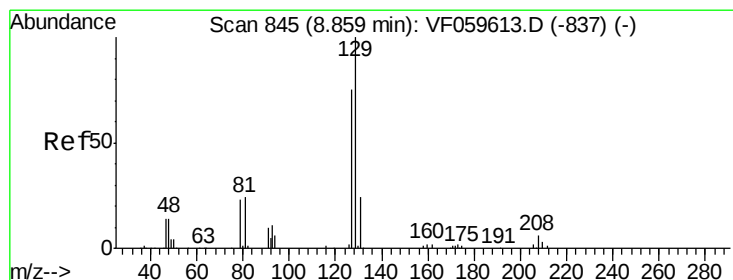
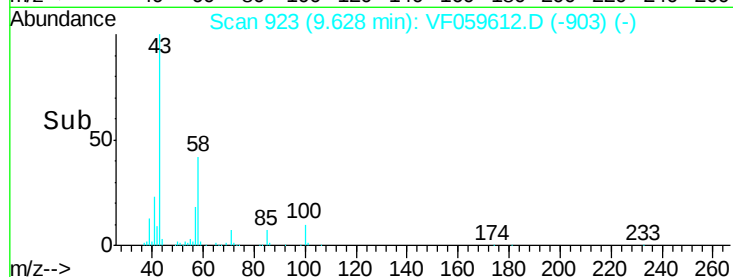
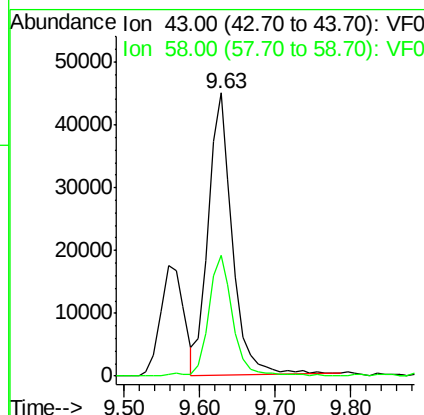
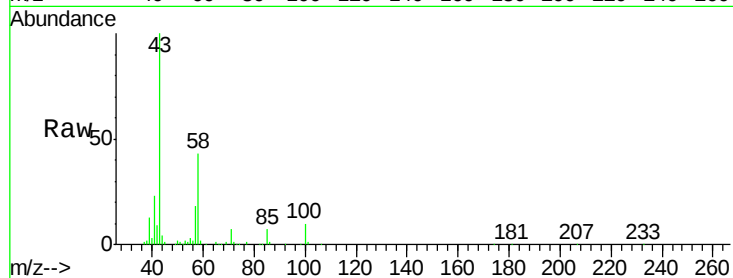
#59  
2-Hexanone  
Concen: 93.34 ug/l  
RT: 9.63 min Scan# 923  
Delta R.T. -0.00 min  
Lab File: VF059612.D  
Acq: 23 Jul 2018 13:51

Instrument :  
MSVOA\_F  
ClientSampled :  
VSTDIC020

Tot Ion: 43 Resp: 99171  
Ion Ratio Lower Upper  
43 100  
58 42.8 21.1 63.4

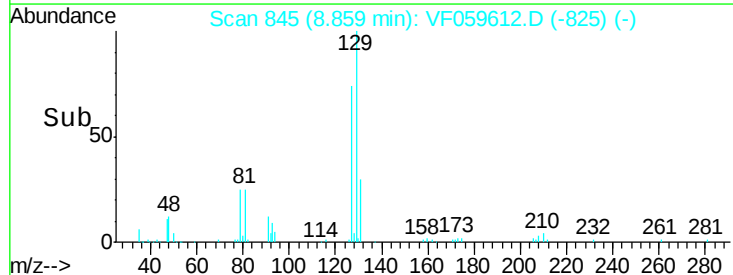
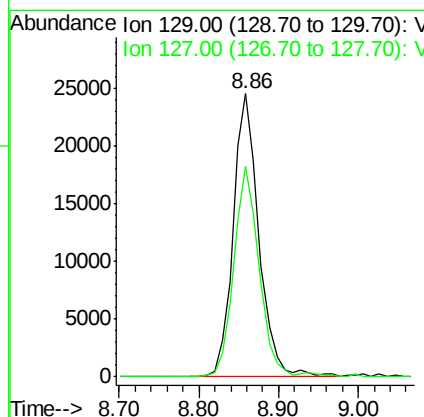
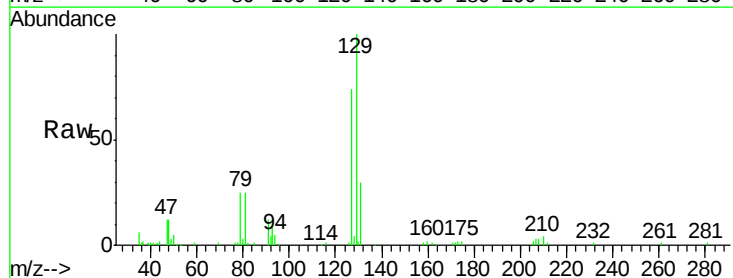
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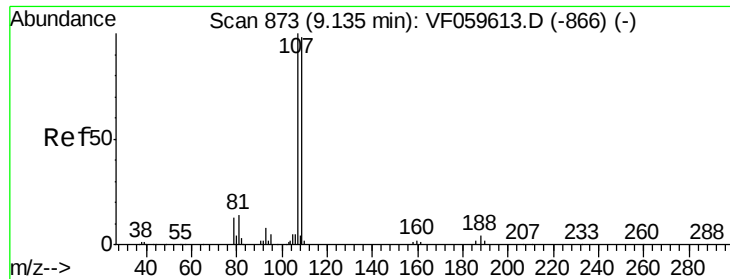
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#60  
Dibromochloromethane  
Concen: 20.00 ug/l  
RT: 8.86 min Scan# 845  
Delta R.T. -0.00 min  
Lab File: VF059612.D  
Acq: 23 Jul 2018 13:51

Tgt Ion: 129 Resp: 55199  
Ion Ratio Lower Upper  
129 100  
127 74.2 37.5 112.7





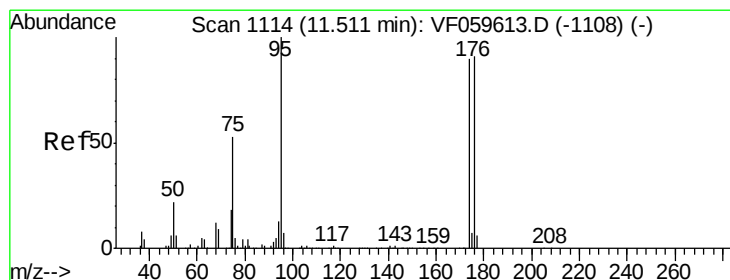
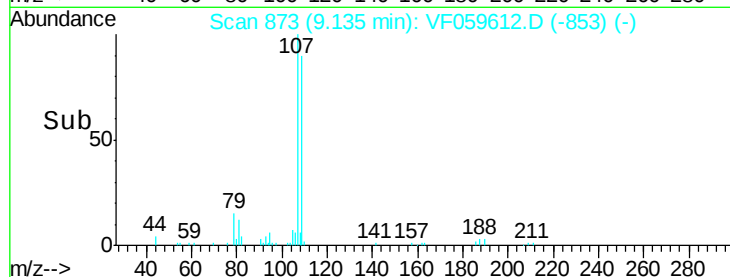
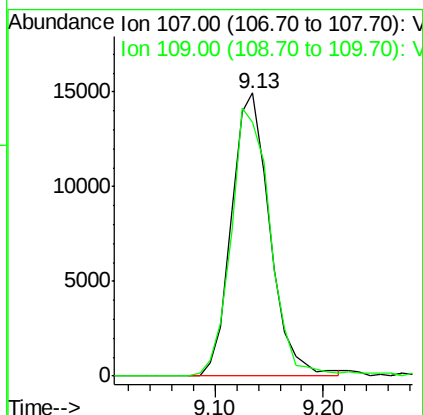
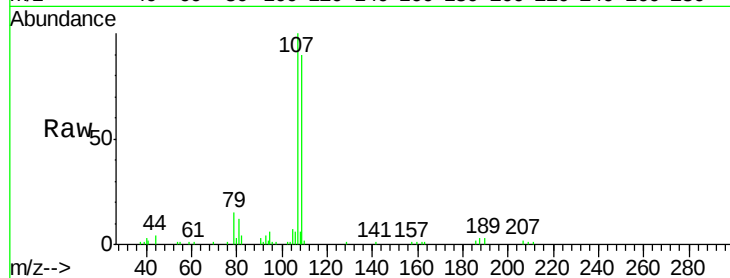
#61  
 1,2-Dibromoethane  
 Concen: 19.41 ug/l  
 RT: 9.13 min Scan# 873  
 Delta R.T. -0.00 min  
 Lab File: VF059612.D  
 Acq: 23 Jul 2018 13:51

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDIC020

Tot Ion:107 Resp: 36761  
 Ion Ratio Lower Upper  
 107 100  
 109 89.7 78.2 117.4

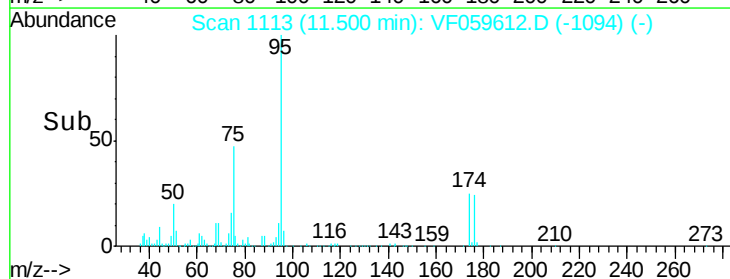
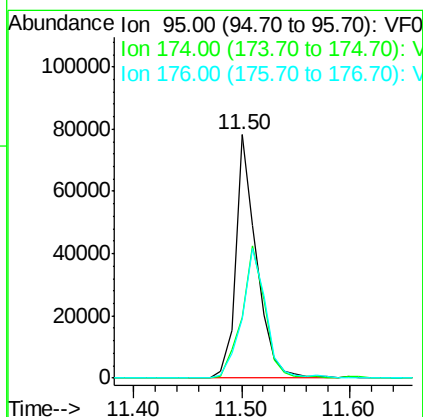
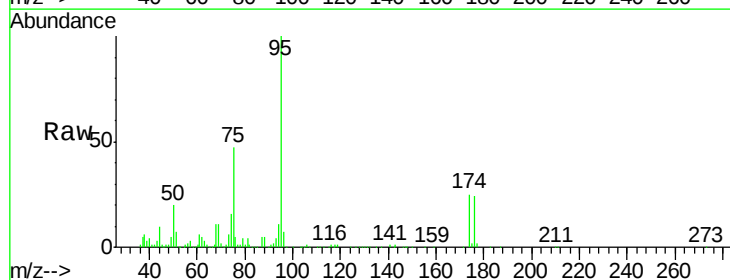
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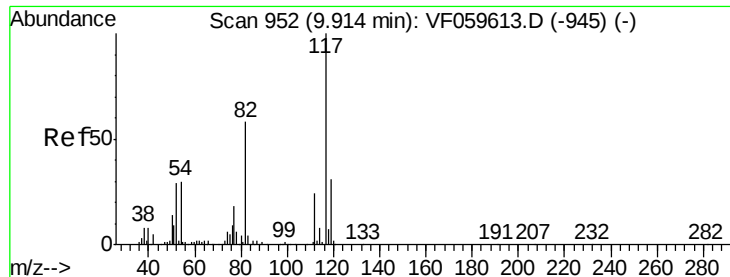
apatel  
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#62  
 4-Bromofluorobenzene  
 Concen: 28.43 ug/l  
 RT: 11.50 min Scan# 1113  
 Delta R.T. -0.01 min  
 Lab File: VF059612.D  
 Acq: 23 Jul 2018 13:51

Tgt Ion: 95 Resp: 104398  
 Ion Ratio Lower Upper  
 95 100  
 174 25.1 0.0 180.6  
 176 24.2 0.0 182.4





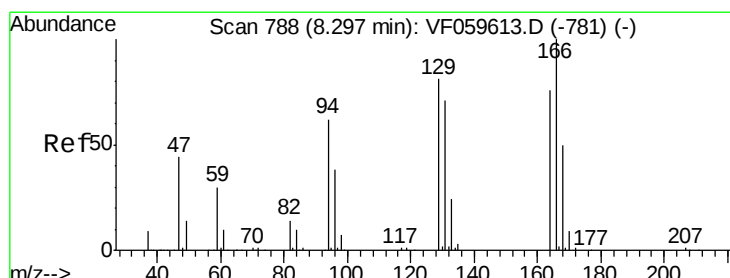
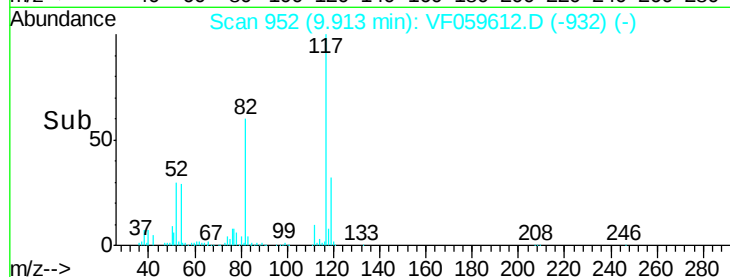
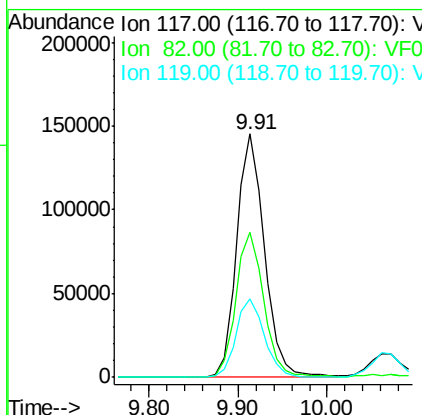
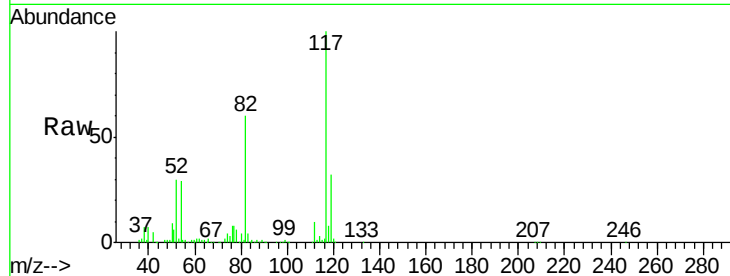
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 9.91 min Scan# 952  
Delta R.T. -0.00 min  
Lab File: VF059612.D  
Acq: 23 Jul 2018 13:51

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 59.5  | 46.5  | 69.7  |
| 119     | 32.1  | 24.4  | 36.6  |

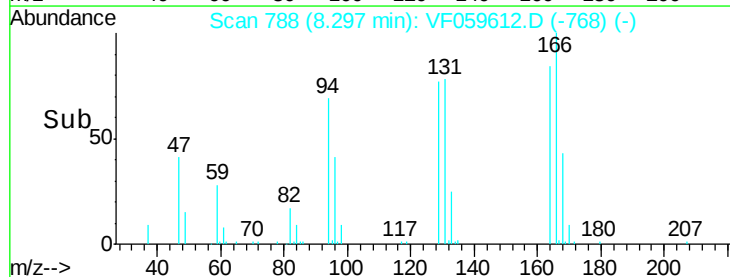
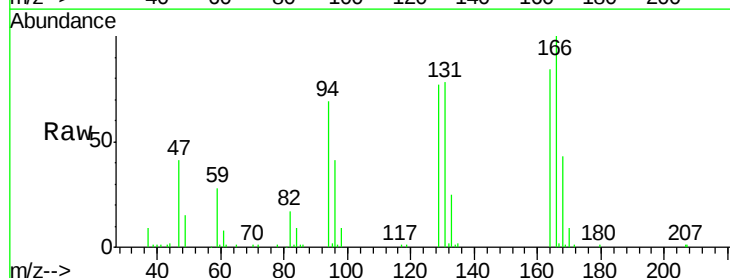
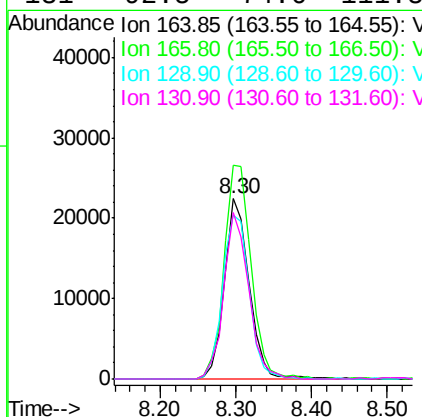
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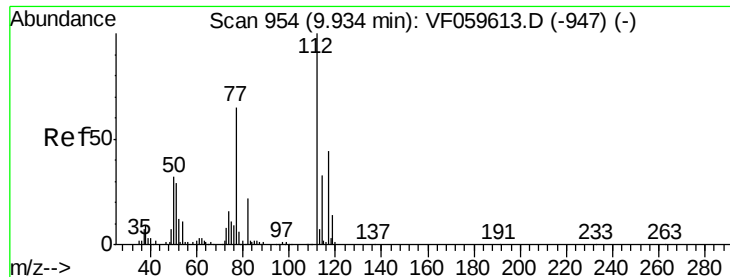
apatel  
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#64  
Tetrachloroethene  
Concen: 21.08 ug/l  
RT: 8.30 min Scan# 788  
Delta R.T. -0.00 min  
Lab File: VF059612.D  
Acq: 23 Jul 2018 13:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 118.4 | 104.8 | 157.2 |
| 129     | 90.9  | 85.3  | 127.9 |
| 131     | 92.5  | 74.6  | 111.8 |





#65

Chlorobenzene

Concen: 20.45 ug/l

RT: 9.93 min Scan# 954

Delta R.T. -0.00 min

Lab File: VF059612.D

Acq: 23 Jul 2018 13:51

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC020

Tot Ion:112 Resp: 123052

Ion Ratio Lower Upper

112 100

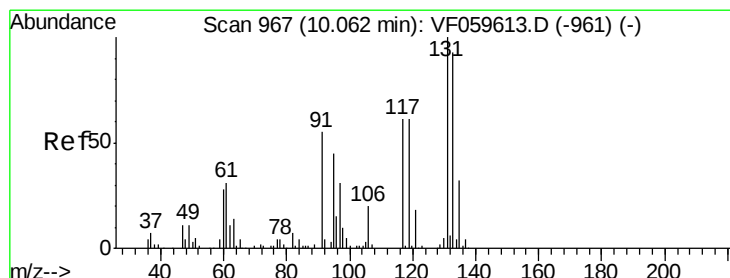
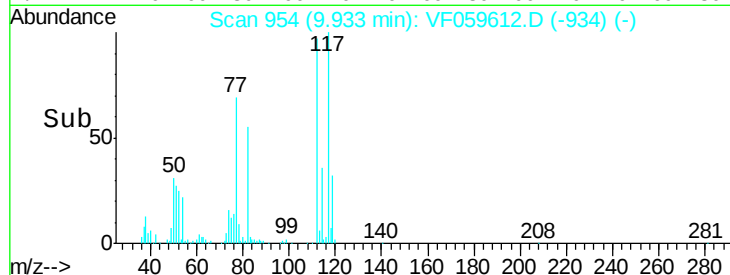
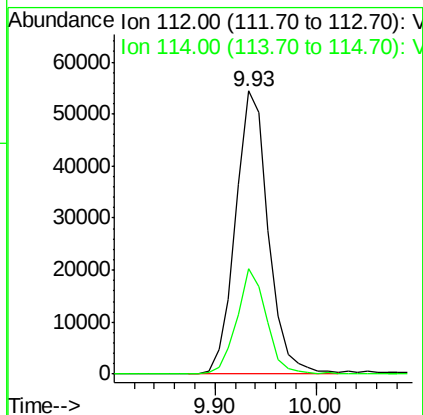
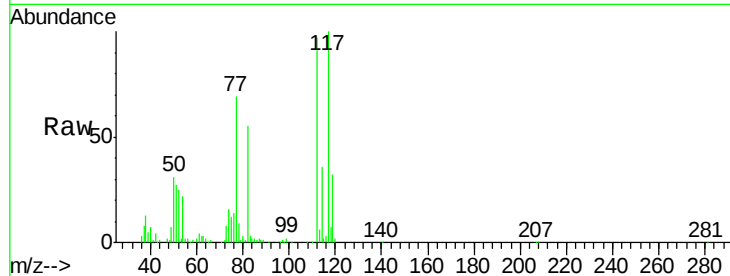
114 37.4 26.8 40.2

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#66

1,1,1,2-Tetrachloroethane

Concen: 20.04 ug/l

RT: 10.06 min Scan# 967

Delta R.T. -0.00 min

Lab File: VF059612.D

Acq: 23 Jul 2018 13:51

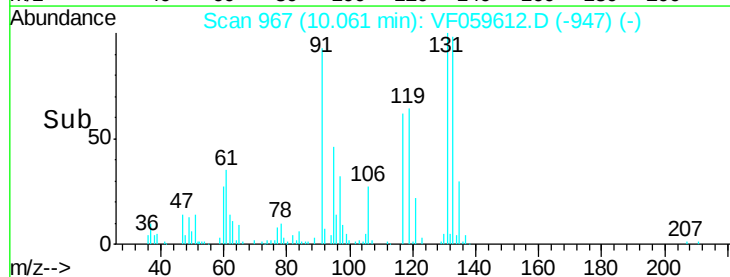
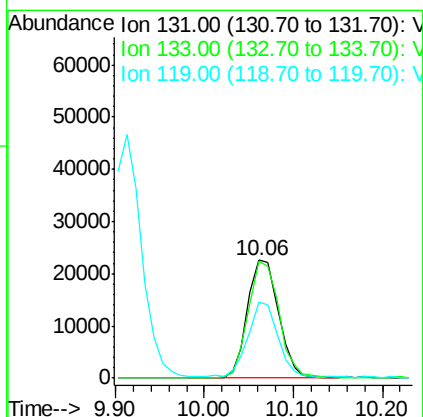
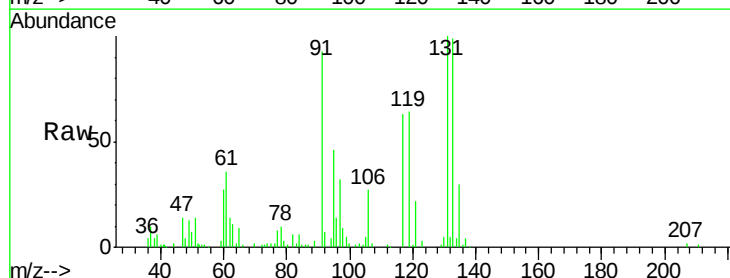
Tgt Ion:131 Resp: 54756

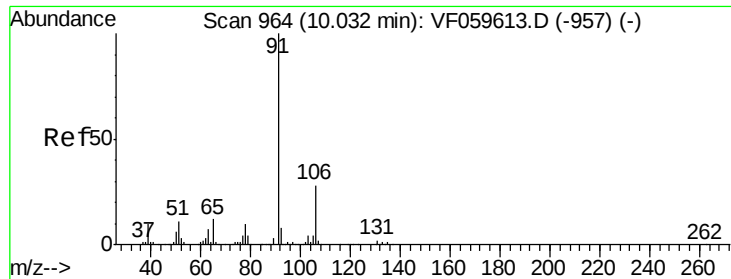
Ion Ratio Lower Upper

131 100

133 98.8 46.4 139.2

119 64.4 30.6 91.8





#67

Ethyl Benzene

Concen: 21.35 ug/l

RT: 10.03 min Scan# 964

Delta R.T. -0.00 min

Lab File: VF059612.D

Acq: 23 Jul 2018 13:51

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC020

Tot Ion: 91 Resp: 228817

Ion Ratio Lower Upper

91 100

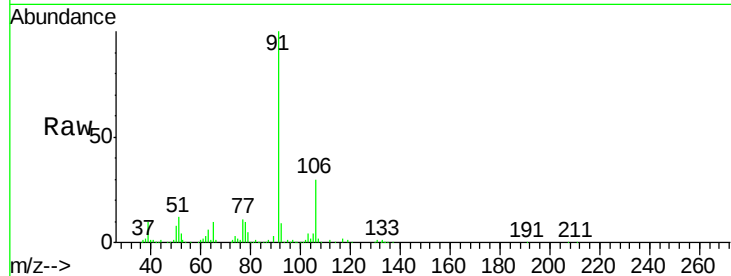
106 29.5 22.5 33.7

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Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V

10.03

120000

100000

80000

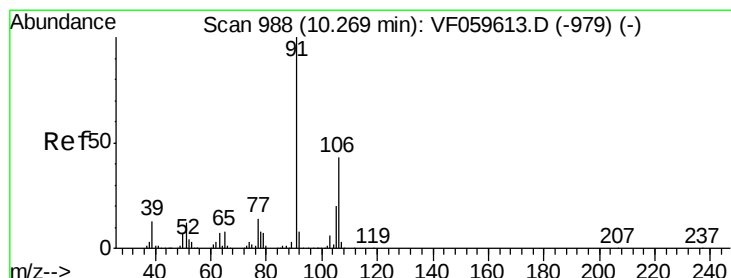
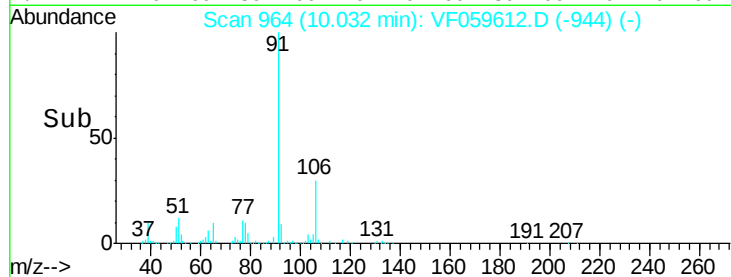
60000

40000

20000

0

Time--> 9.90 10.00 10.10 10.20



#68

m/p-Xylenes

Concen: 43.68 ug/l

RT: 10.26 min Scan# 987

Delta R.T. -0.01 min

Lab File: VF059612.D

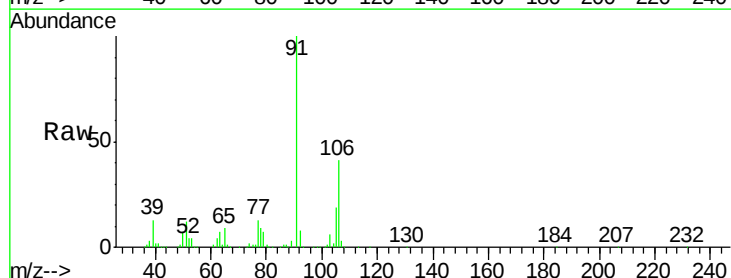
Acq: 23 Jul 2018 13:51

Tgt Ion: 106 Resp: 160211

Ion Ratio Lower Upper

106 100

91 245.2 187.0 280.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0

10.26

200000

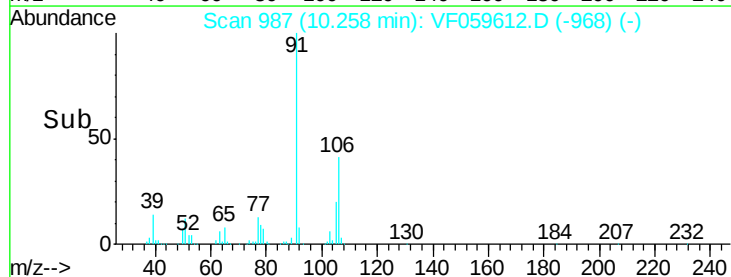
150000

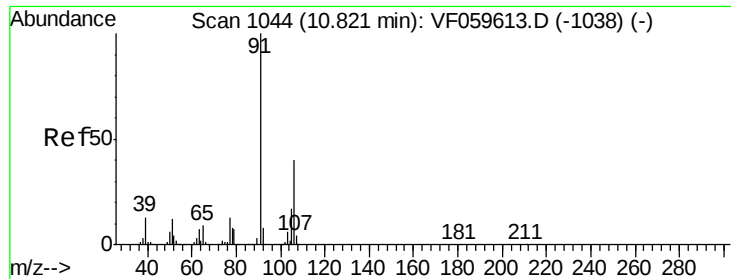
100000

50000

0

Time--> 10.20 10.30





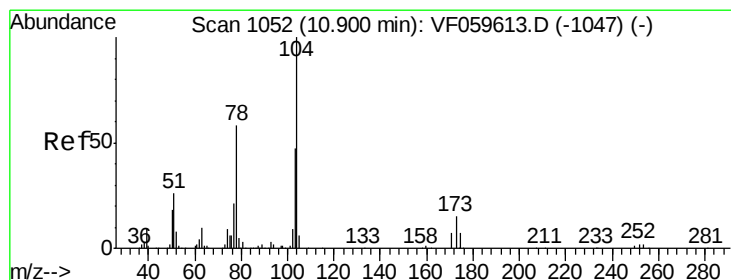
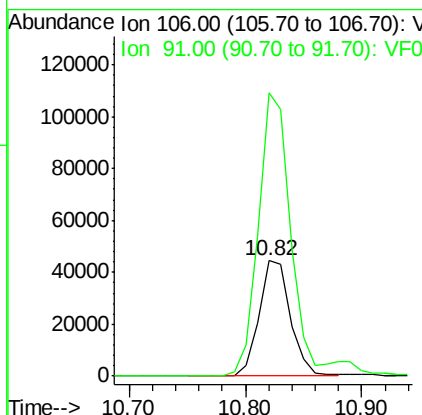
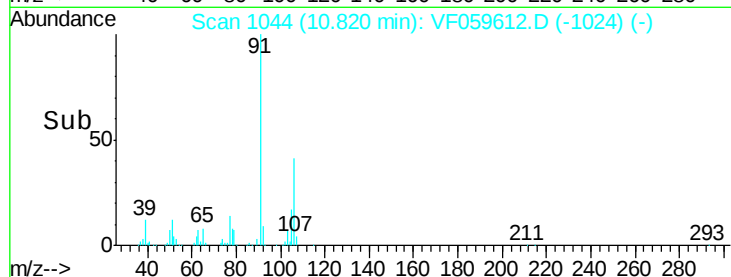
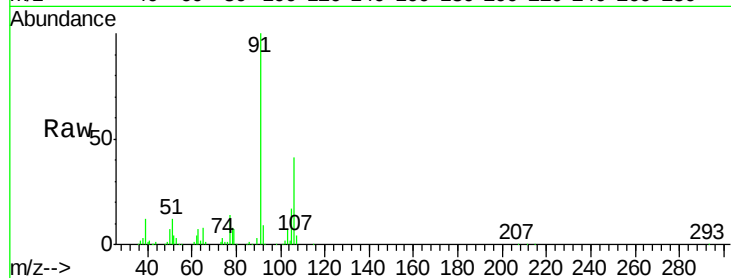
#69  
o-Xylene  
Concen: 20.57 ug/l  
RT: 10.82 min Scan# 1044  
Delta R.T. -0.00 min  
Lab File: VF059612.D  
Acq: 23 Jul 2018 13:51

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC020

Tot Ion:106 Resp: 83064  
Ion Ratio Lower Upper  
106 100  
91 245.2 125.8 377.3

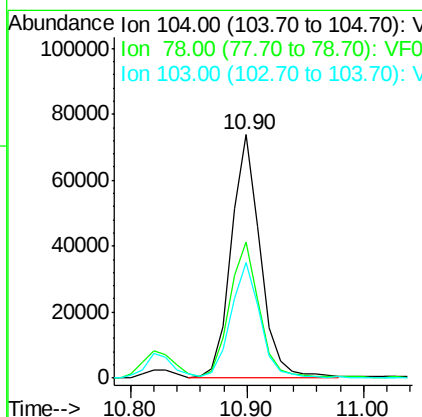
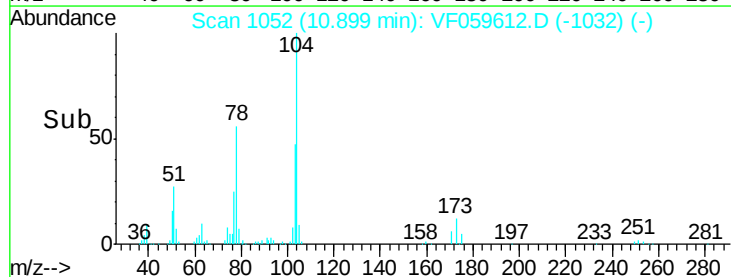
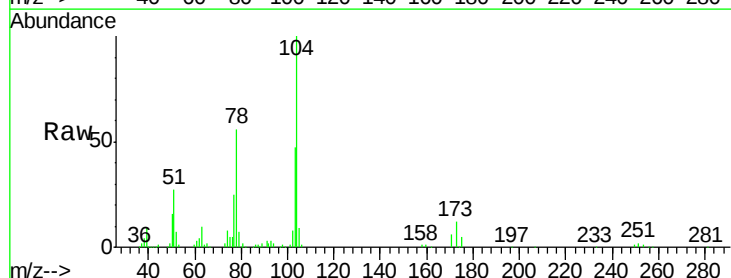
Manual Integrations  
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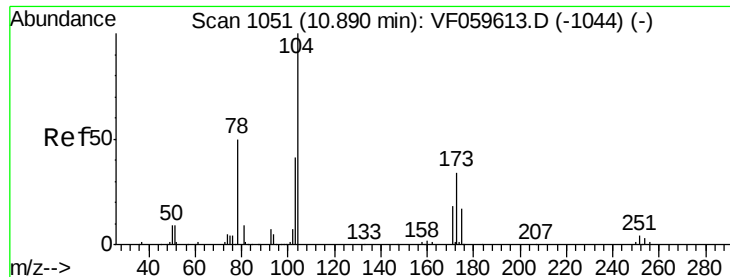
apatel  
7/24/2018 1:13:32 PM



#70  
Styrene  
Concen: 21.05 ug/l  
RT: 10.90 min Scan# 1052  
Delta R.T. -0.00 min  
Lab File: VF059612.D  
Acq: 23 Jul 2018 13:51

Tgt Ion:104 Resp: 126410  
Ion Ratio Lower Upper  
104 100  
78 55.8 47.4 71.2  
103 47.3 38.8 58.2





#71

Bromoform

Concen: 18.60 ug/l

RT: 10.89 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VF059612.D

Acq: 23 Jul 2018 13:51

Instrument :

MSVOA\_F

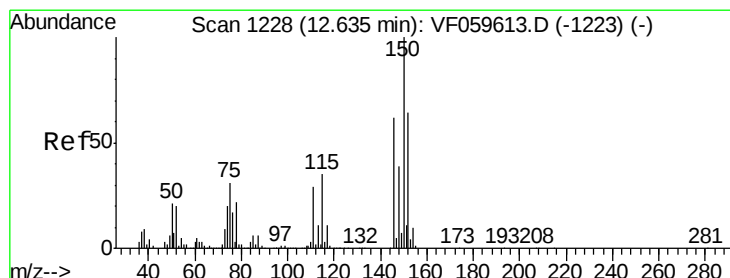
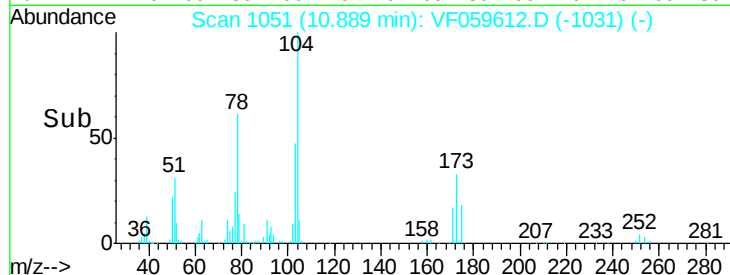
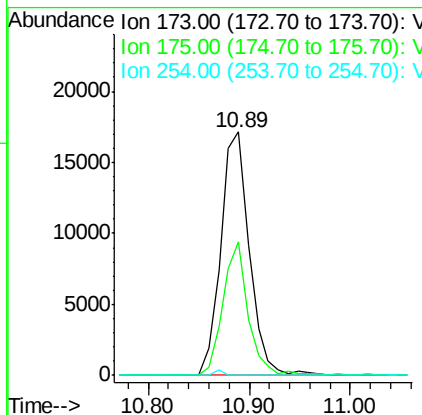
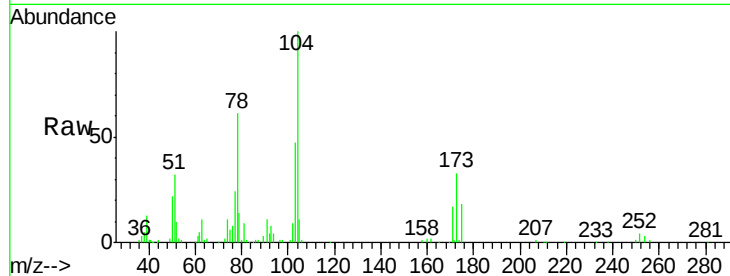
ClientSampleId :

VSTDIC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 53.7  | 25.1  | 75.2  |
| 254     | 0.0   | 0.0   | 0.0   |

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

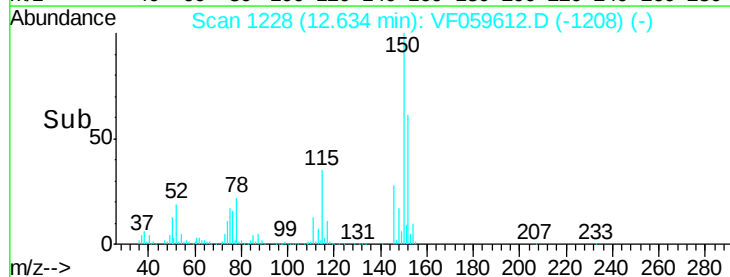
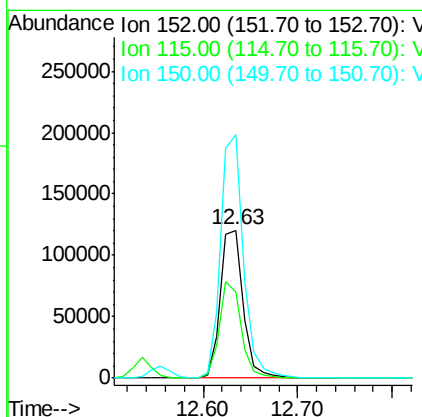
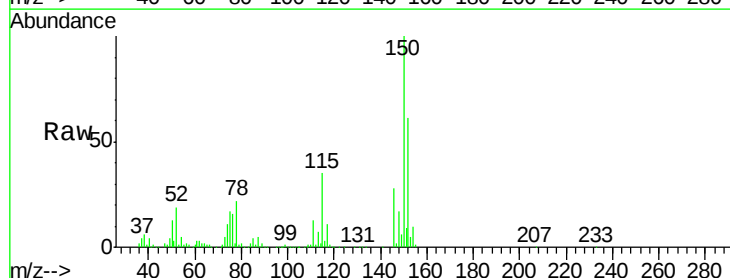
RT: 12.63 min Scan# 1228

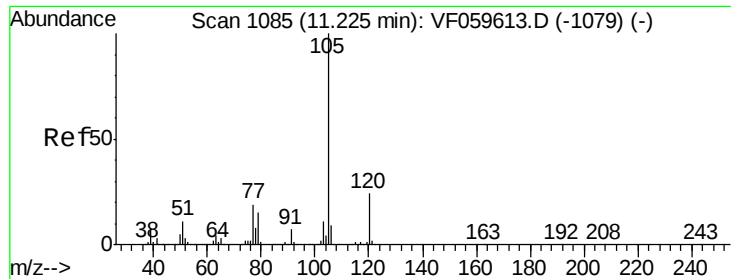
Delta R.T. -0.00 min

Lab File: VF059612.D

Acq: 23 Jul 2018 13:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 57.9  | 27.8  | 83.4  |
| 150     | 164.5 | 0.0   | 314.6 |





#73

Isopropylbenzene

Concen: 21.73 ug/l

RT: 11.22 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VF059612.D

Acq: 23 Jul 2018 13:51

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC020

Tot Ion: 105 Resp: 280797

Ion Ratio Lower Upper

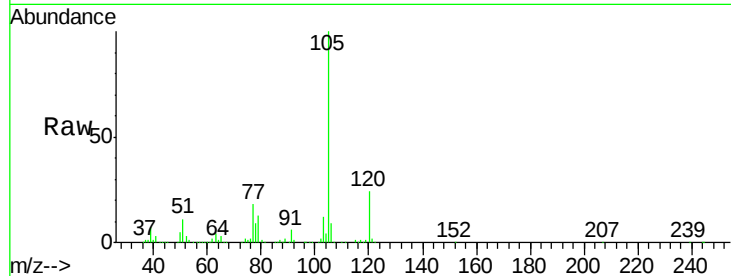
105 100

120 23.8 11.8 35.4

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.22

150000

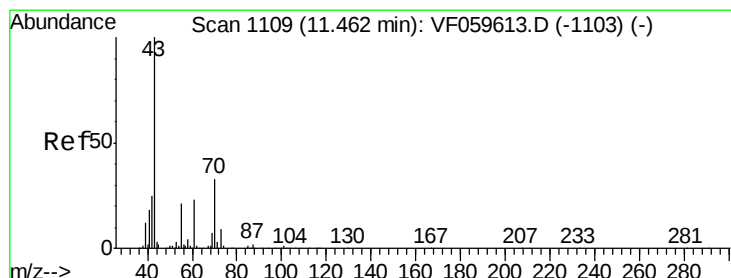
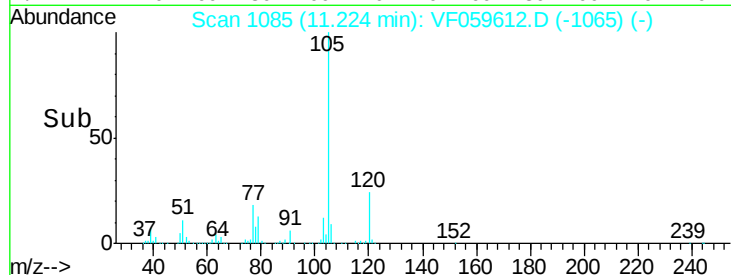
100000

50000

0

Time-->

11.10 11.20 11.30 11.40



#74

N-ethyl acetate

Concen: 16.33 ug/l

RT: 11.46 min Scan# 1109

Delta R.T. -0.00 min

Lab File: VF059612.D

Acq: 23 Jul 2018 13:51

Tgt Ion: 43 Resp: 56319

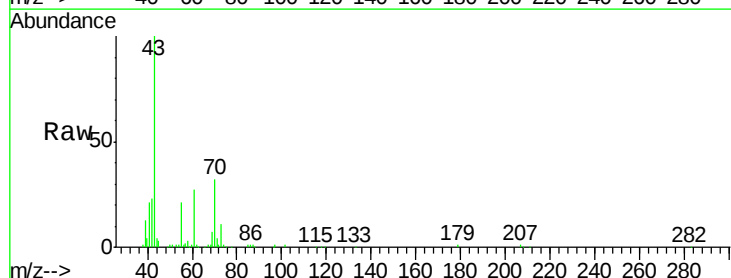
Ion Ratio Lower Upper

43 100

70 32.0 26.6 40.0

55 21.0 17.0 25.6

61 27.4 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

11.46

50000

40000

30000

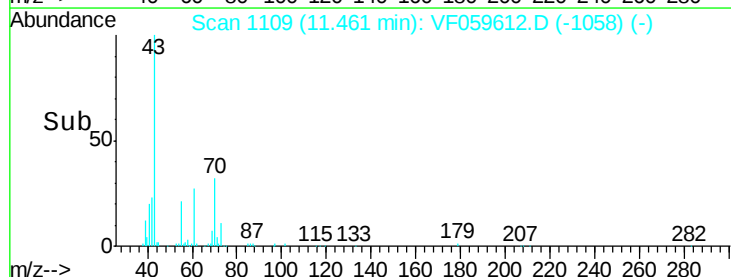
20000

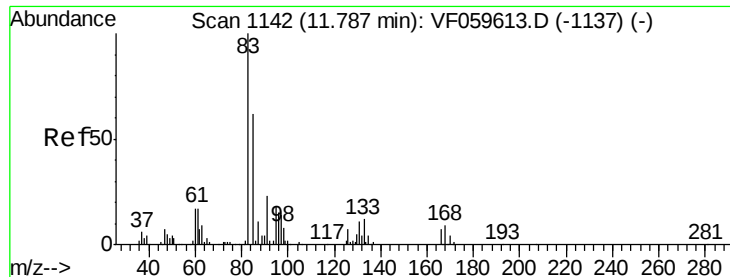
10000

0

Time-->

11.40 11.50 11.60





#75

1,1,2,2-Tetrachloroethane

Concen: 17.81 ug/l

RT: 11.79 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VF059612.D

Acq: 23 Jul 2018 13:51

Instrument :

MSVOA\_F

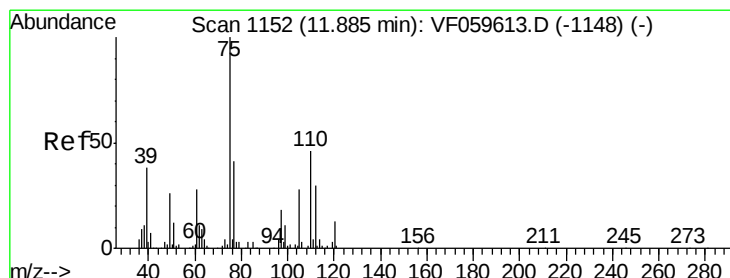
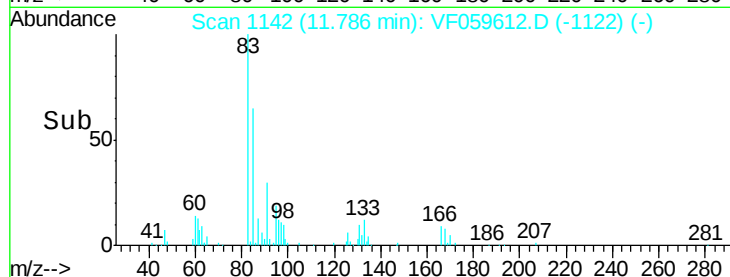
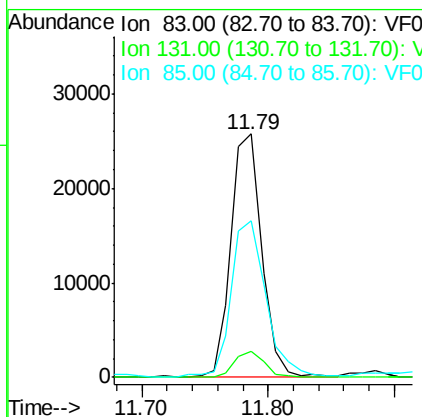
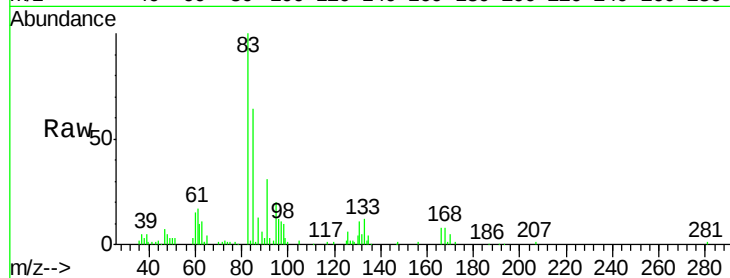
ClientSampleId :

VSTDIC020

| Tot Ion   | 83   | Resp  | 43743 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 83        | 100  |       |       |
| 131       | 10.7 | 5.7   | 17.0  |
| 85        | 64.1 | 31.1  | 93.3  |

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#76

1,2,3-Trichloropropane

Concen: 18.49 ug/l

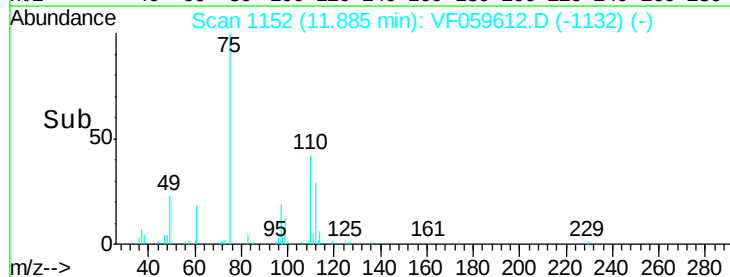
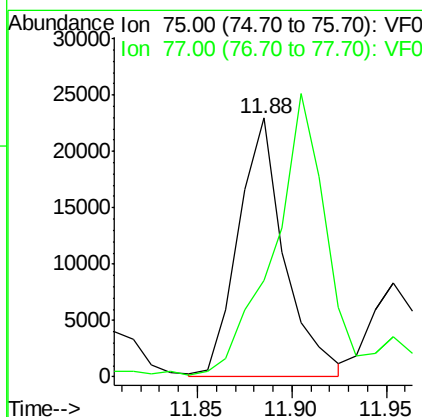
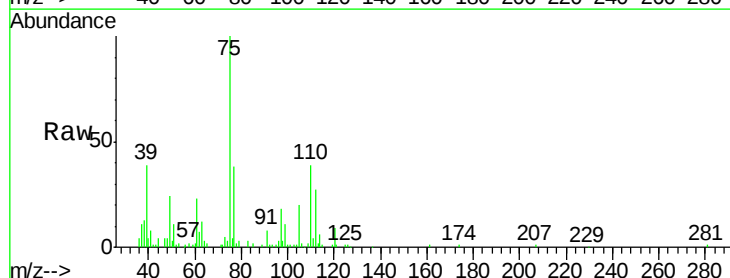
RT: 11.88 min Scan# 1152

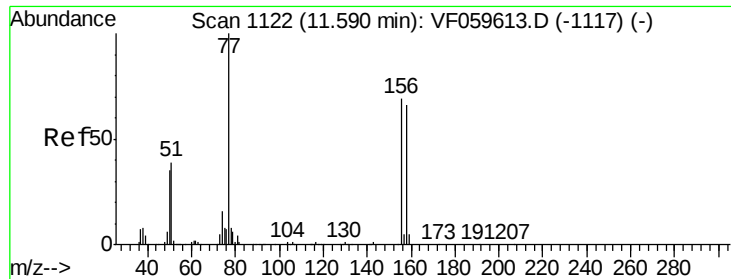
Delta R.T. -0.00 min

Lab File: VF059612.D

Acq: 23 Jul 2018 13:51

| Tgt Ion   | 75   | Resp  | 38701 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 75        | 100  |       |       |
| 77        | 37.5 | 20.9  | 62.8  |





#77

Bromobenzene

Concen: 19.72 ug/l

RT: 11.59 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VF059612.D

Acq: 23 Jul 2018 13:51

Instrument :

MSVOA\_F

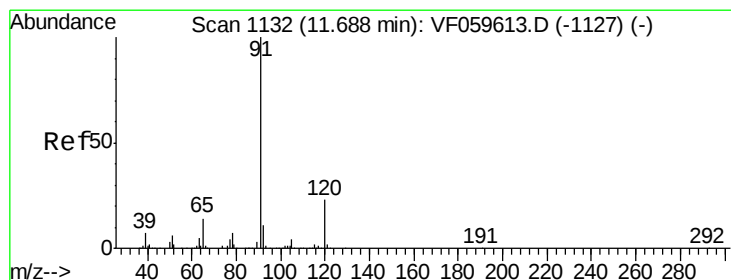
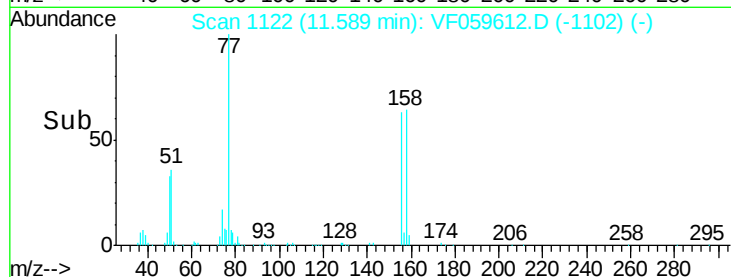
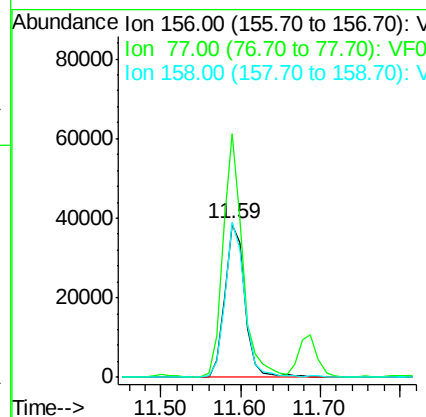
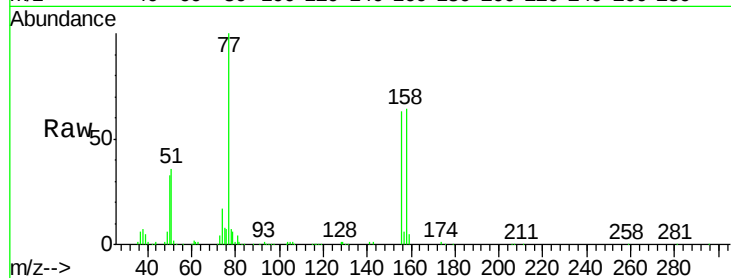
ClientSampleId :

VSTDIC020

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 156   | Resp: | 68946 |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 159.3 | 72.1  | 216.3 |
| 158       | 101.9 | 47.3  | 141.9 |

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#78

n-propylbenzene

Concen: 21.56 ug/l

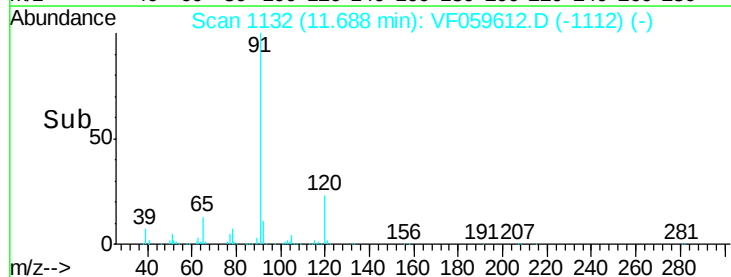
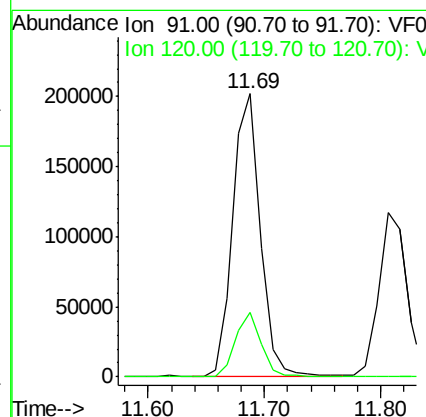
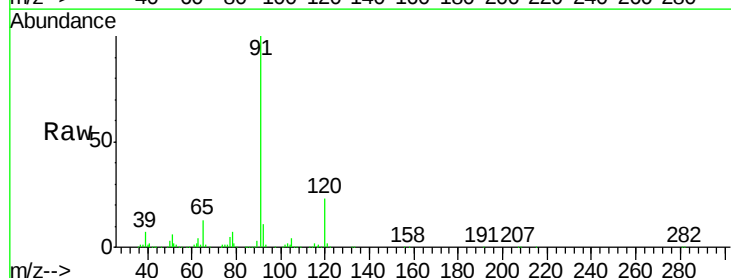
RT: 11.69 min Scan# 1132

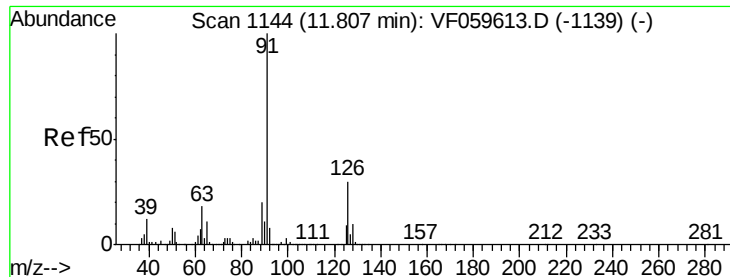
Delta R.T. -0.00 min

Lab File: VF059612.D

Acq: 23 Jul 2018 13:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 330144 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 22.7  | 11.6  | 34.7   |





#79

2-Chlorotoluene

Concen: 20.73 ug/l

RT: 11.81 min Scan# 1144

Delta R.T. -0.00 min

Lab File: VF059612.D

Acq: 23 Jul 2018 13:51

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC020

Tot Ion: 91 Resp: 192504

Ion Ratio Lower Upper

91 100

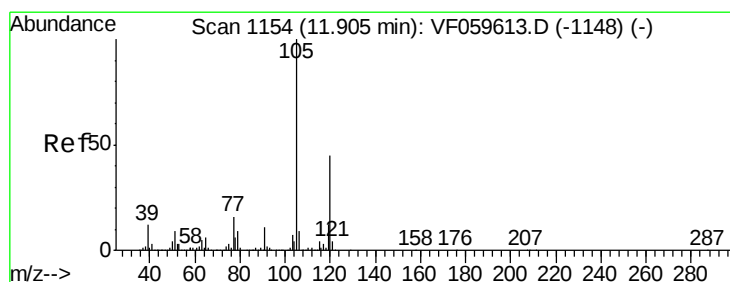
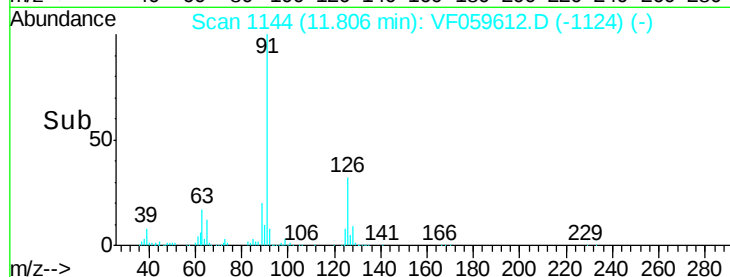
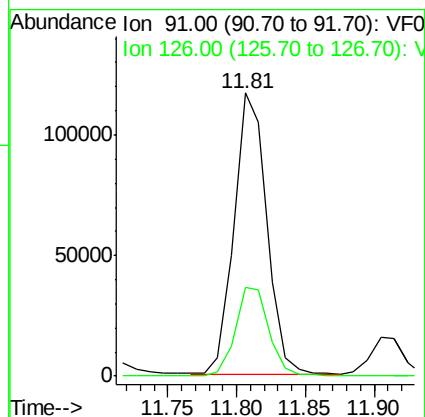
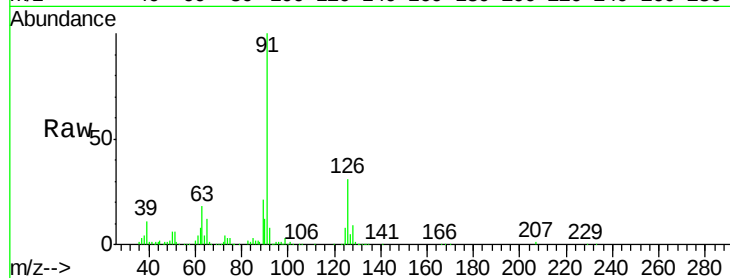
126 31.5 15.1 45.3

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#80

1,3,5-Trimethylbenzene

Concen: 22.07 ug/l

RT: 11.90 min Scan# 1154

Delta R.T. -0.00 min

Lab File: VF059612.D

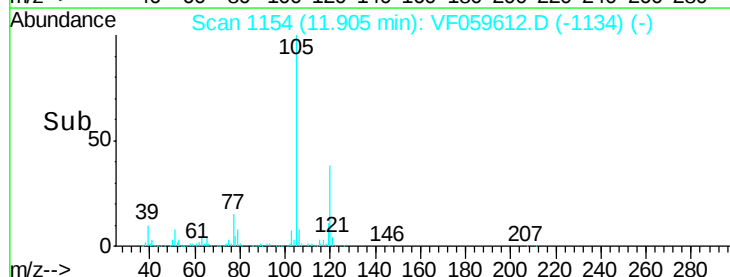
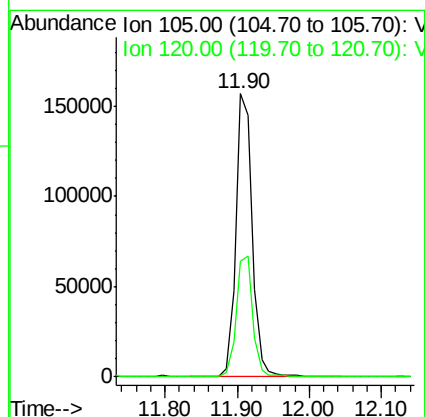
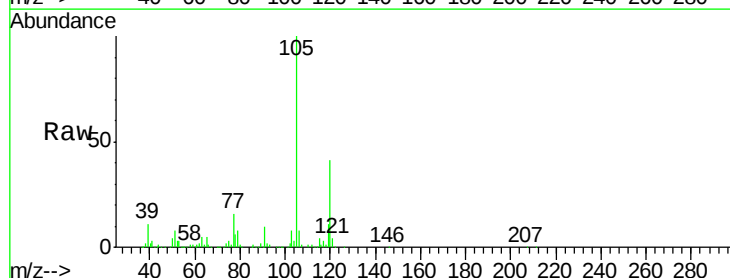
Acq: 23 Jul 2018 13:51

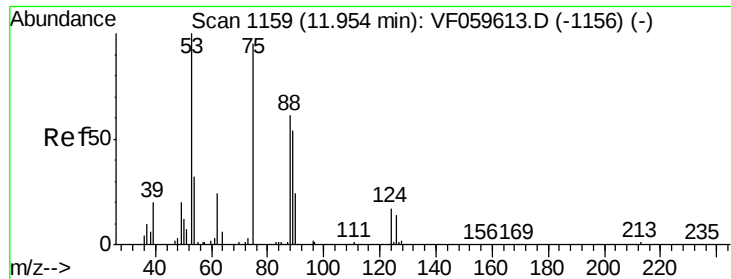
Tgt Ion: 105 Resp: 249797

Ion Ratio Lower Upper

105 100

120 41.0 22.4 67.0





#81

trans-1,4-Dichloro-2-butene

Concen: 14.77 ug/l m

RT: 11.95 min Scan# 1159

Delta R.T. -0.00 min

Lab File: VF059612.D

Acq: 23 Jul 2018 13:51

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC020

Tot Ion: 75 Resp: 15879

Ion Ratio Lower Upper

75 100

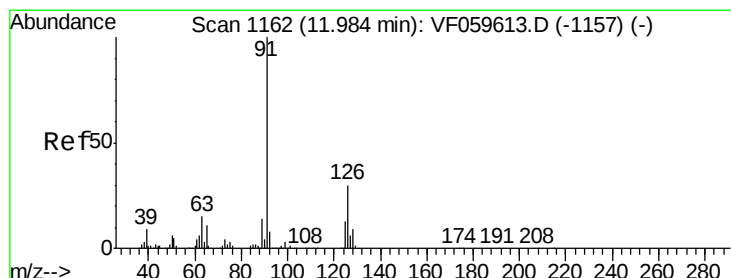
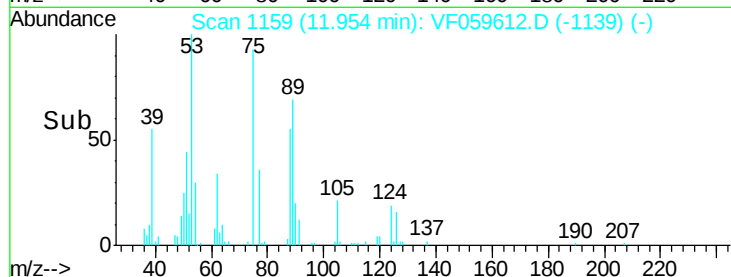
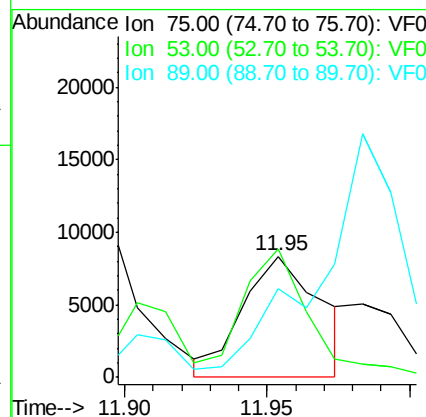
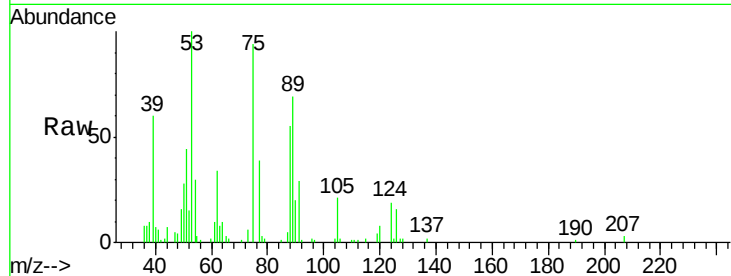
53 106.5 86.4 129.6

89 73.7 46.8 70.2#

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#82

4-Chlorotoluene

Concen: 20.93 ug/l

RT: 11.98 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VF059612.D

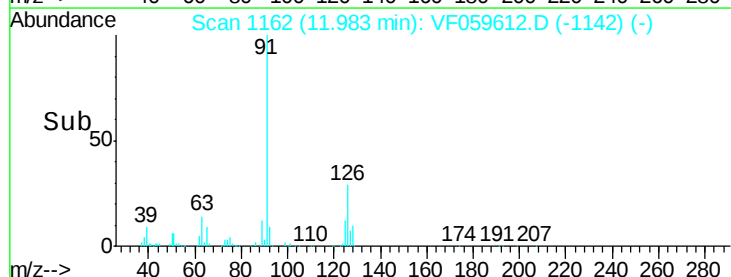
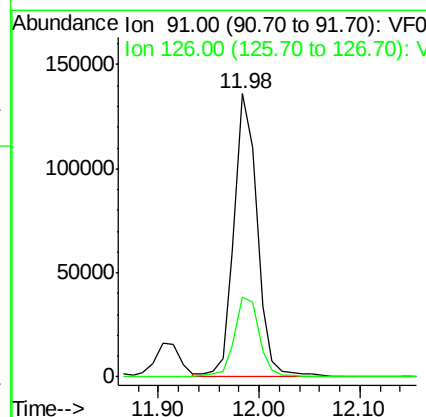
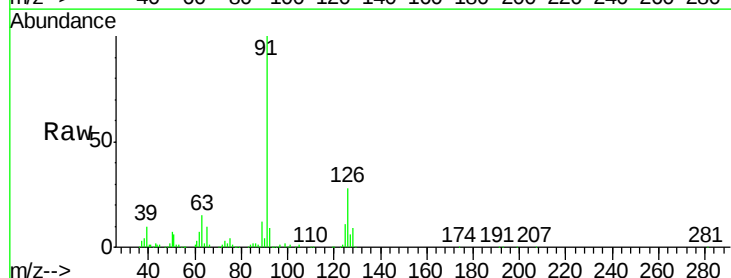
Acq: 23 Jul 2018 13:51

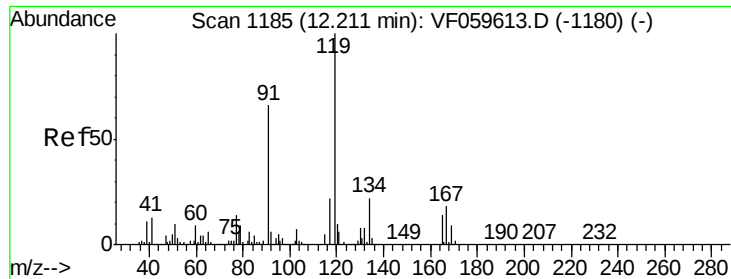
Tgt Ion: 91 Resp: 216746

Ion Ratio Lower Upper

91 100

126 28.4 14.7 44.1





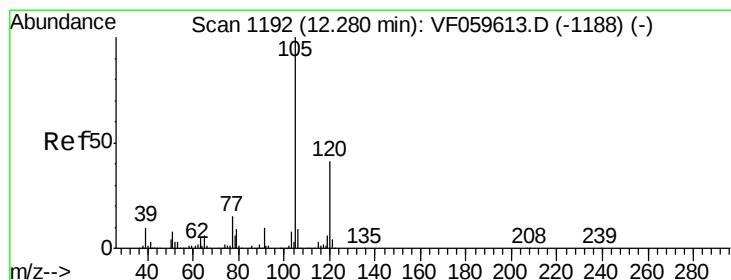
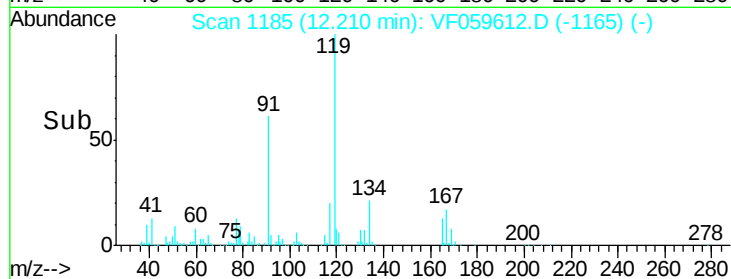
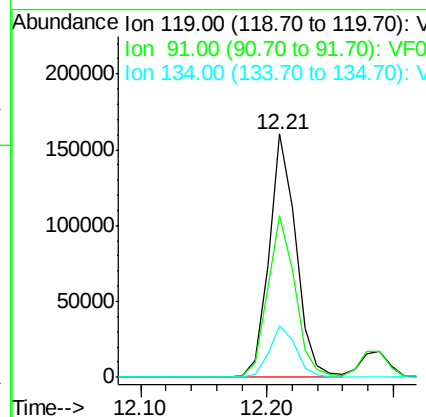
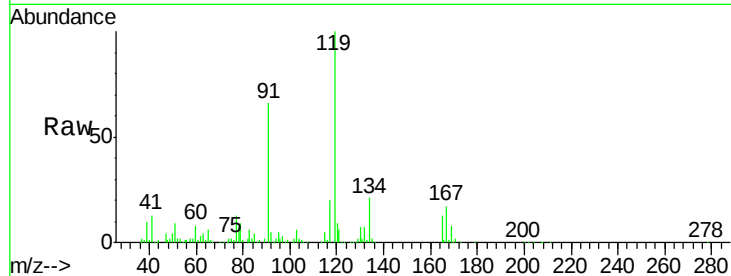
#83  
 tert-Butylbenzene  
 Concen: 21.52 ug/l  
 RT: 12.21 min Scan# 1185  
 Delta R.T. -0.00 min  
 Lab File: VF059612.D  
 Acq: 23 Jul 2018 13:51

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDIC020

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 238685 |       |       |
| 91      | 66.2  |        | 33.2  | 99.6  |
| 134     | 21.0  |        | 10.9  | 32.6  |

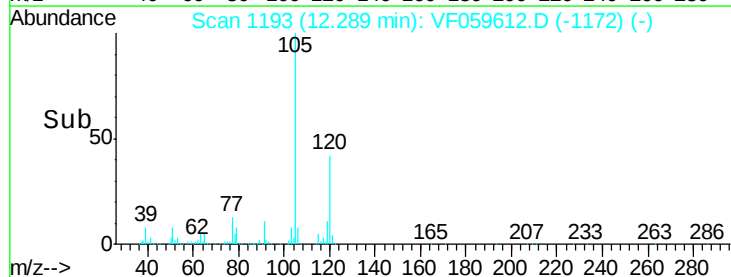
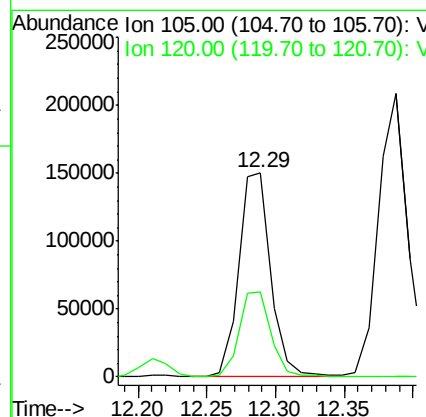
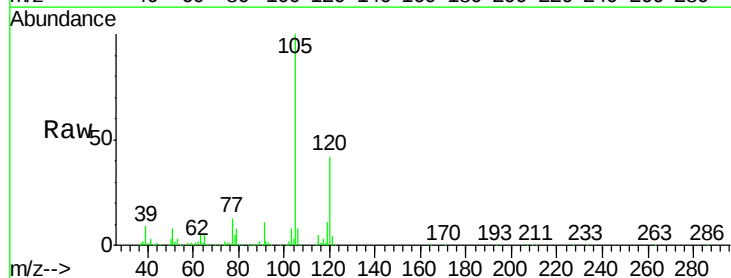
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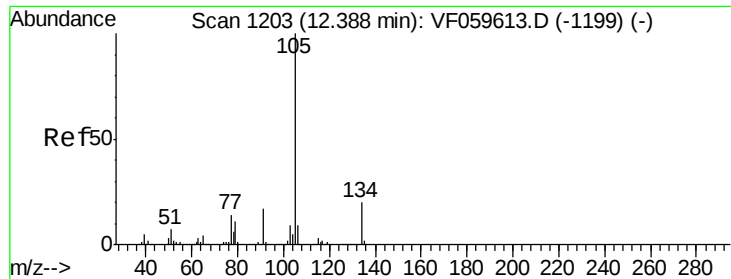
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.92 ug/l  
 RT: 12.29 min Scan# 1193  
 Delta R.T. 0.01 min  
 Lab File: VF059612.D  
 Acq: 23 Jul 2018 13:51

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 242729 |       |       |
| 120     | 41.7  |        | 20.4  | 61.3  |





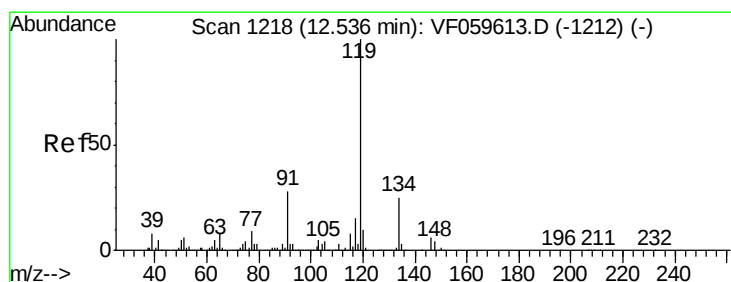
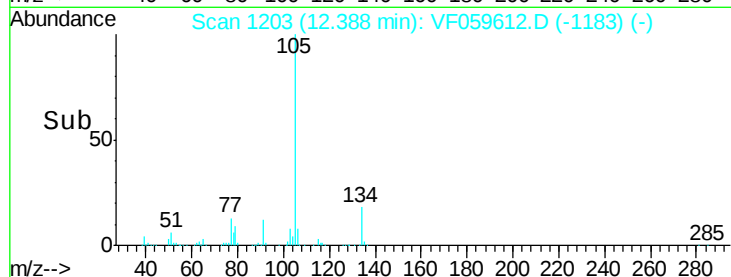
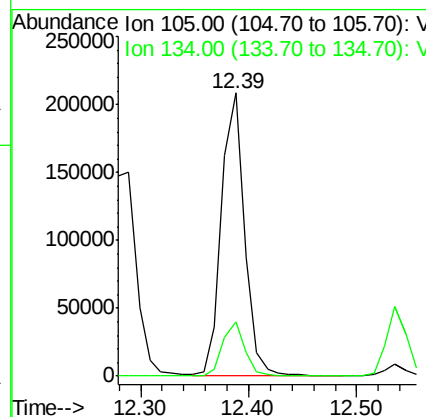
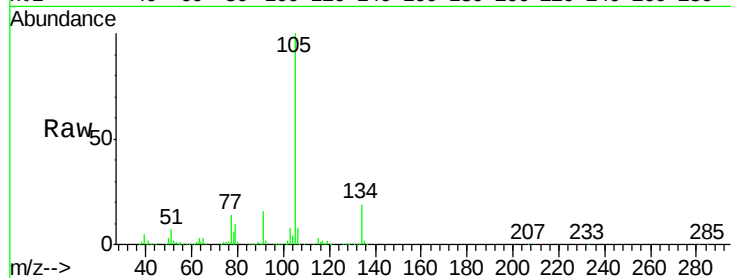
#85  
 sec-Butylbenzene  
 Concen: 22.13 ug/l  
 RT: 12.39 min Scan# 1203  
 Delta R.T. -0.00 min  
 Lab File: VF059612.D  
 Acq: 23 Jul 2018 13:51

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDIC020

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 310447 |       |       |
| 134     | 19.1  | 9.9    | 29.7  |       |

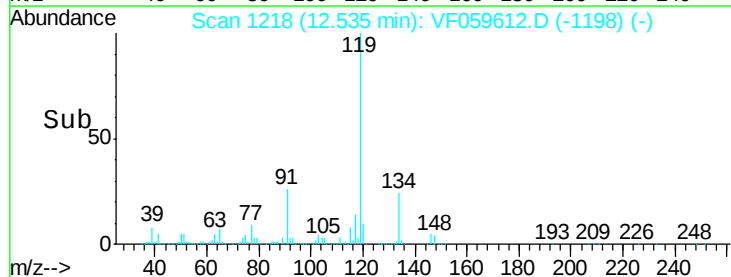
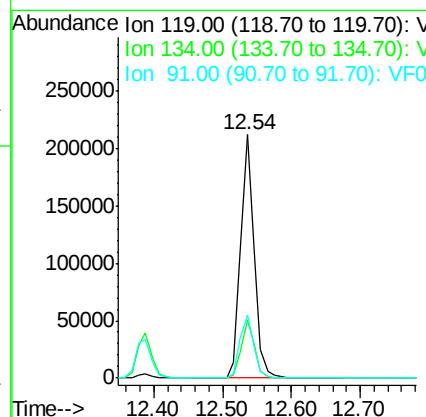
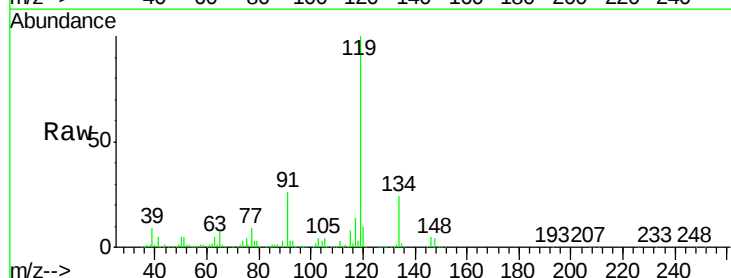
Manual Integrations  
 APPROVED

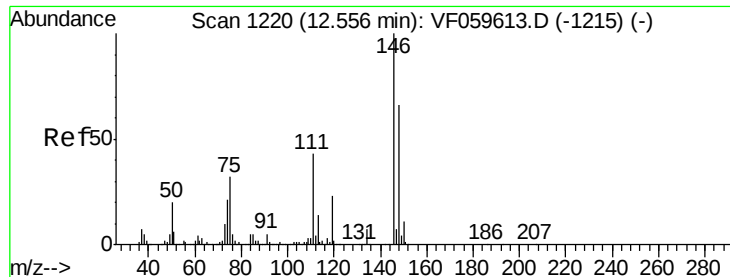
apatel  
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#86  
 p-Isopropyltoluene  
 Concen: 23.52 ug/l  
 RT: 12.54 min Scan# 1218  
 Delta R.T. -0.00 min  
 Lab File: VF059612.D  
 Acq: 23 Jul 2018 13:51

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 287424 |       |       |
| 134     | 24.0  | 12.4   | 37.2  |       |
| 91      | 26.1  | 13.9   | 41.7  |       |





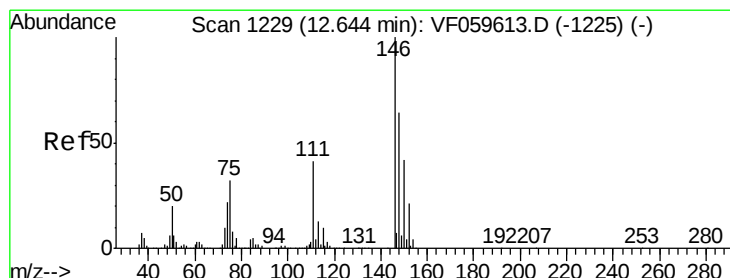
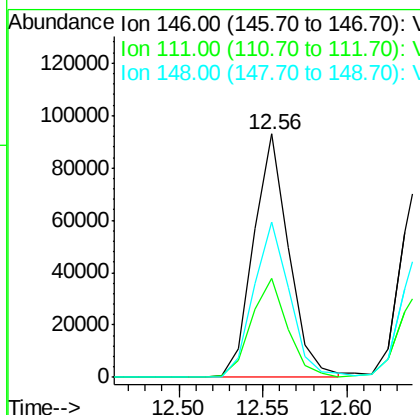
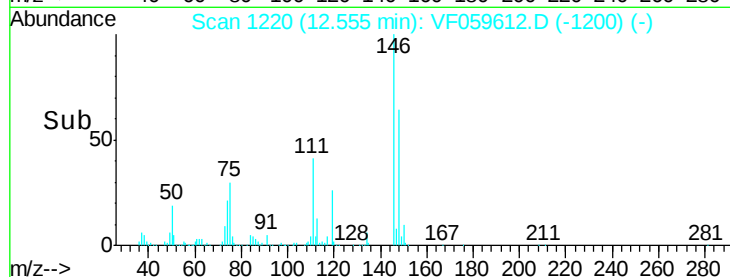
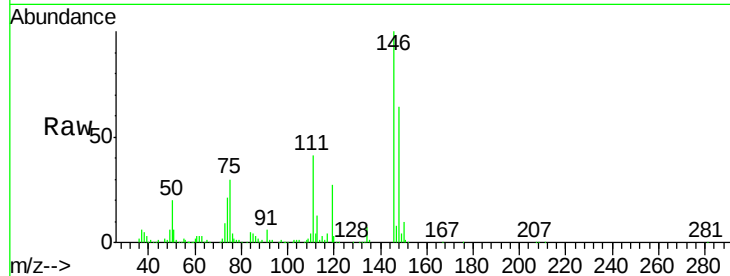
#87  
 1,3-Dichlorobenzene  
 Concen: 21.33 ug/l  
 RT: 12.56 min Scan# 1220  
 Delta R.T. -0.00 min  
 Lab File: VF059612.D  
 Acq: 23 Jul 2018 13:51

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDIC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.6  | 21.6  | 64.8  |
| 148     | 63.6  | 33.1  | 99.3  |

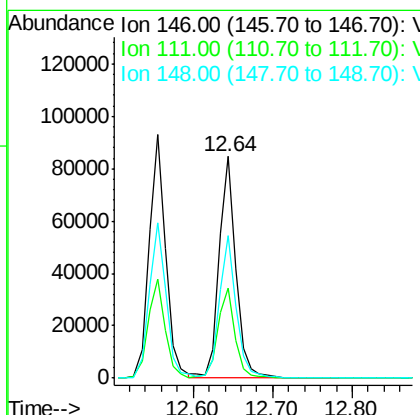
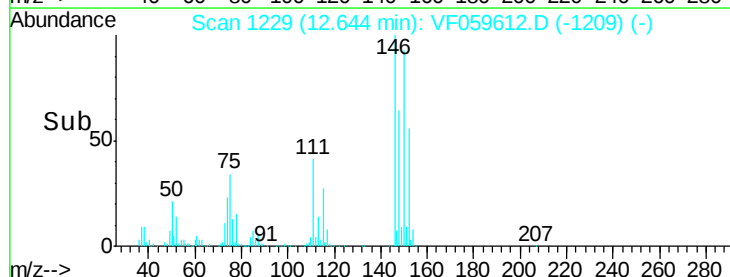
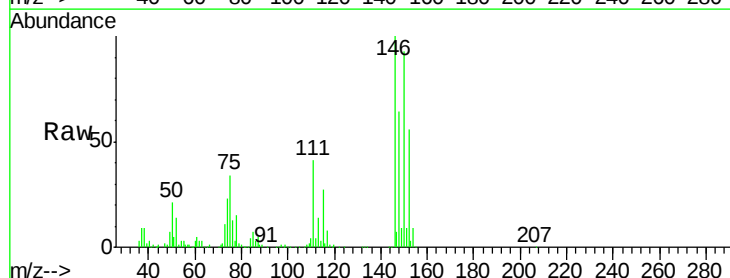
Manual Integrations  
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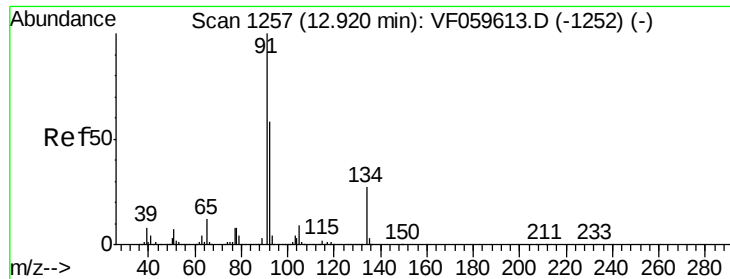
apatel  
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#88  
 1,4-Dichlorobenzene  
 Concen: 20.89 ug/l  
 RT: 12.64 min Scan# 1229  
 Delta R.T. -0.00 min  
 Lab File: VF059612.D  
 Acq: 23 Jul 2018 13:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.6  | 20.5  | 61.5  |
| 148     | 64.3  | 32.3  | 96.8  |





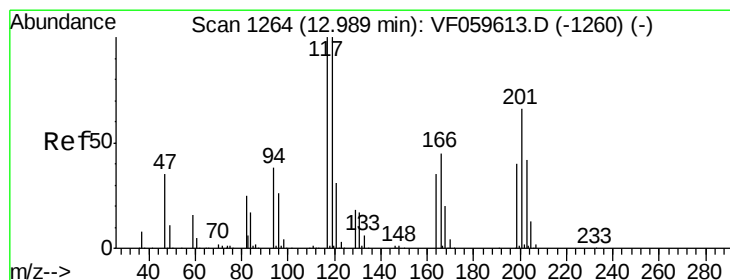
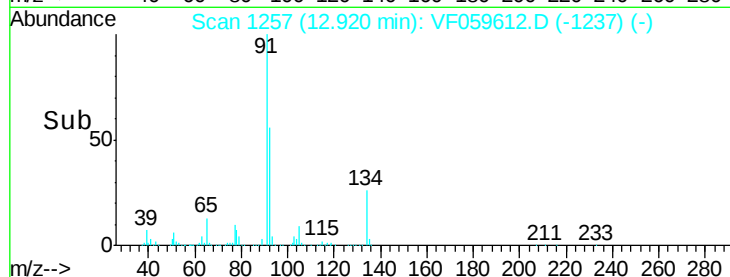
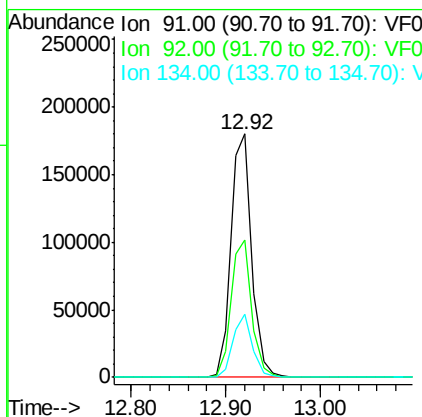
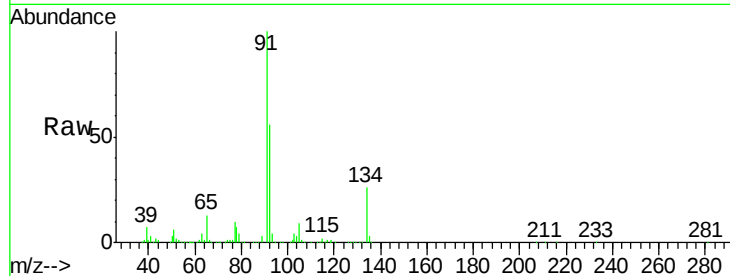
#89  
n-Butylbenzene  
Concen: 23.64 ug/l  
RT: 12.92 min Scan# 1257  
Delta R.T. -0.00 min  
Lab File: VF059612.D  
Acq: 23 Jul 2018 13:51

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 56.4  | 28.8  | 86.4  |
| 134     | 25.8  | 13.5  | 40.4  |

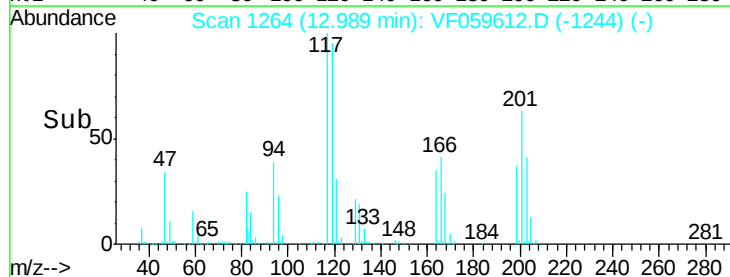
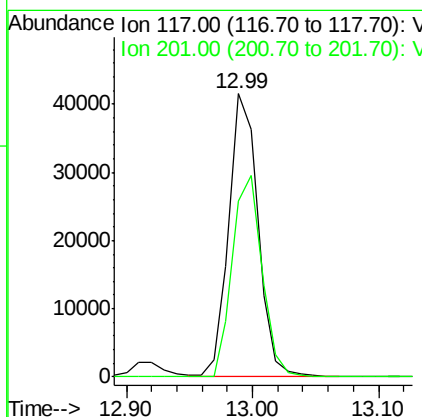
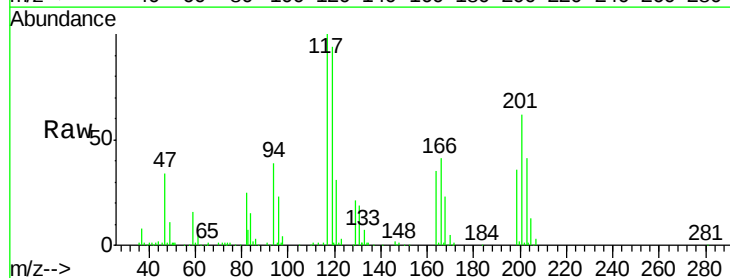
Manual Integrations  
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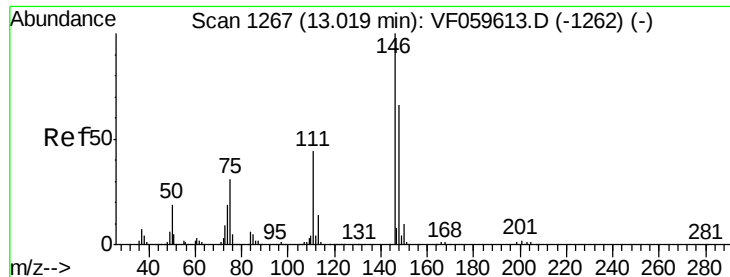
apatel  
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#90  
Hexachloroethane  
Concen: 22.41 ug/l  
RT: 12.99 min Scan# 1264  
Delta R.T. -0.00 min  
Lab File: VF059612.D  
Acq: 23 Jul 2018 13:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 62.3  | 33.6  | 100.6 |





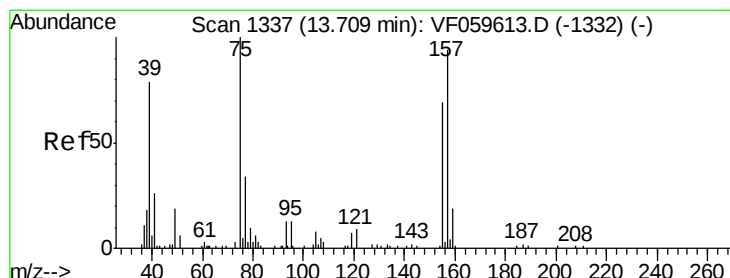
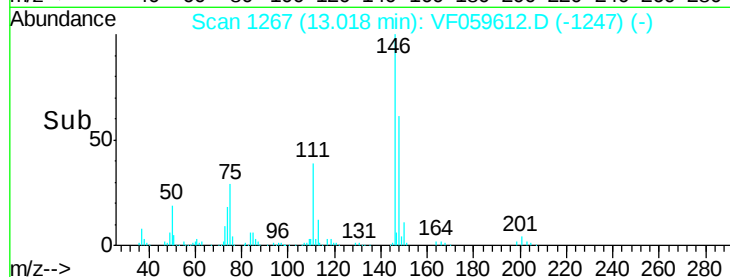
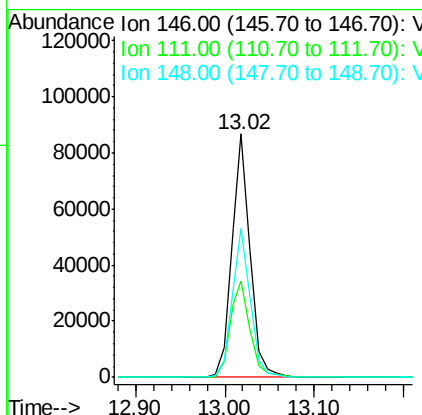
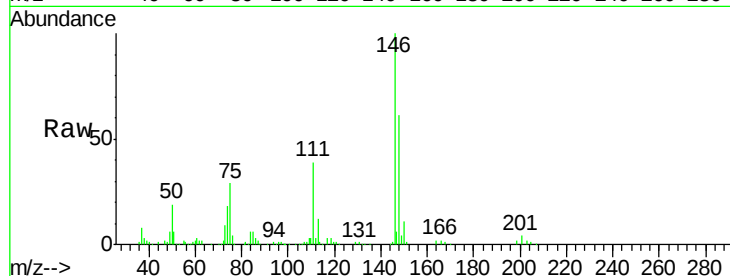
#91  
 1,2-Dichlorobenzene  
 Concen: 21.05 ug/l  
 RT: 13.02 min Scan# 1267  
 Delta R.T. -0.00 min  
 Lab File: VF059612.D  
 Acq: 23 Jul 2018 13:51

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDIC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.4  | 21.8  | 65.3  |
| 148     | 61.0  | 32.9  | 98.7  |

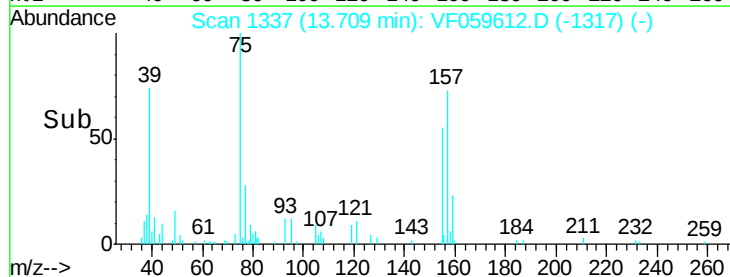
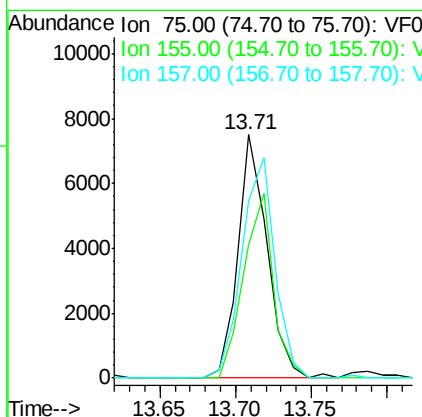
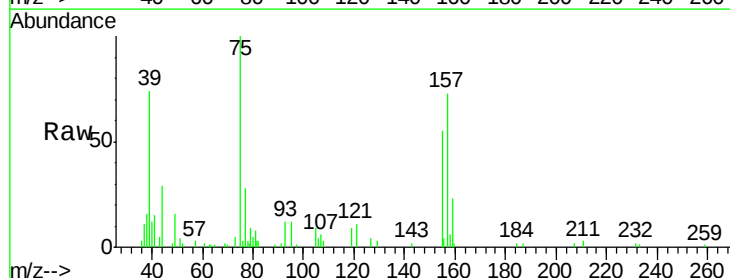
Manual Integrations  
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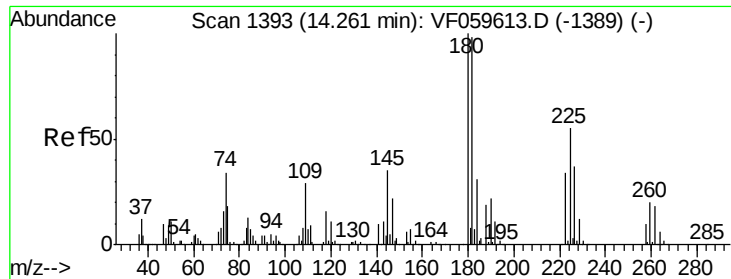
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 16.62 ug/l  
 RT: 13.71 min Scan# 1337  
 Delta R.T. -0.00 min  
 Lab File: VF059612.D  
 Acq: 23 Jul 2018 13:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 58.5  | 34.6  | 103.8 |
| 157     | 72.9  | 47.0  | 141.0 |





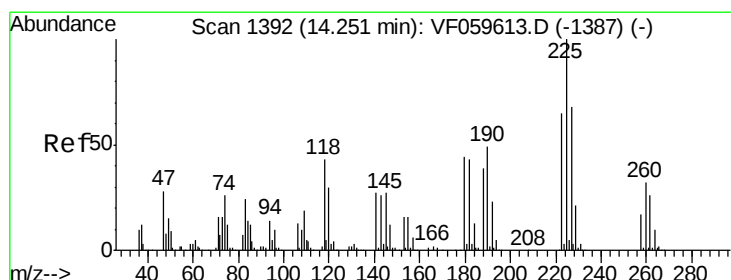
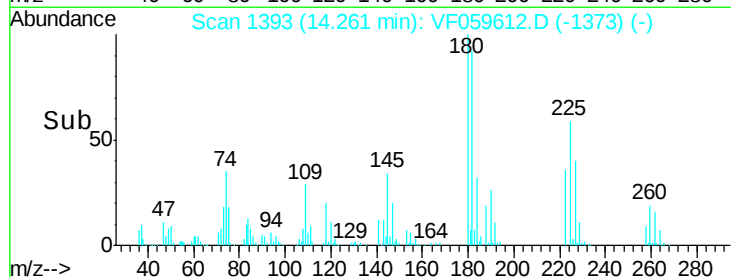
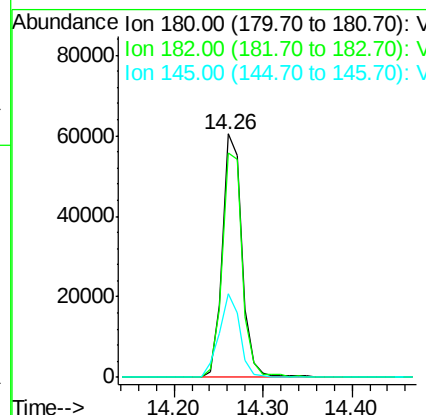
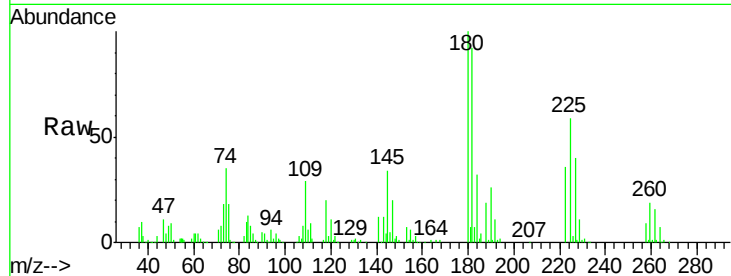
#93  
 1,2,4-Trichlorobenzene  
 Concen: 22.75 ug/l  
 RT: 14.26 min Scan# 1393  
 Delta R.T. -0.00 min  
 Lab File: VF059612.D  
 Acq: 23 Jul 2018 13:51

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDIC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 92.3  | 48.8  | 146.3 |
| 145     | 34.2  | 17.5  | 52.6  |

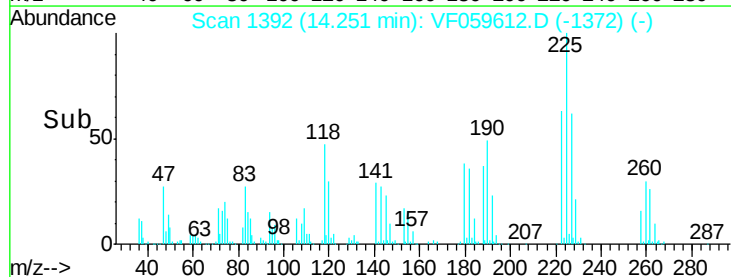
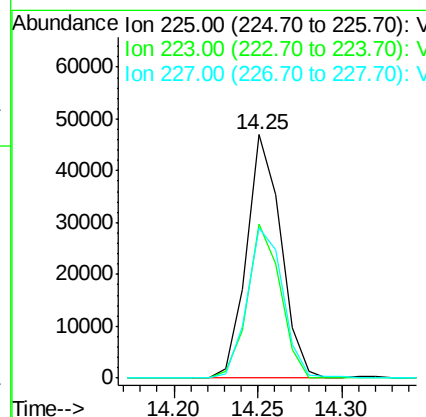
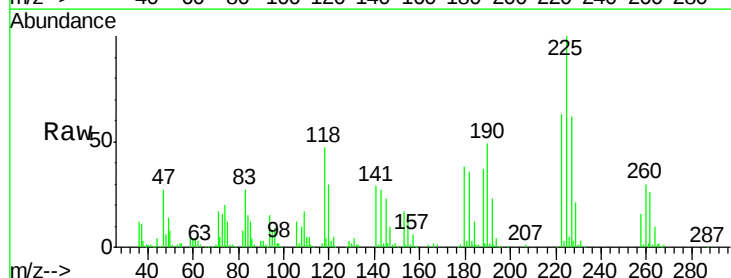
Manual Integrations  
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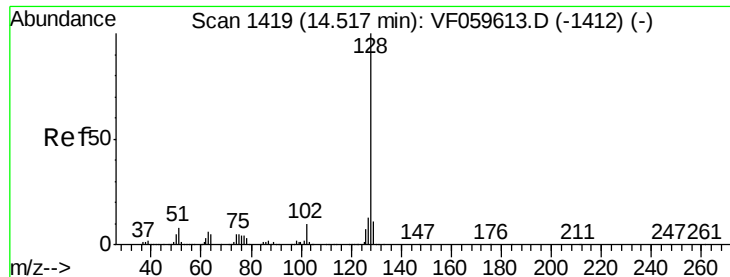
apatel  
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#94  
 Hexachlorobutadiene  
 Concen: 26.41 ug/l  
 RT: 14.25 min Scan# 1392  
 Delta R.T. -0.00 min  
 Lab File: VF059612.D  
 Acq: 23 Jul 2018 13:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.3  | 32.6  | 98.0  |
| 227     | 61.9  | 33.9  | 101.6 |





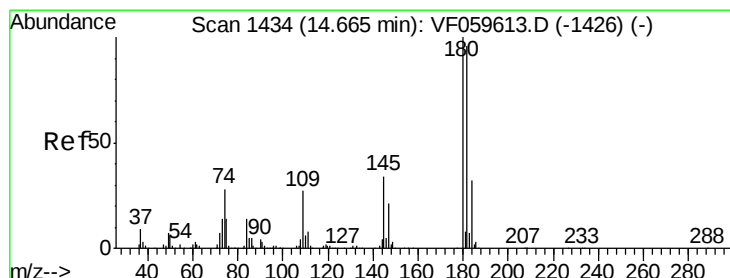
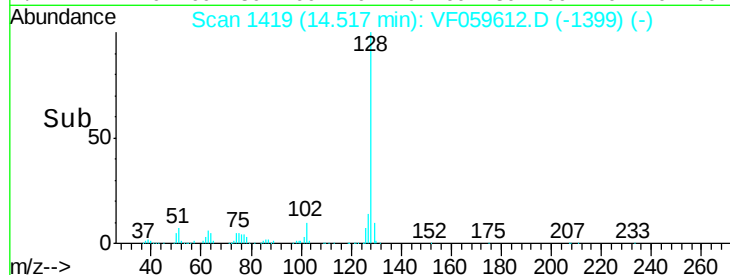
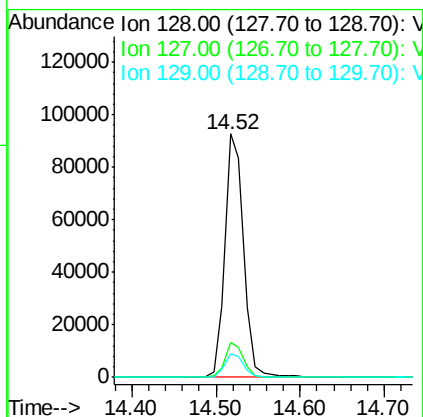
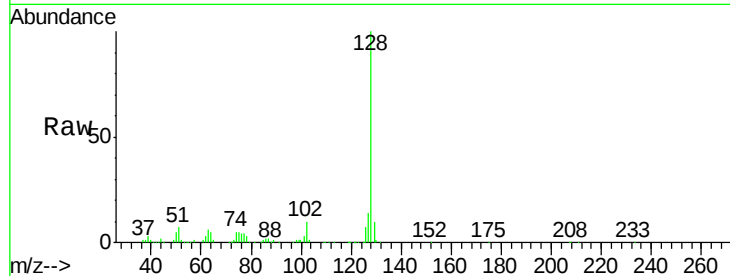
#95  
Naphthalene  
Concen: 19.18 ug/l  
RT: 14.52 min Scan# 1419  
Delta R.T. -0.00 min  
Lab File: VF059612.D  
Acq: 23 Jul 2018 13:51

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 14.1  | 10.2  | 15.2  |
| 129     | 9.5   | 9.1   | 13.7  |

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 22.66 ug/l  
RT: 14.66 min Scan# 1434  
Delta R.T. -0.00 min  
Lab File: VF059612.D  
Acq: 23 Jul 2018 13:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 91.1  | 48.0  | 144.2 |
| 145     | 31.7  | 17.1  | 51.2  |

