

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072318\  
 Data File : VW004153.D  
 Acq On : 23 Jul 2018 23:25  
 Operator : SY/AP  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

apatel  
 7/24/2018 11:50:02 AM

Quant Time: Jul 24 06:37:56 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W071618S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 16 15:06:12 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 249862   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.85  | 114  | 397989   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 372103   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 195364   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.31   | 65  | 165406   | 59.22 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 118.44% |      |
| 35) Dibromofluoromethane  | 7.88   | 113 | 145733   | 57.07 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 114.14% |      |
| 50) Toluene-d8            | 10.33  | 98  | 563990   | 56.92 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 113.84% |      |
| 62) 4-Bromofluorobenzene  | 12.62  | 95  | 206228   | 57.72 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 115.44% |      |

## Target Compounds

|                               |      |     |         |        |      | Qvalue |
|-------------------------------|------|-----|---------|--------|------|--------|
| 2) Dichlorodifluoromethane    | 2.00 | 85  | 59775   | 42.60  | ug/l | 98     |
| 3) Chloromethane              | 2.21 | 50  | 94174   | 50.99  | ug/l | 100    |
| 4) Vinyl Chloride             | 2.36 | 62  | 128144  | 50.44  | ug/l | 97     |
| 5) Bromomethane               | 2.77 | 94  | 76498   | 48.18  | ug/l | 98     |
| 6) Chloroethane               | 2.92 | 64  | 70984   | 49.18  | ug/l | 99     |
| 7) Trichlorofluoromethane     | 3.25 | 101 | 51924   | 48.69  | ug/l | 95     |
| 8) Diethyl Ether              | 3.67 | 74  | 69625   | 56.24  | ug/l | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 4.05 | 101 | 128869  | 52.36  | ug/l | 99     |
| 10) Methyl Iodide             | 4.26 | 142 | 192574  | 54.48  | ug/l | 99     |
| 11) Tert butyl alcohol        | 5.20 | 59  | 55726   | 289.03 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 4.03 | 96  | 128903  | 53.08  | ug/l | 99     |
| 13) Acrolein                  | 3.89 | 56  | 68658   | 346.57 | ug/l | 100    |
| 14) Allyl chloride            | 4.65 | 41  | 227370  | 56.73  | ug/l | 97     |
| 15) Acrylonitrile             | 5.37 | 53  | 193723  | 305.39 | ug/l | 99     |
| 16) Acetone                   | 4.12 | 43  | 155136  | 231.15 | ug/l | 100    |
| 17) Carbon Disulfide          | 4.37 | 76  | 403572  | 53.25  | ug/l | 100    |
| 18) Methyl Acetate            | 4.67 | 43  | 104091  | 64.61  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 5.43 | 73  | 274994  | 59.09  | ug/l | 99     |
| 20) Methylene Chloride        | 4.91 | 84  | 148076  | 49.97  | ug/l | 96     |
| 21) trans-1,2-Dichloroethene  | 5.41 | 96  | 146814  | 55.16  | ug/l | 99     |
| 22) Diisopropyl ether         | 6.31 | 45  | 480919  | 59.37  | ug/l | 99     |
| 23) Vinyl Acetate             | 6.26 | 43  | 1493223 | 290.93 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 6.21 | 63  | 279072  | 56.46  | ug/l | 99     |
| 25) 2-Butanone                | 7.18 | 43  | 257028  | 284.58 | ug/l | 98     |
| 26) 2,2-Dichloropropane       | 7.17 | 77  | 130850  | 46.12  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 7.17 | 96  | 158394  | 55.05  | ug/l | 99     |
| 28) Bromochloromethane        | 7.51 | 49  | 104066  | 51.45  | ug/l | 99     |
| 29) Tetrahydrofuran           | 7.54 | 42  | 172585  | 306.77 | ug/l | 99     |
| 30) Chloroform                | 7.68 | 83  | 275894  | 56.12  | ug/l | 99     |
| 31) Cyclohexane               | 7.95 | 56  | 240034  | 51.81  | ug/l | 95     |
| 32) 1,1,1-Trichloroethane     | 7.87 | 97  | 207545  | 54.06  | ug/l | 100    |
| 36) 1,1-Dichloropropene       | 8.08 | 75  | 217094  | 53.02  | ug/l | 99     |
| 37) Ethyl Acetate             | 7.26 | 43  | 117147  | 59.31  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 8.07 | 117 | 199487  | 52.14  | ug/l | 97     |

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 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

apatel  
 7/24/2018 11:50:02 AM

Quant Time: Jul 24 06:37:56 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W071618S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 16 15:06:12 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.34  | 83   | 249550   | 52.04   | ug/l   | 96       |
| 40) Benzene                    | 8.32  | 78   | 623825   | 54.91   | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.49  | 41   | 68569    | 62.66   | ug/l   | 89       |
| 42) 1,2-Dichloroethane         | 8.40  | 62   | 192802   | 55.63   | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.43  | 43   | 213624   | 57.83   | ug/l   | 99       |
| 44) Trichloroethene            | 9.09  | 130  | 157487   | 53.48   | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 164433   | 56.71   | ug/l   | 100      |
| 46) Dibromomethane             | 9.46  | 93   | 84917    | 56.44   | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.65  | 83   | 205553   | 55.42   | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.44  | 41   | 105367   | 58.98   | ug/l   | 98       |
| 49) 1,4-Dioxane                | 9.46  | 88   | 29814    | 1289.12 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 590759   | 300.18  | ug/l   | 100      |
| 52) Toluene                    | 10.39 | 92   | 386053   | 54.96   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.61 | 75   | 207171   | 53.41   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 10.07 | 75   | 236665   | 53.34   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 120342   | 56.87   | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.65 | 69   | 164615   | 54.13   | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 10.93 | 76   | 209614   | 57.02   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.93  | 63   | 362488   | 288.76  | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.98 | 43   | 413241   | 297.92  | ug/l   | 100      |
| 60) Dibromochloromethane       | 11.13 | 129  | 140201   | 56.89   | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 116229   | 57.73   | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.87 | 164  | 148516   | 58.17   | ug/l   | 99       |
| 65) Chlorobenzene              | 11.66 | 112  | 422581   | 53.41   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.73 | 131  | 149614   | 54.41   | ug/l   | 100      |
| 67) Ethyl Benzene              | 11.74 | 91   | 751817   | 54.09   | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.84 | 106  | 574438   | 108.13  | ug/l   | 100      |
| 69) o-Xylene                   | 12.17 | 106  | 267643   | 54.31   | ug/l   | 99       |
| 70) Styrene                    | 12.18 | 104  | 463344   | 56.29   | ug/l   | 99       |
| 71) Bromoform                  | 12.35 | 173  | 86306    | 55.59   | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.47 | 105  | 729834   | 52.87   | ug/l   | 100      |
| 74) N-amyl acetate             | 12.28 | 43   | 203536   | 56.58   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.72 | 83   | 148466   | 55.61   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 102909m  | 53.06   | ug/l   |          |
| 77) Bromobenzene               | 12.75 | 156  | 174802   | 52.92   | ug/l   | 99       |
| 78) n-propylbenzene            | 12.81 | 91   | 907153   | 53.56   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.90 | 91   | 509962   | 53.39   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.95 | 105  | 625312   | 53.83   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.52 | 75   | 44360    | 50.59   | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 543180   | 52.99   | ug/l   | 100      |
| 83) tert-Butylbenzene          | 13.21 | 119  | 523456   | 53.67   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 13.26 | 105  | 645499   | 54.01   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.39 | 105  | 770861   | 53.27   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.51 | 119  | 677306   | 53.36   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.51 | 146  | 346967   | 52.59   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.59 | 146  | 342055   | 51.70   | ug/l   | 100      |
| 89) n-Butylbenzene             | 13.83 | 91   | 657094   | 52.66   | ug/l   | 100      |
| 90) Hexachloroethane           | 14.10 | 117  | 122777   | 52.47   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.88 | 146  | 313877   | 53.40   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.49 | 75   | 26313    | 55.43   | ug/l   | 97       |

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Acq On : 23 Jul 2018 23:25  
Operator : SY/AP  
Sample : VSTDCCC050  
Misc : 5.00G/5ML/MSVOA W/SOIL  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

apatel  
7/24/2018 11:50:02 AM

Quant Time: Jul 24 06:37:56 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W071618S.M  
Quant Title : SW846 8260  
QLast Update : Mon Jul 16 15:06:12 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.15 | 180  | 216599   | 52.47 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.24 | 225  | 123370   | 52.04 | ug/l  | 99       |
| 95) Naphthalene            | 15.38 | 128  | 434867   | 57.07 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.57 | 180  | 199844   | 54.67 | ug/l  | 99       |

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

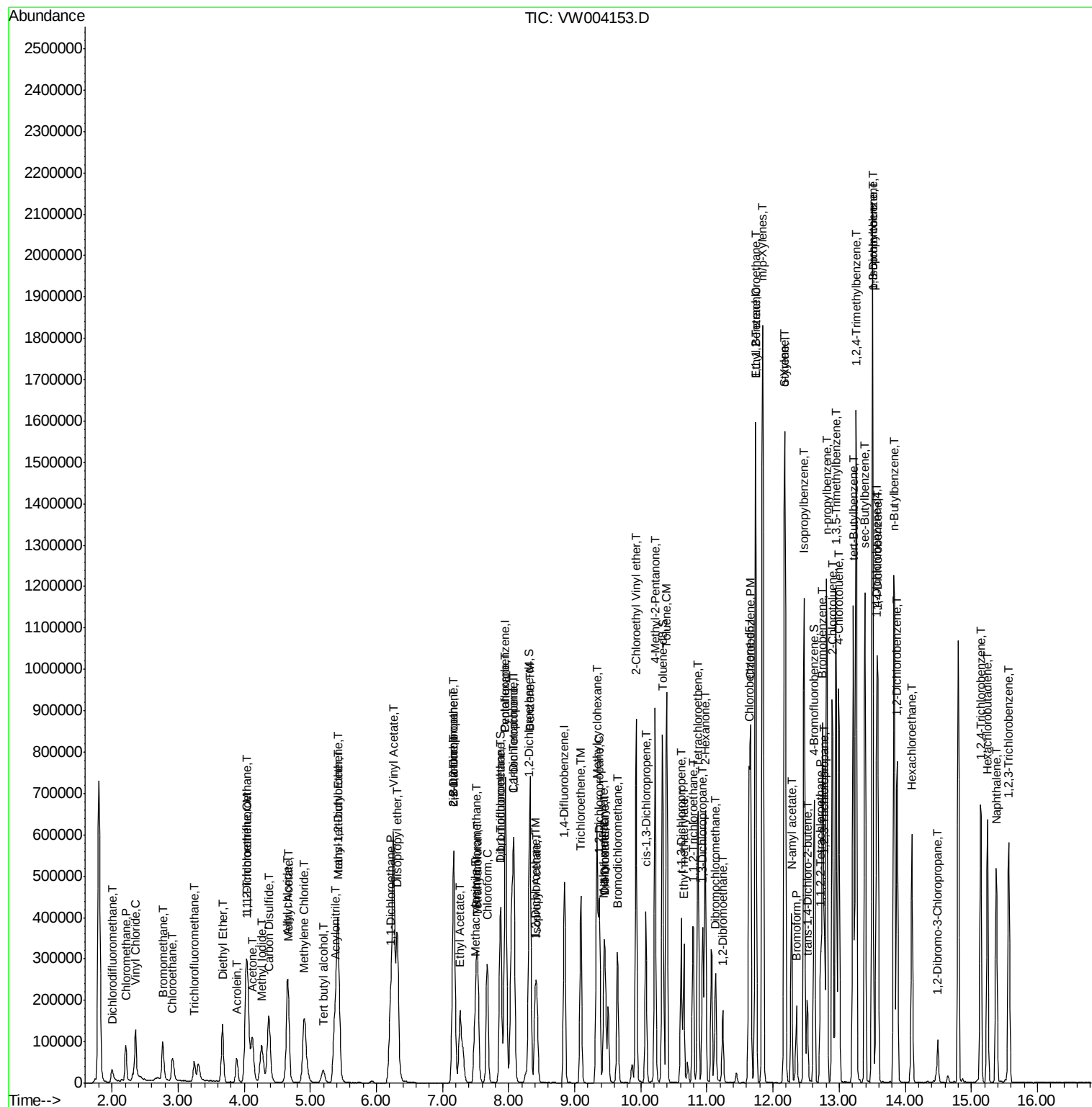
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Data File : VW004153.D  
Acq On : 23 Jul 2018 23:25  
Operator : SY/AP  
Sample : VSTDCCC050  
Misc : 5.00G/5ML/MSVOA W/SOIL  
ALS Vial : 30 Sample Multiplier: 1

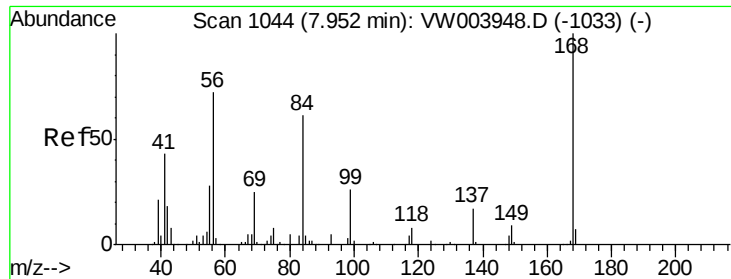
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

apatel  
7/24/2018 11:50:02 AM

Quant Time: Jul 24 06:37:56 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W071618S.M  
Quant Title : SW846 8260  
QLast Update : Mon Jul 16 15:06:12 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004153.D

Acq: 23 Jul 2018 23:25

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 249862

Ion Ratio Lower Upper

168 100

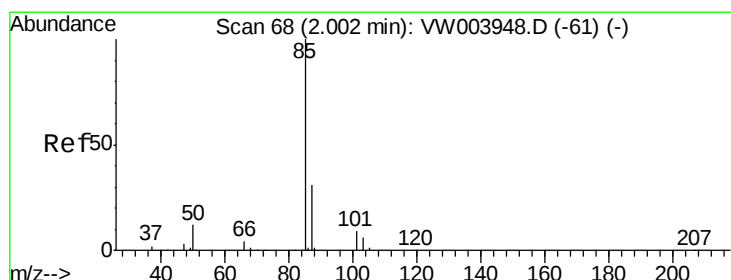
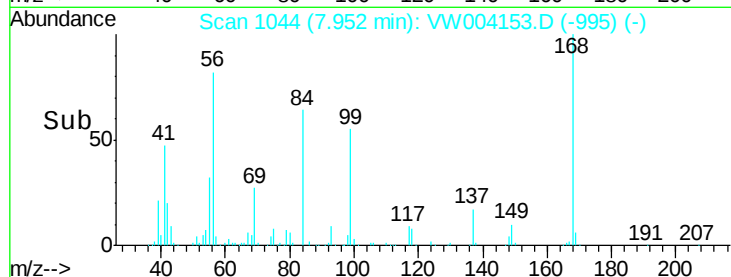
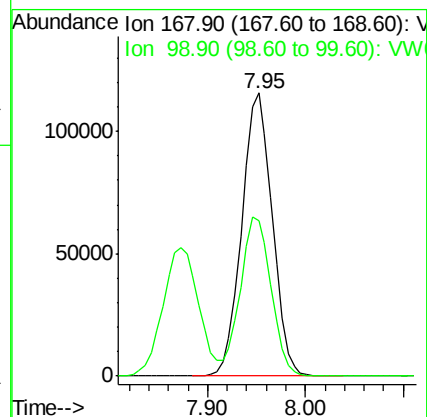
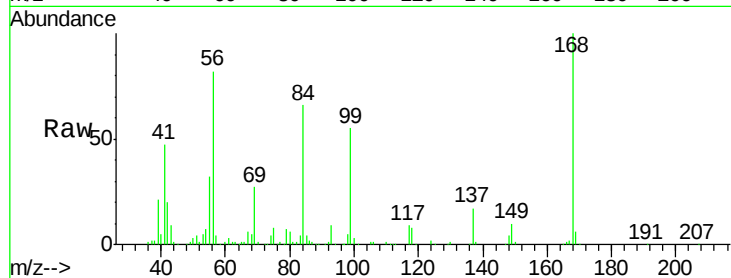
99 55.1 43.8 65.6

Manual Integrations

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7/24/2018 11:50:02 AM



#2

Dichlorodifluoromethane

Concen: 42.60 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW004153.D

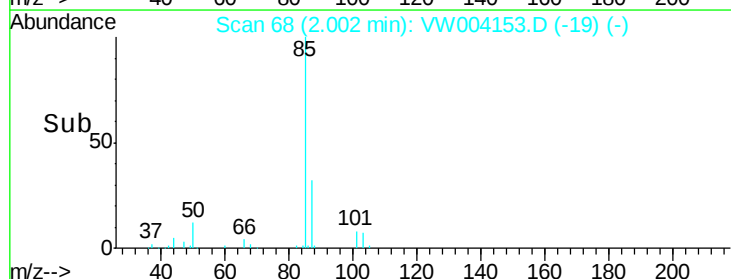
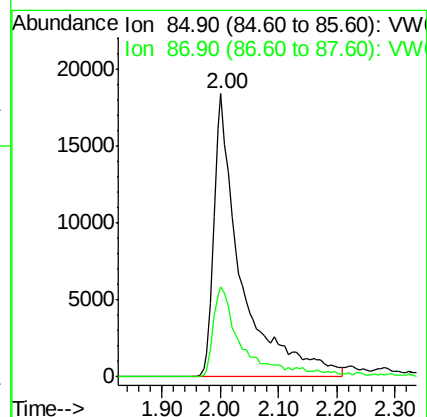
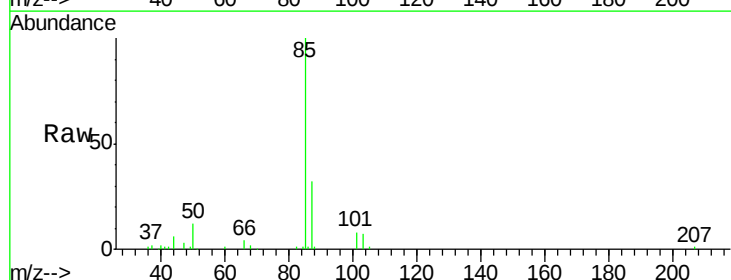
Acq: 23 Jul 2018 23:25

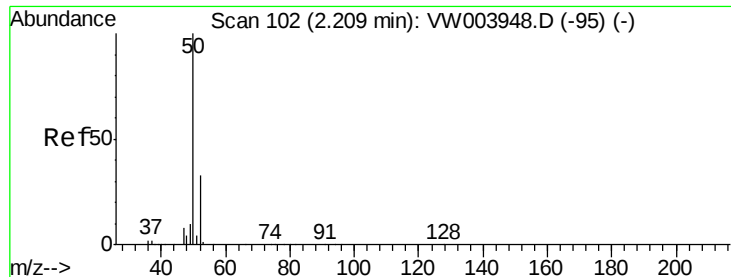
Tgt Ion: 85 Resp: 59775

Ion Ratio Lower Upper

85 100

87 31.7 15.4 46.2





#3

Chloromethane

Concen: 50.99 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW004153.D

Acq: 23 Jul 2018 23:25

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 94174

Ion Ratio Lower Upper

50 100

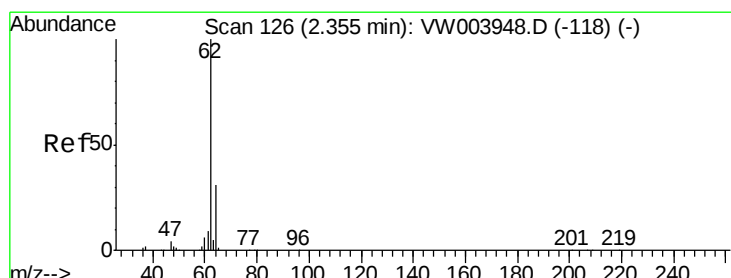
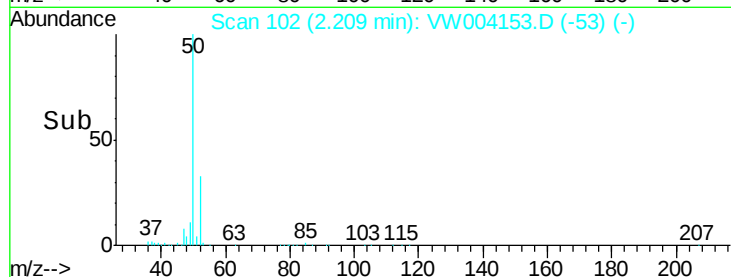
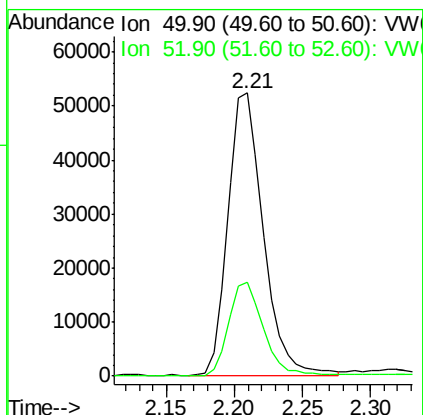
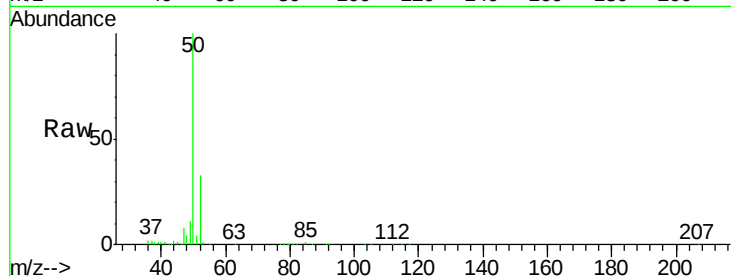
52 33.2 26.3 39.5

Manual Integrations

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apatel

7/24/2018 11:50:02 AM



#4

Vinyl Chloride

Concen: 50.44 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW004153.D

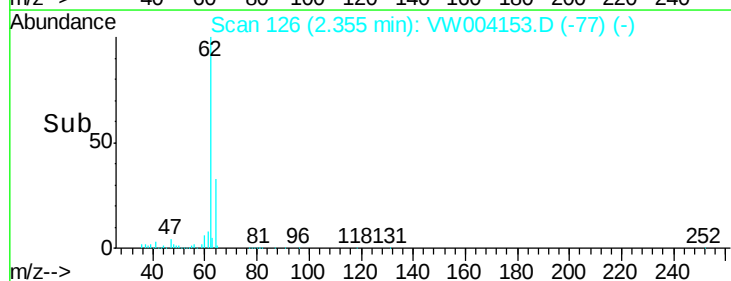
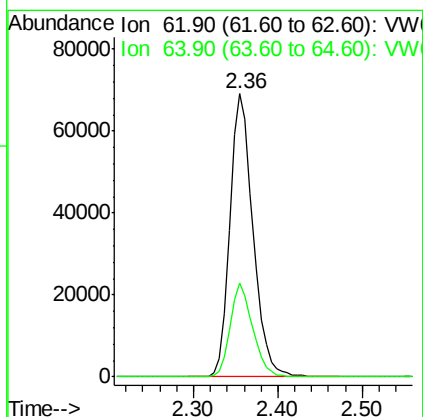
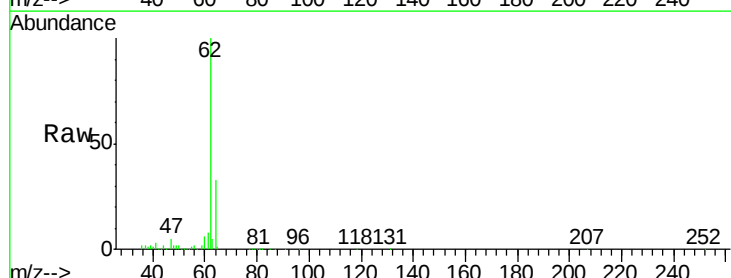
Acq: 23 Jul 2018 23:25

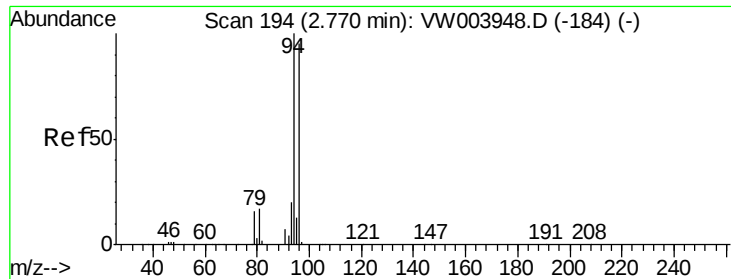
Tgt Ion: 62 Resp: 128144

Ion Ratio Lower Upper

62 100

64 33.1 25.0 37.6





#5

Bromomethane

Concen: 48.18 ug/l

RT: 2.77 min Scan# 194

Delta R.T. 0.00 min

Lab File: VW004153.D

Acq: 23 Jul 2018 23:25

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 76498

Ion Ratio Lower Upper

94 100

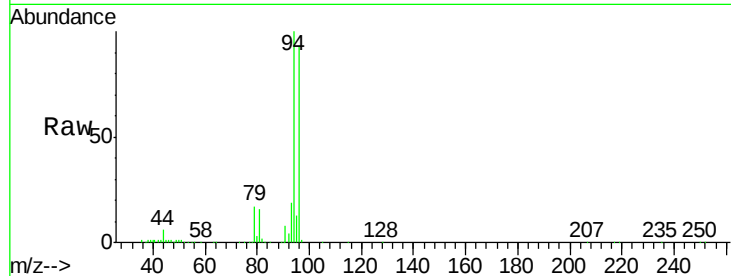
96 92.6 75.8 113.6

Manual Integrations

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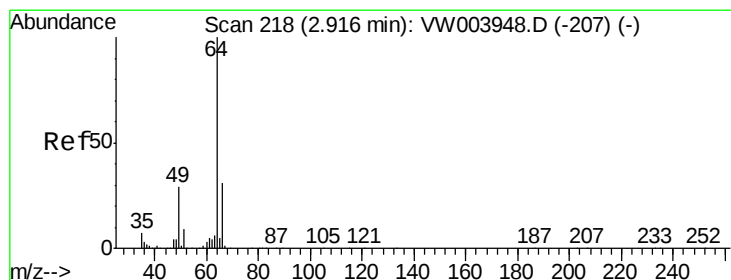
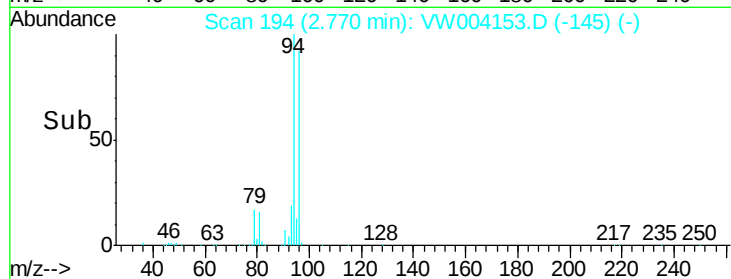
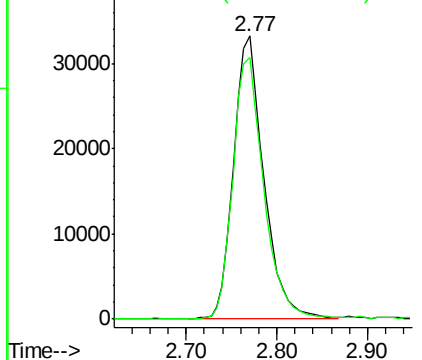
apatel

7/24/2018 11:50:02 AM



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 49.18 ug/l

RT: 2.92 min Scan# 218

Delta R.T. 0.00 min

Lab File: VW004153.D

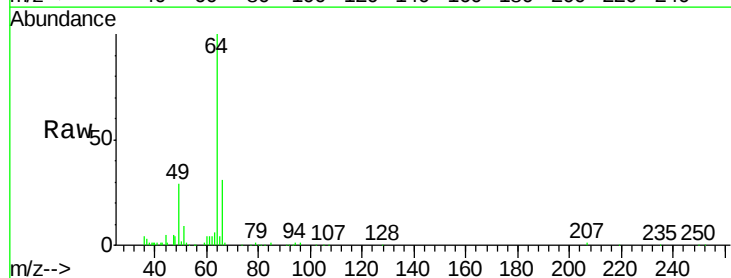
Acq: 23 Jul 2018 23:25

Tgt Ion: 64 Resp: 70984

Ion Ratio Lower Upper

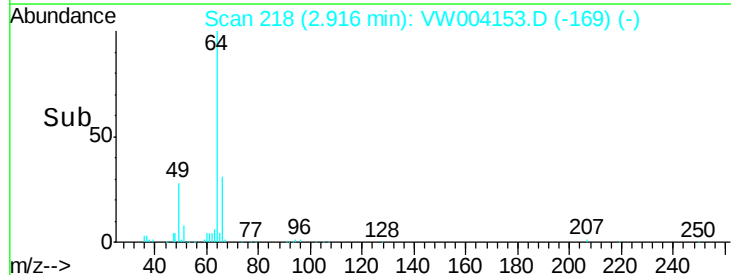
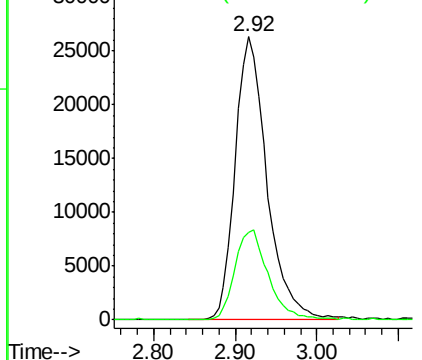
64 100

66 30.9 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

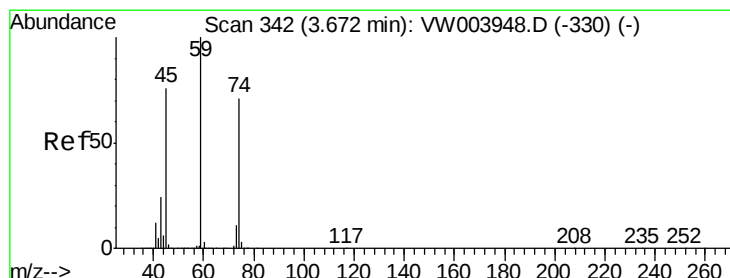
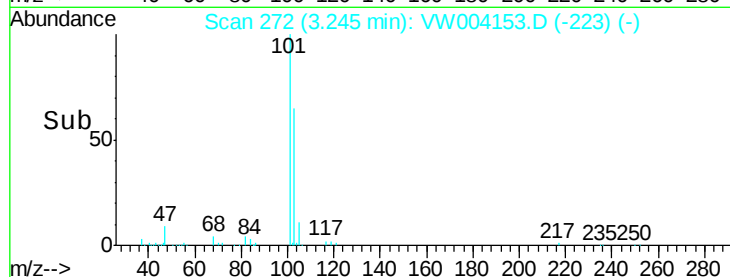
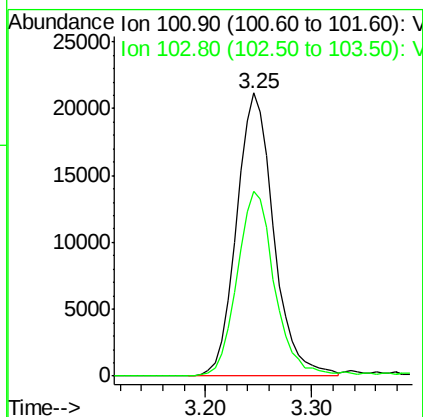
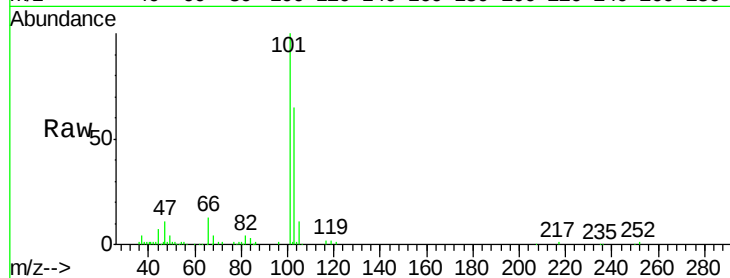
Trichlorofluoromethane  
 Concen: 48.69 ug/l  
 RT: 3.25 min Scan# 272  
 Delta R.T. 0.00 min  
 Lab File: VW004153.D  
 Acq: 23 Jul 2018 23:25

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 65.1  | 49.0  | 73.6  |

Manual Integrations  
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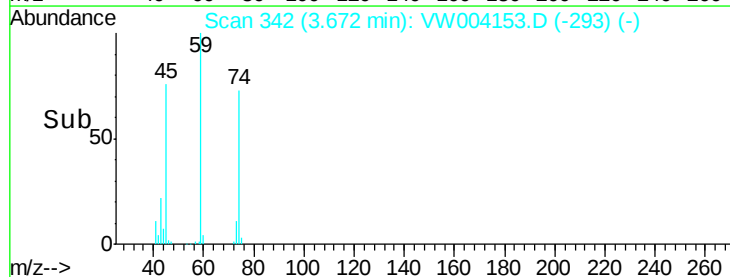
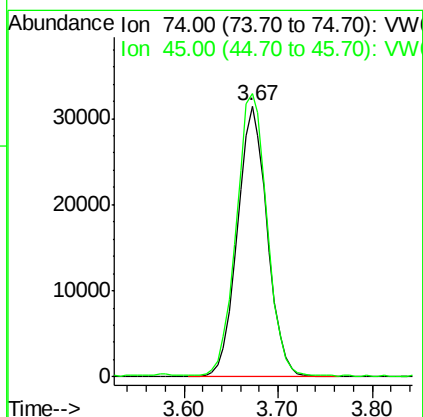
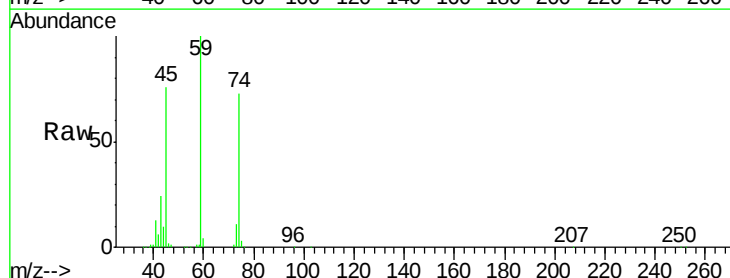
apatel  
 7/24/2018 11:50:02 AM

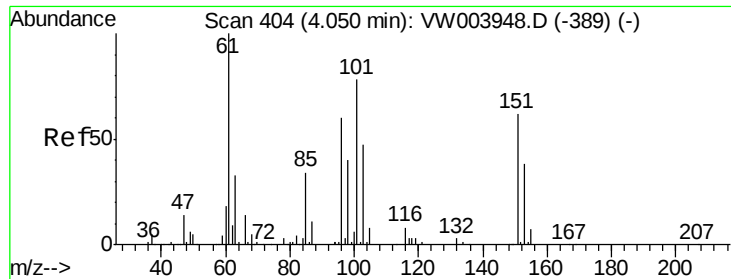


#8

Diethyl Ether  
 Concen: 56.24 ug/l  
 RT: 3.67 min Scan# 342  
 Delta R.T. 0.00 min  
 Lab File: VW004153.D  
 Acq: 23 Jul 2018 23:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 107.3 | 53.8  | 161.4 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.36 ug/l

RT: 4.05 min Scan# 404

Delta R.T. 0.00 min

Lab File: VW004153.D

Acq: 23 Jul 2018 23:25

Instrument :

MSVOA\_W

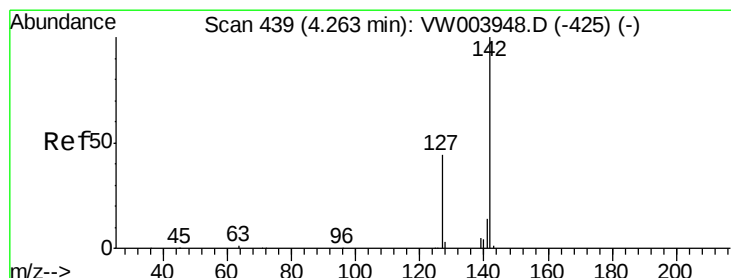
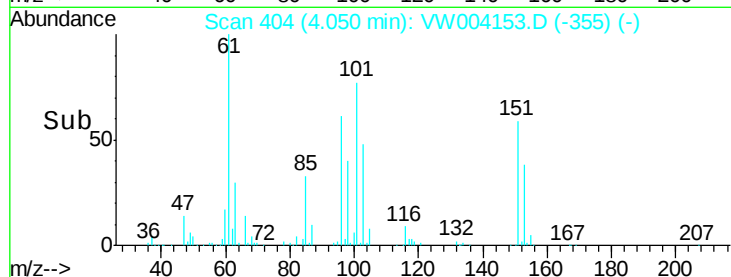
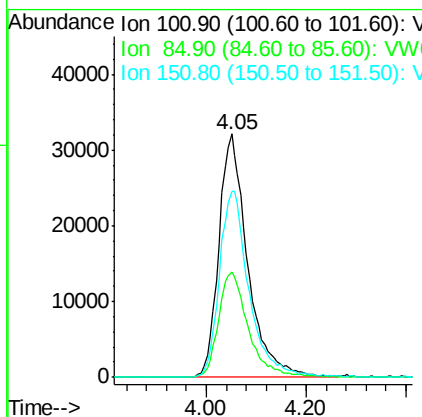
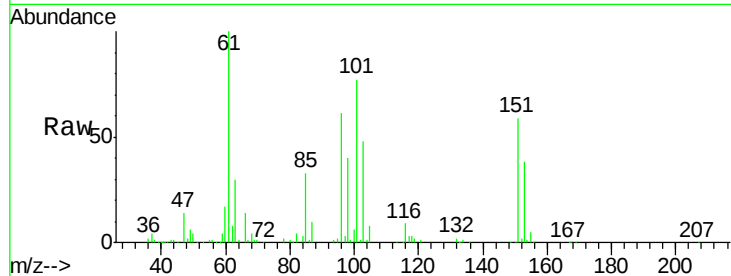
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 128869 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 44.7  | 35.8  | 53.6   |
| 151       | 78.5  | 63.6  | 95.4   |

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#10

Methyl Iodide

Concen: 54.48 ug/l

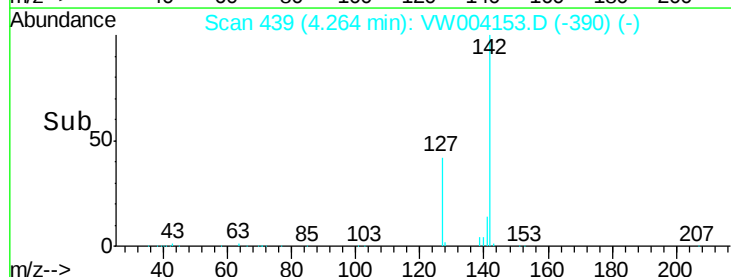
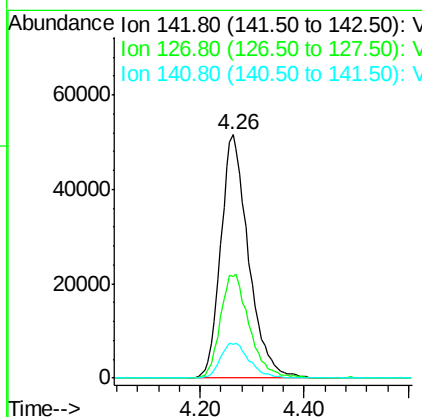
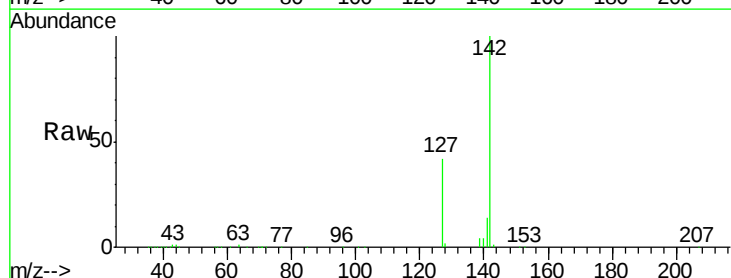
RT: 4.26 min Scan# 439

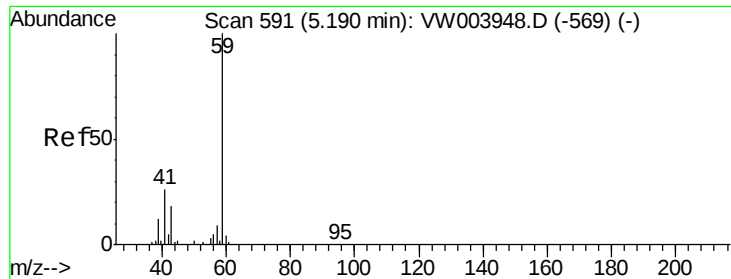
Delta R.T. 0.00 min

Lab File: VW004153.D

Acq: 23 Jul 2018 23:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 192574 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 44.6  | 35.4  | 53.2   |
| 141       | 14.9  | 11.7  | 17.5   |





#11

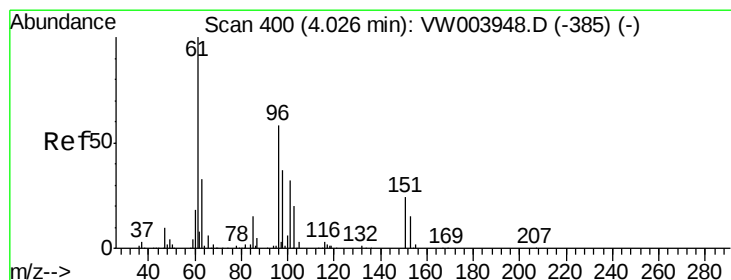
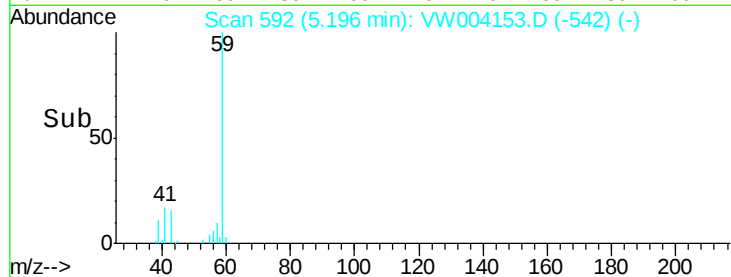
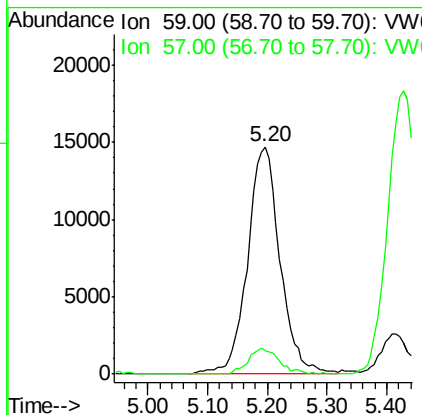
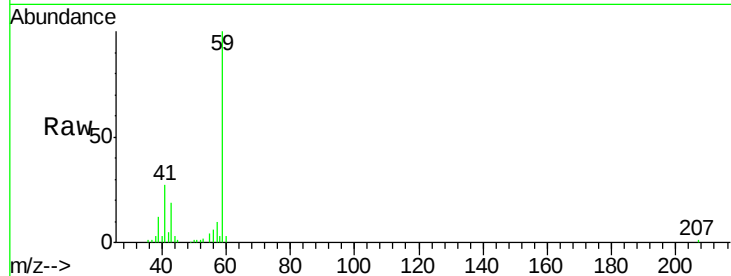
Tert butyl alcohol  
Concen: 289.03 ug/l  
RT: 5.20 min Scan# 592  
Delta R.T. 0.01 min  
Lab File: VW004153.D  
Acq: 23 Jul 2018 23:25

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDCCC050

| Tot Ion   | 59   | Resp  | 55726 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 59        | 100  |       |       |
| 57        | 11.0 | 8.5   | 12.7  |

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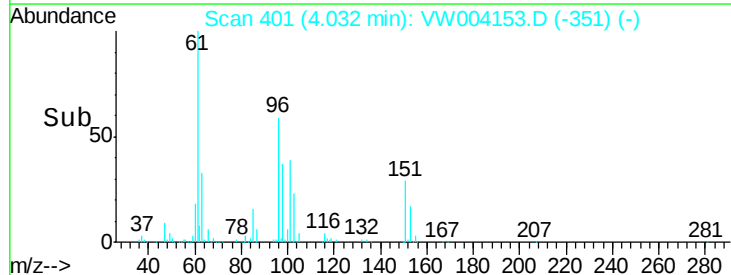
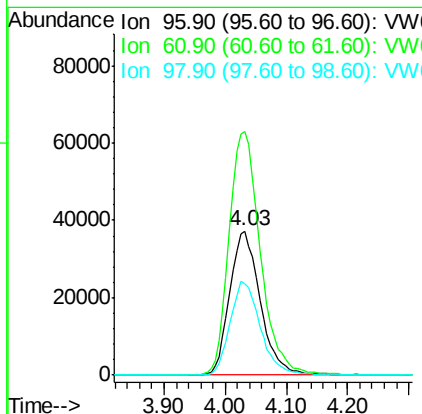
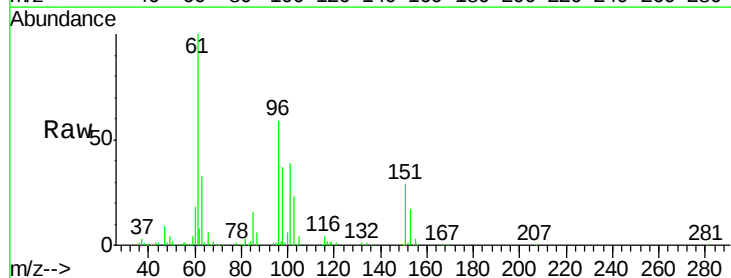
apatel  
7/24/2018 11:50:02 AM

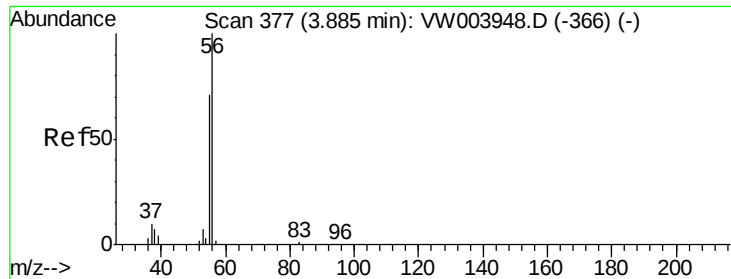


#12

1,1-Dichloroethene  
Concen: 53.08 ug/l  
RT: 4.03 min Scan# 401  
Delta R.T. 0.01 min  
Lab File: VW004153.D  
Acq: 23 Jul 2018 23:25

| Tgt Ion   | 96    | Resp  | 128903 |
|-----------|-------|-------|--------|
| Ion Ratio | 100   | Lower | Upper  |
| 96        | 100   |       |        |
| 61        | 169.0 | 137.0 | 205.6  |
| 98        | 63.0  | 50.2  | 75.4   |





#13

Acrolein

Concen: 346.57 ug/l

RT: 3.89 min Scan# 377

Delta R.T. 0.00 min

Lab File: VW004153.D

Acq: 23 Jul 2018 23:25

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 68658

Ion Ratio Lower Upper

56 100

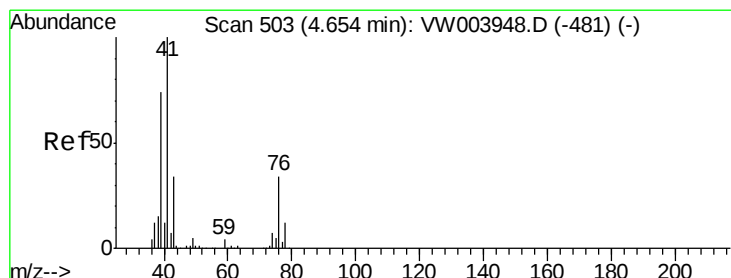
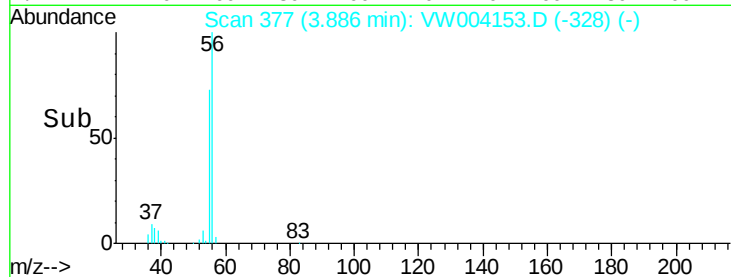
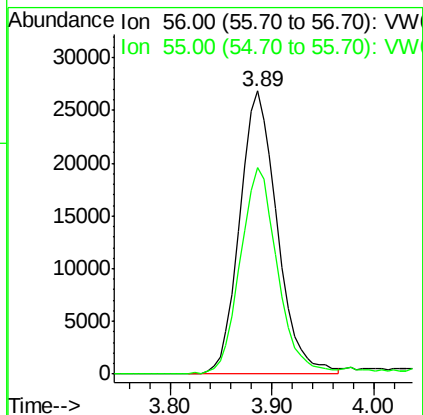
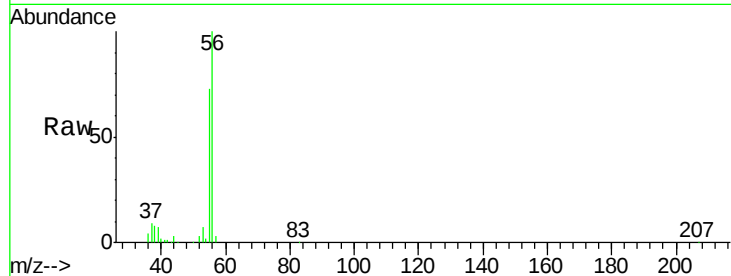
55 72.5 58.2 87.4

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#14

Allyl chloride

Concen: 56.73 ug/l

RT: 4.65 min Scan# 503

Delta R.T. 0.00 min

Lab File: VW004153.D

Acq: 23 Jul 2018 23:25

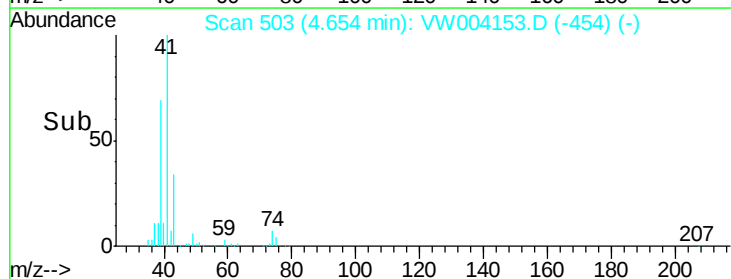
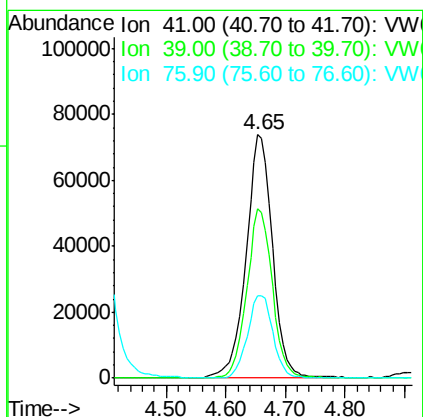
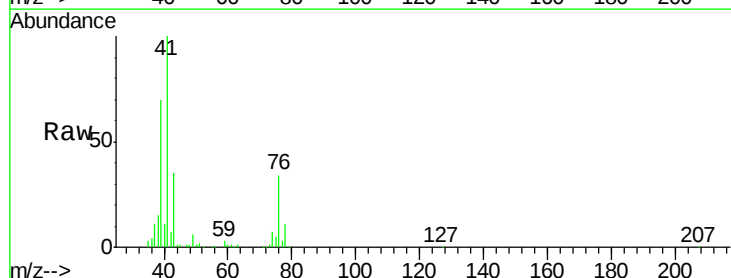
Tgt Ion: 41 Resp: 227370

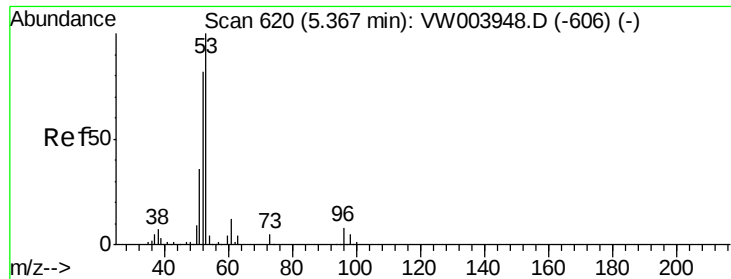
Ion Ratio Lower Upper

41 100

39 67.4 57.0 85.4

76 33.0 26.5 39.7





#15

Acrylonitrile

Concen: 305.39 ug/l

RT: 5.37 min Scan# 620

Delta R.T. 0.00 min

Lab File: VW004153.D

Acq: 23 Jul 2018 23:25

Instrument :

MSVOA\_W

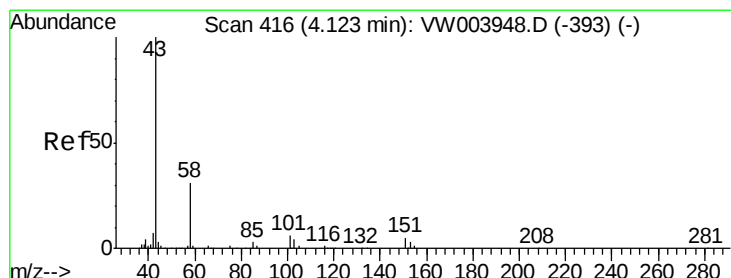
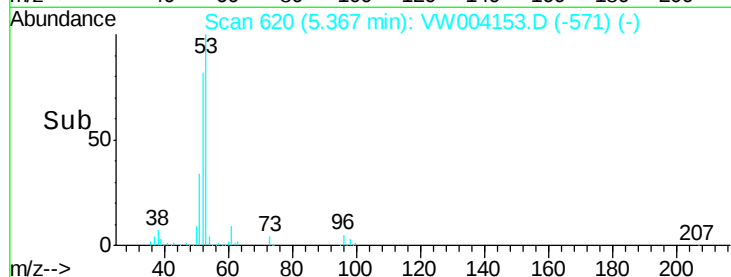
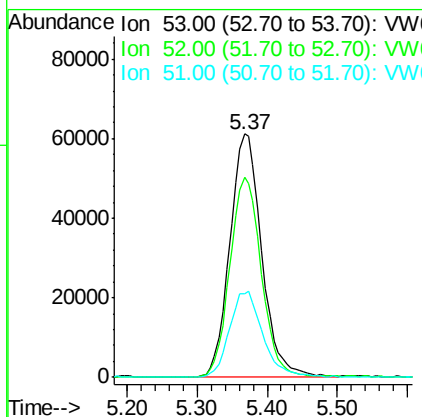
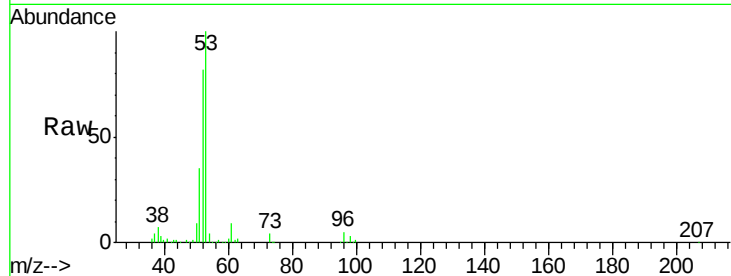
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 193723 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 81.6  | 66.1  | 99.1   |
| 51        | 37.1  | 29.8  | 44.6   |

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#16

Acetone

Concen: 231.15 ug/l

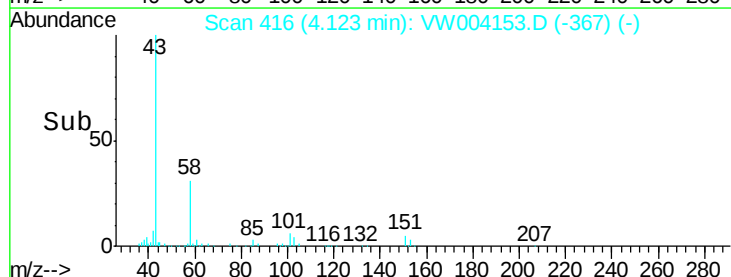
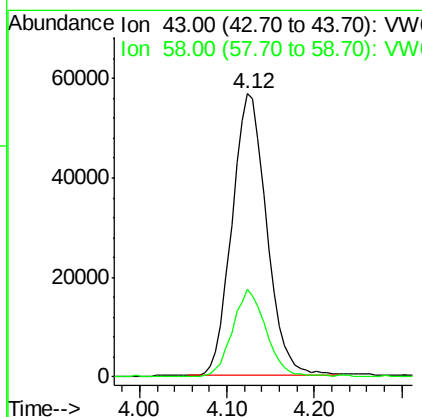
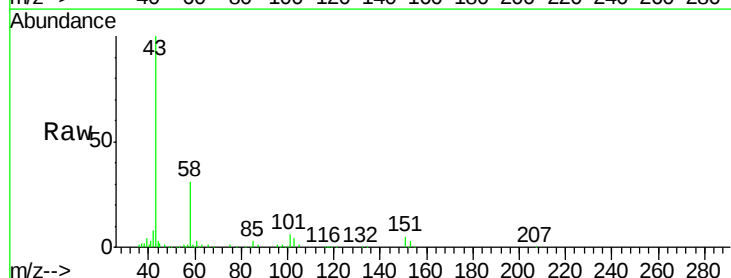
RT: 4.12 min Scan# 416

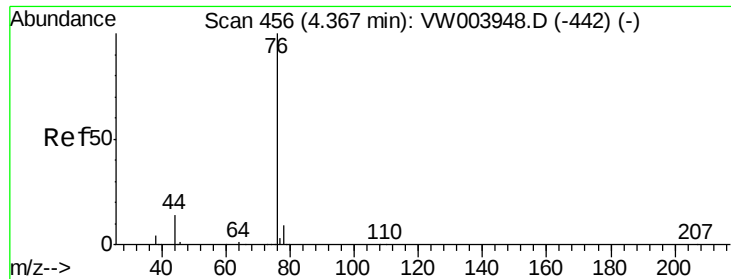
Delta R.T. 0.00 min

Lab File: VW004153.D

Acq: 23 Jul 2018 23:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 155136 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 30.7  | 24.5  | 36.7   |





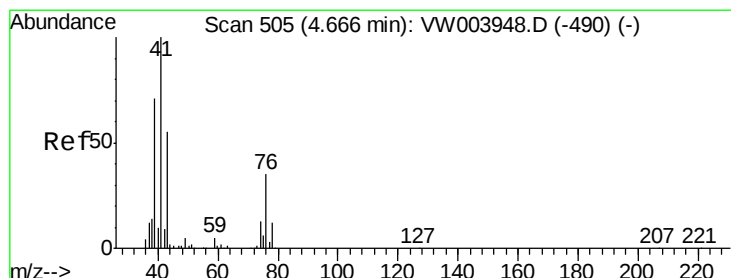
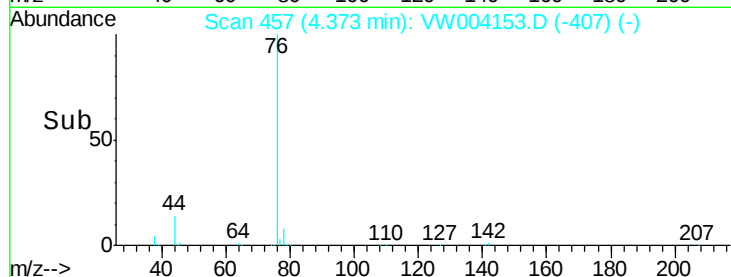
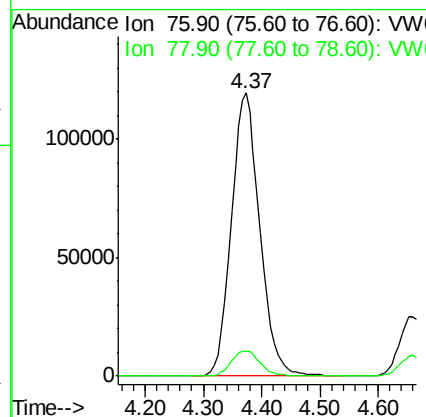
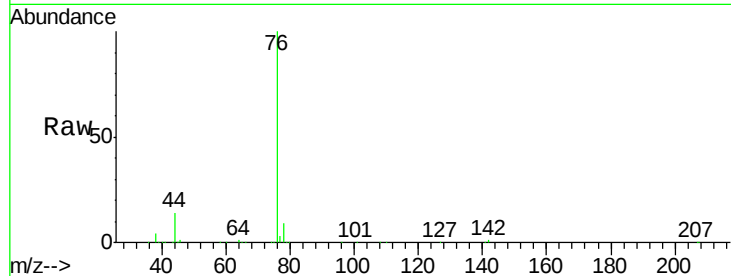
#17  
Carbon Disulfide  
Concen: 53.25 ug/l  
RT: 4.37 min Scan# 457  
Delta R.T. 0.01 min  
Lab File: VW004153.D  
Acq: 23 Jul 2018 23:25

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 8.9   | 7.1   | 10.7  |

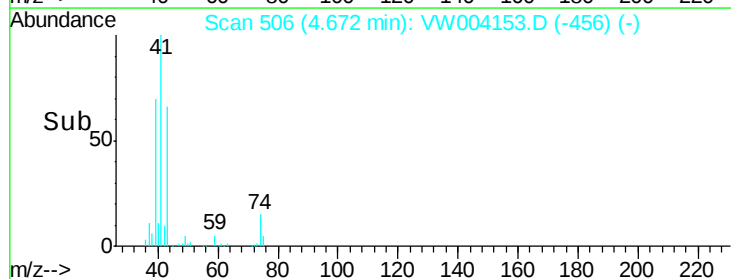
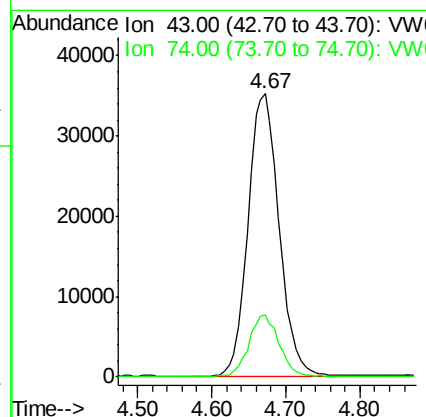
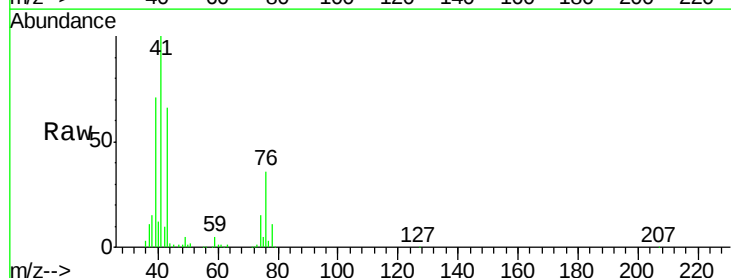
Manual Integrations  
APPROVED

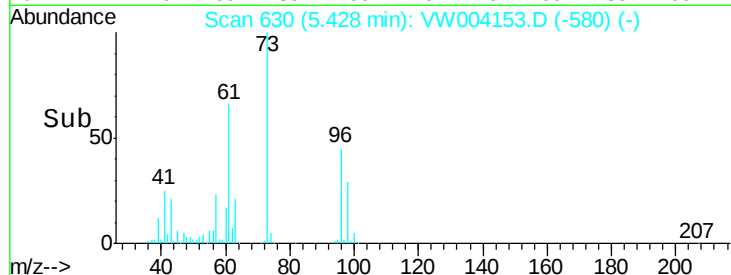
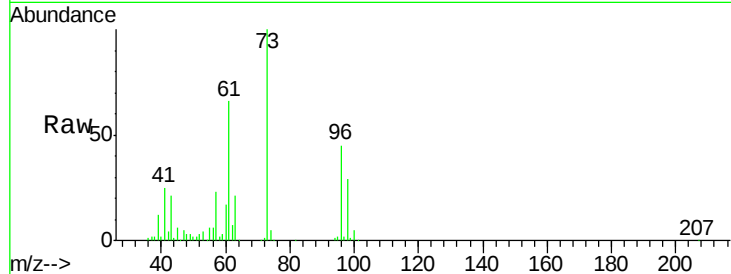
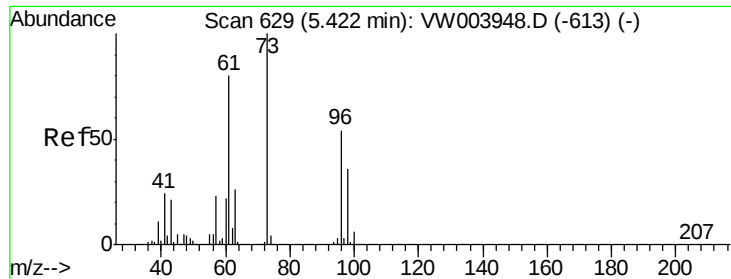
apatel  
7/24/2018 11:50:02 AM



#18  
Methyl Acetate  
Concen: 64.61 ug/l  
RT: 4.67 min Scan# 506  
Delta R.T. 0.01 min  
Lab File: VW004153.D  
Acq: 23 Jul 2018 23:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 21.6  | 17.7  | 26.5  |





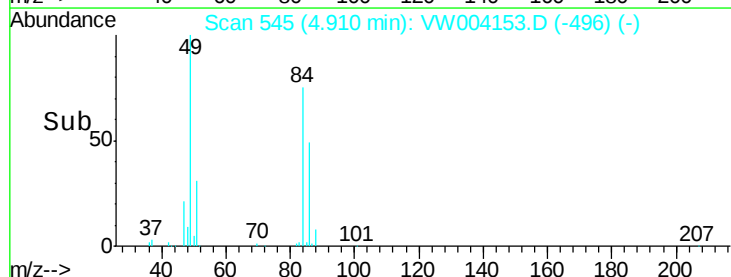
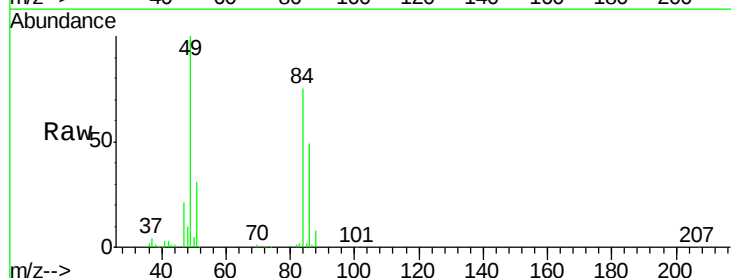
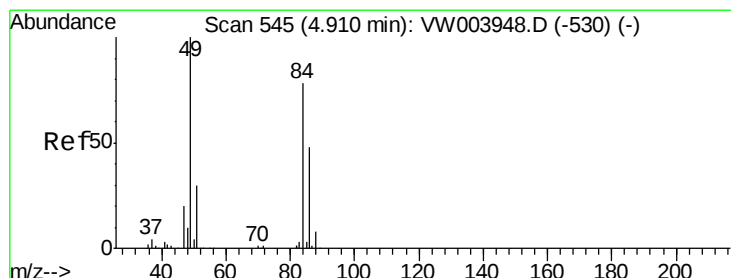
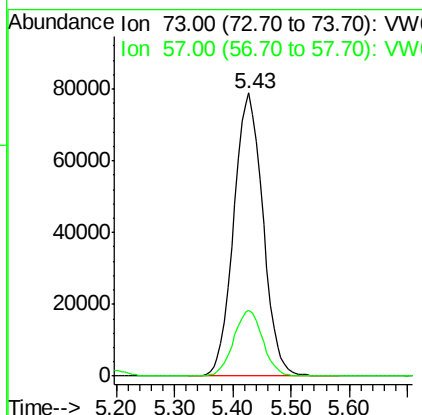
#19  
Methvl tert-butvl Ether  
Concen: 59.09 ug/l  
RT: 5.43 min Scan# 630  
Delta R.T. 0.01 min  
Lab File: VW004153.D  
Acq: 23 Jul 2018 23:25

Tot Ion: 73 Resp: 274994  
Ion Ratio Lower Upper  
73 100  
57 23.2 18.2 27.4

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

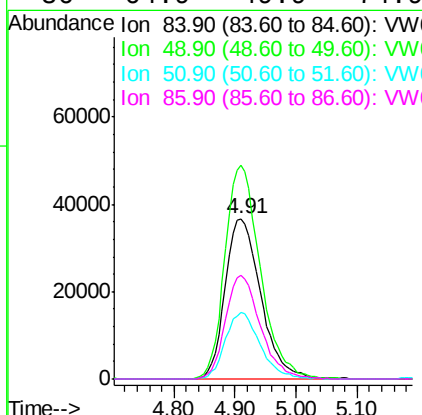
Manual Integrations  
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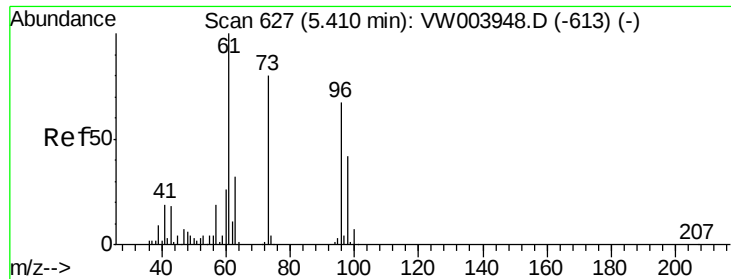
apatel  
7/24/2018 11:50:02 AM



#20  
Methylene Chloride  
Concen: 49.97 ug/l  
RT: 4.91 min Scan# 545  
Delta R.T. 0.00 min  
Lab File: VW004153.D  
Acq: 23 Jul 2018 23:25

Tgt Ion: 84 Resp: 148076  
Ion Ratio Lower Upper  
84 100  
49 133.3 102.9 154.3  
51 41.5 30.9 46.3  
86 64.9 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 55.16 ug/l

RT: 5.41 min Scan# 627

Delta R.T. 0.00 min

Lab File: VW004153.D

Acq: 23 Jul 2018 23:25

Instrument :

MSVOA\_W

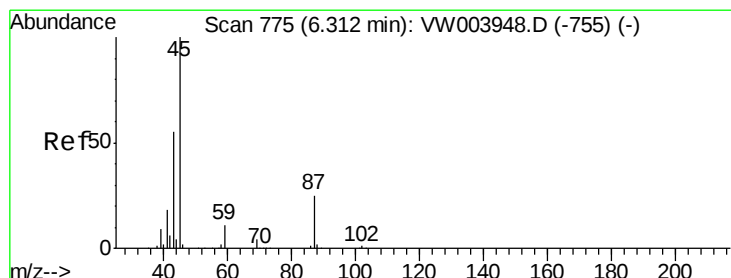
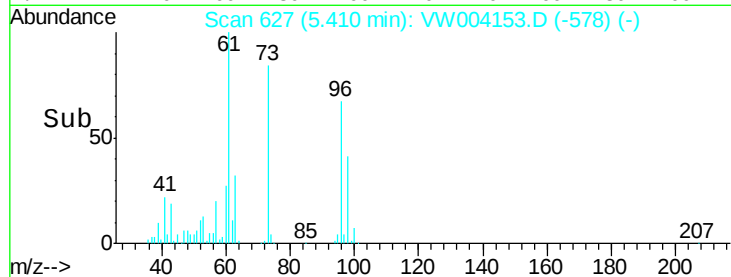
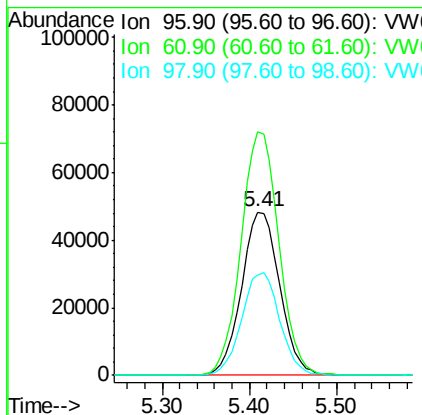
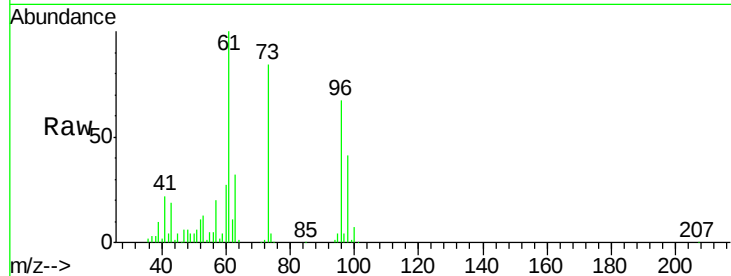
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 146814 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 149.2 | 119.0 | 178.4  |
| 98       | 61.7  | 49.9  | 74.9   |

Manual Integrations  
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apatel  
7/24/2018 11:50:02 AM



#22

Diisopropyl ether

Concen: 59.37 ug/l

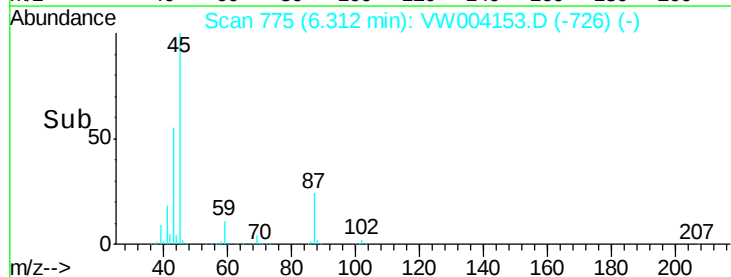
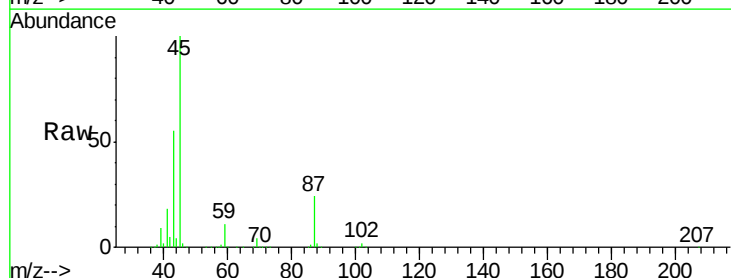
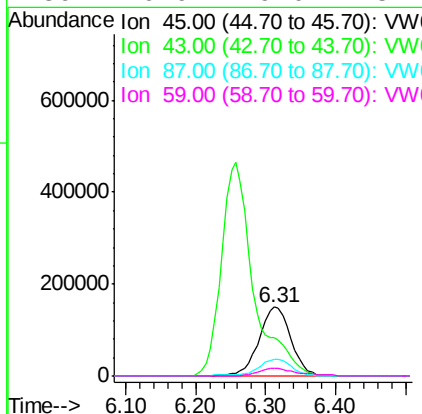
RT: 6.31 min Scan# 775

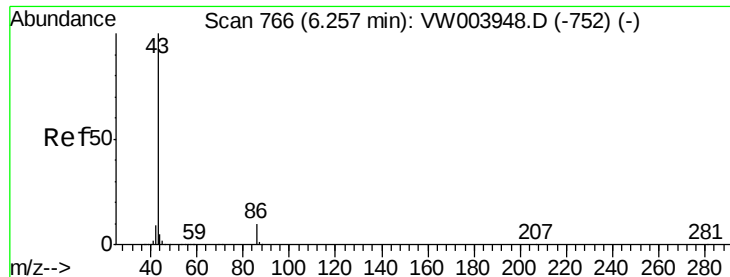
Delta R.T. 0.00 min

Lab File: VW004153.D

Acq: 23 Jul 2018 23:25

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 480919 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 54.9  | 44.3  | 66.5   |
| 87       | 23.9  | 20.2  | 30.4   |
| 59       | 10.9  | 9.0   | 13.4   |





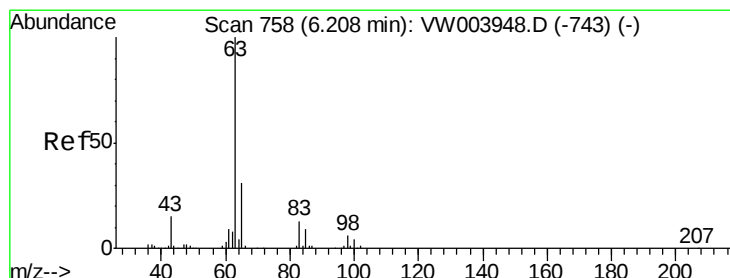
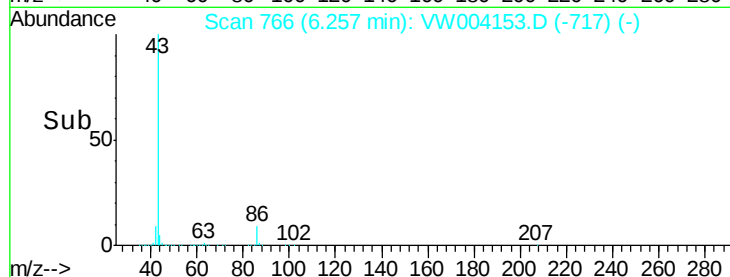
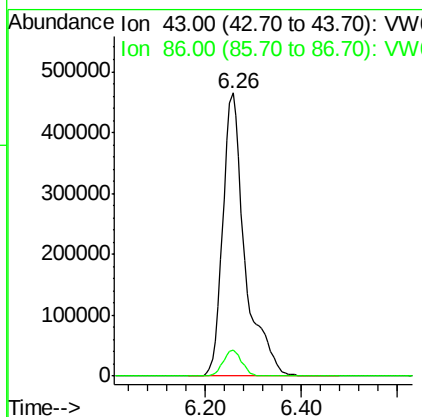
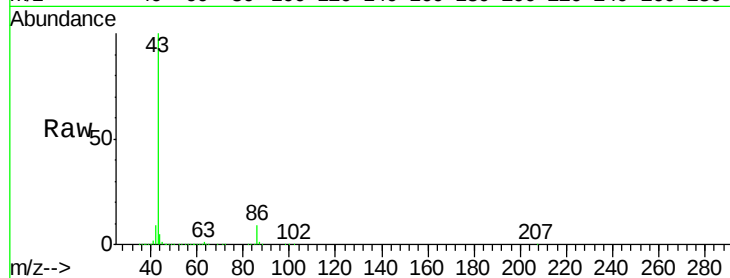
#23  
 Vinyl Acetate  
 Concen: 290.93 ug/l  
 RT: 6.26 min Scan# 766  
 Delta R.T. 0.00 min  
 Lab File: VW004153.D  
 Acq: 23 Jul 2018 23:25

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 43 Resp: 1493223  
 Ion Ratio Lower Upper  
 43 100  
 86 9.1 7.6 11.4

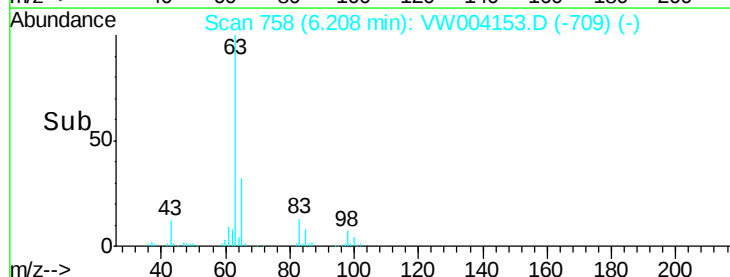
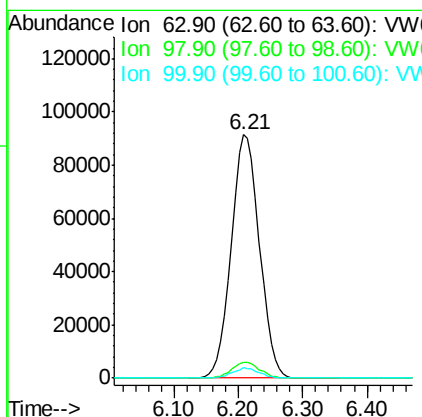
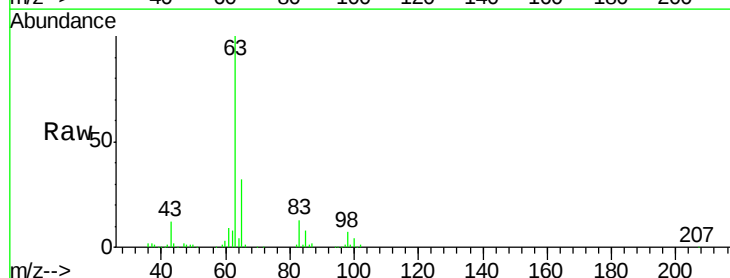
Manual Integrations  
 APPROVED

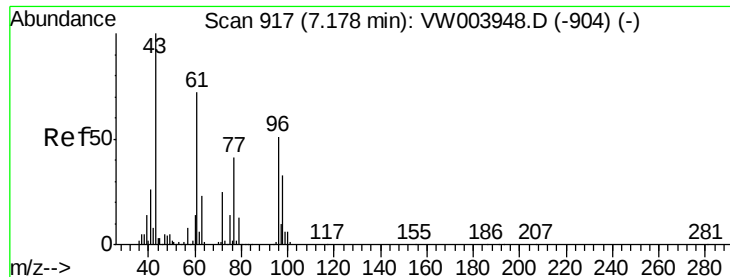
apatel  
 7/24/2018 11:50:02 AM



#24  
 1,1-Dichloroethane  
 Concen: 56.46 ug/l  
 RT: 6.21 min Scan# 758  
 Delta R.T. 0.00 min  
 Lab File: VW004153.D  
 Acq: 23 Jul 2018 23:25

Tgt Ion: 63 Resp: 279072  
 Ion Ratio Lower Upper  
 63 100  
 98 6.6 3.1 9.4  
 100 4.2 2.1 6.5





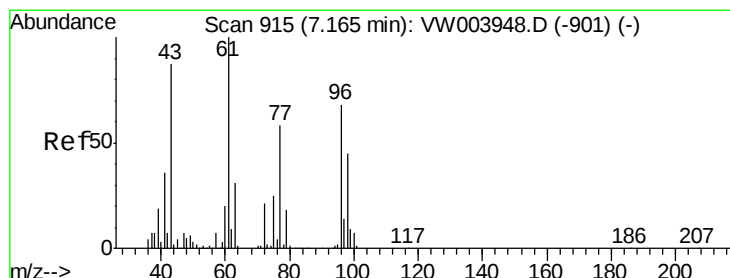
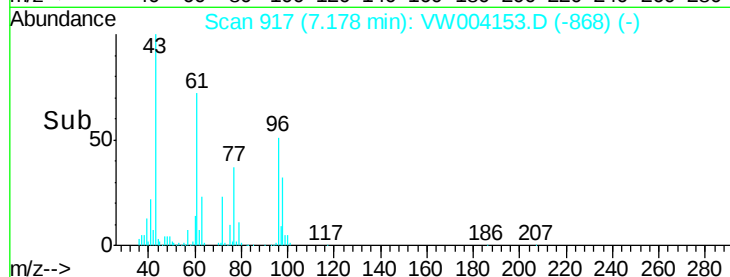
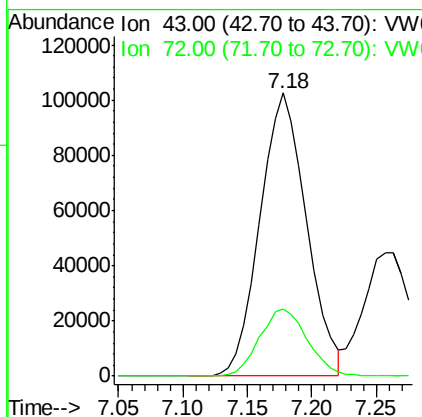
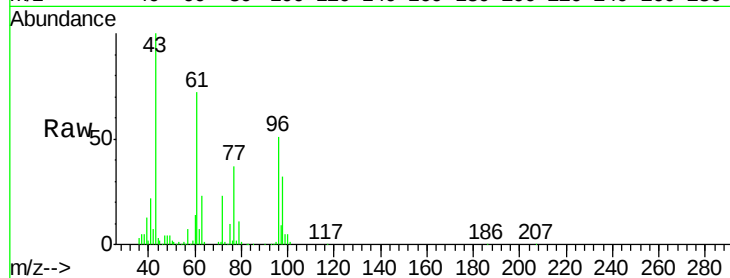
#25  
2-Butanone  
Concen: 284.58 ug/l  
RT: 7.18 min Scan# 917  
Delta R.T. 0.00 min  
Lab File: VW004153.D  
Acq: 23 Jul 2018 23:25

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 72      | 23.5  | 19.8  | 29.6  |

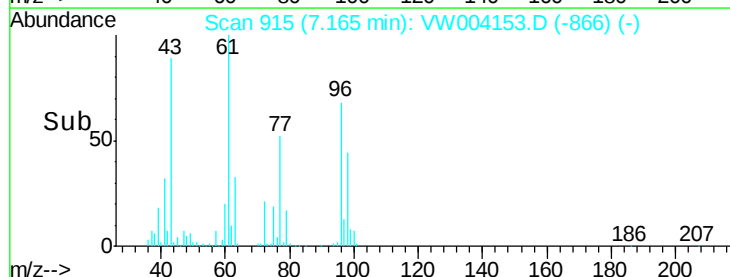
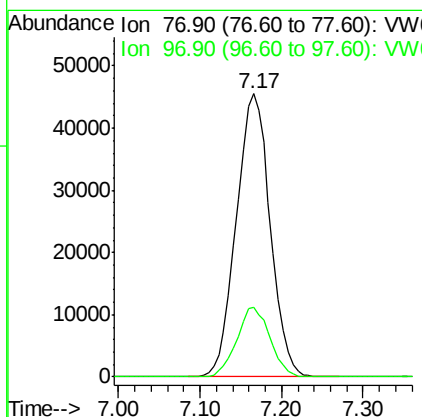
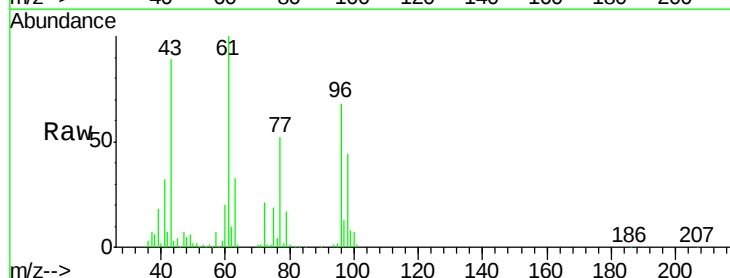
Manual Integrations  
APPROVED

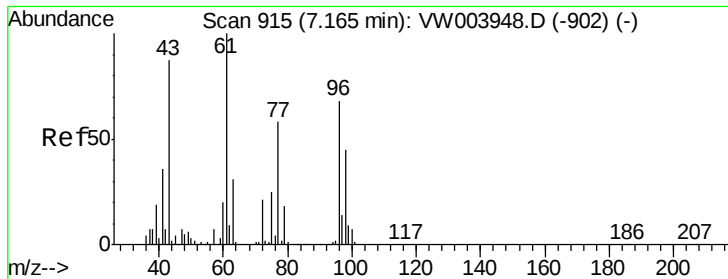
apatel  
7/24/2018 11:50:02 AM



#26  
2,2-Dichloropropane  
Concen: 46.12 ug/l  
RT: 7.17 min Scan# 915  
Delta R.T. 0.00 min  
Lab File: VW004153.D  
Acq: 23 Jul 2018 23:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 97      | 24.2  | 11.8  | 35.3  |





#27

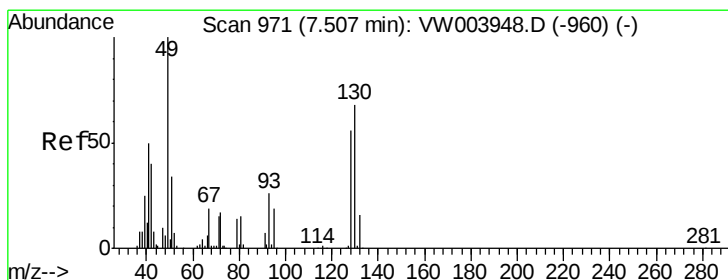
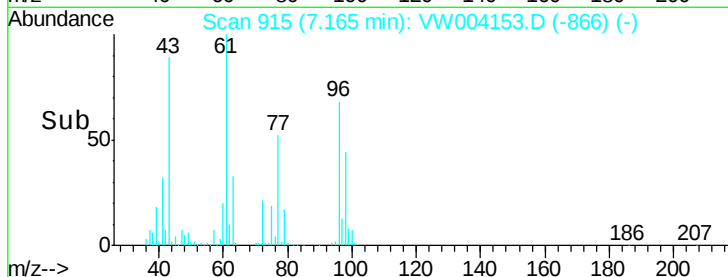
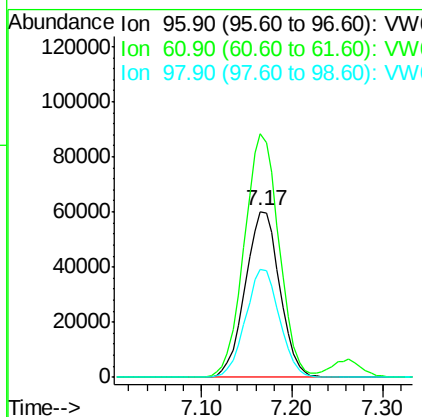
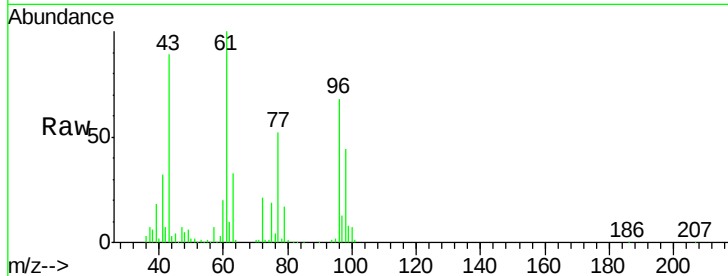
cis-1,2-Dichloroethene  
 Concen: 55.05 ug/l  
 RT: 7.17 min Scan# 915  
 Delta R.T. 0.00 min  
 Lab File: VW004153.D  
 Acq: 23 Jul 2018 23:25

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 96      | 100   |       |       |       |       |
| 61      | 147.7 | 0.0   | 298.6 |       |       |
| 98      | 64.2  | 0.0   | 130.4 |       |       |

Manual Integrations  
 APPROVED

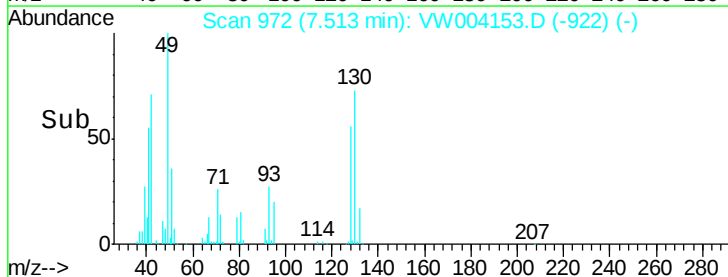
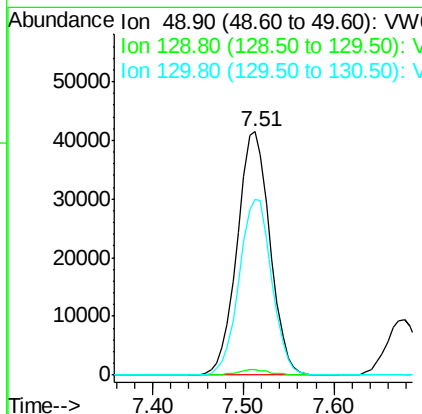
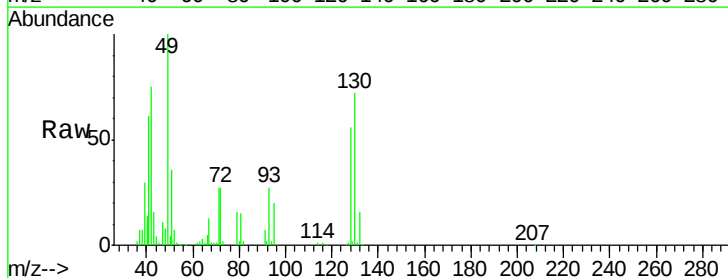
apatel  
 7/24/2018 11:50:02 AM

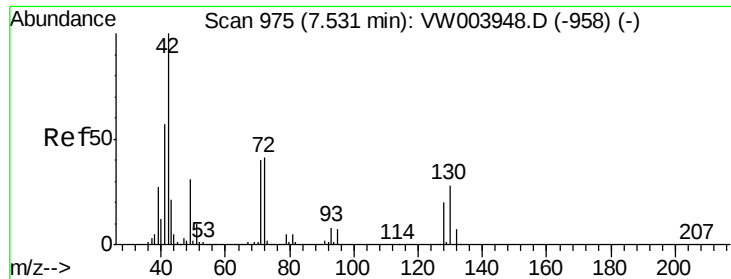


#28

Bromochloromethane  
 Concen: 51.45 ug/l  
 RT: 7.51 min Scan# 972  
 Delta R.T. 0.01 min  
 Lab File: VW004153.D  
 Acq: 23 Jul 2018 23:25

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 49      | 100  |       |      |       |       |
| 129     | 2.2  | 0.0   | 2.2  |       |       |
| 130     | 71.8 | 58.3  | 87.5 |       |       |





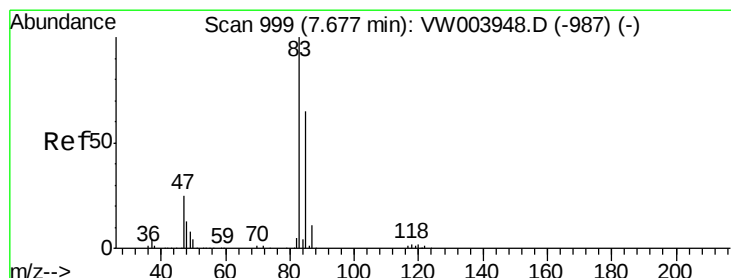
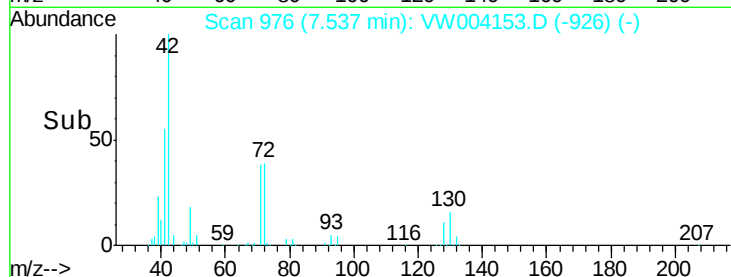
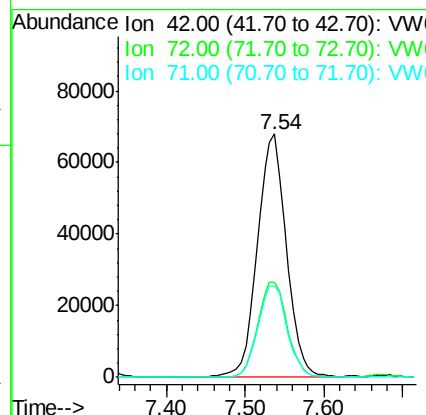
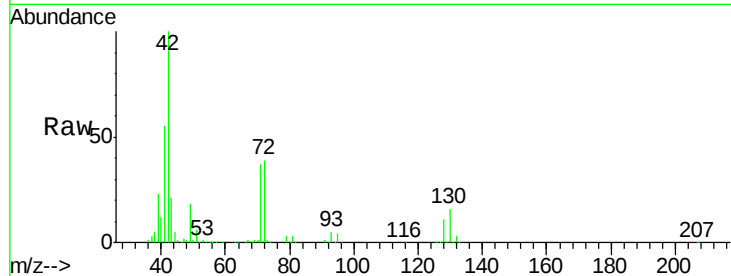
#29  
Tetrahydrofuran  
Concen: 306.77 ug/l  
RT: 7.54 min Scan# 976  
Delta R.T. 0.01 min  
Lab File: VW004153.D  
Acq: 23 Jul 2018 23:25

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 40.1  | 32.6  | 48.8  |
| 71      | 38.3  | 30.5  | 45.7  |

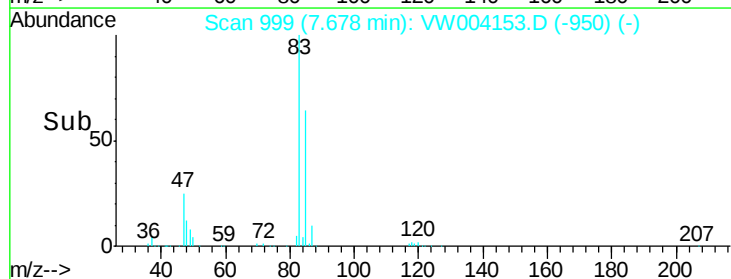
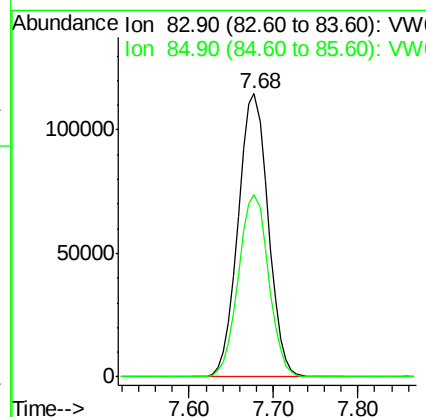
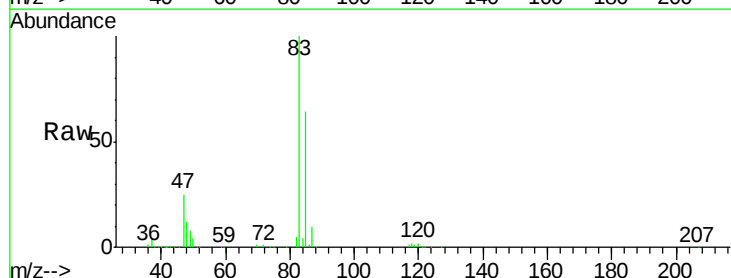
Manual Integrations  
APPROVED

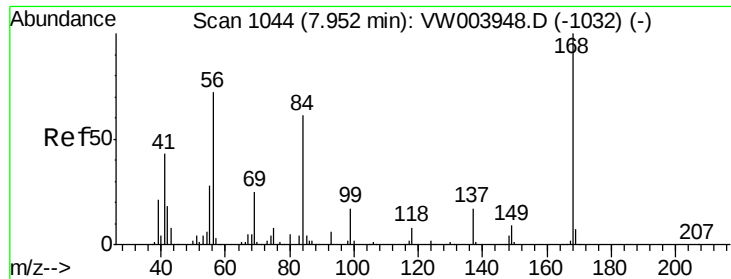
apatel  
7/24/2018 11:50:02 AM



#30  
Chloroform  
Concen: 56.12 ug/l  
RT: 7.68 min Scan# 999  
Delta R.T. 0.00 min  
Lab File: VW004153.D  
Acq: 23 Jul 2018 23:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.5  | 52.2  | 78.4  |





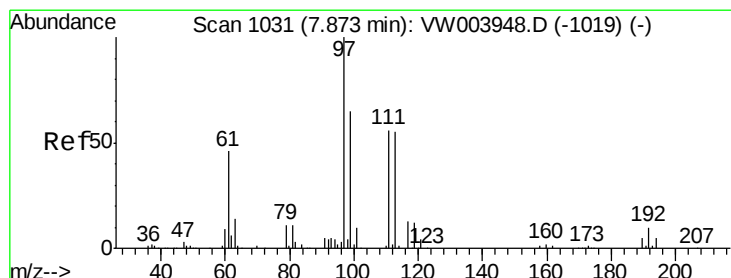
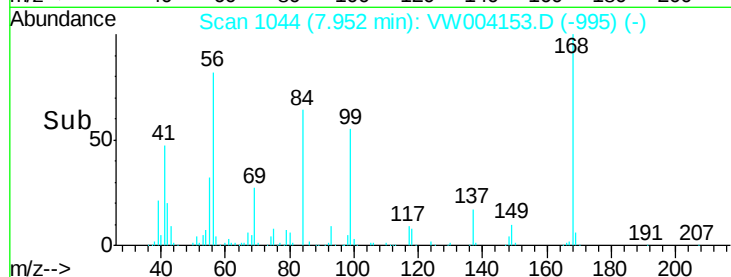
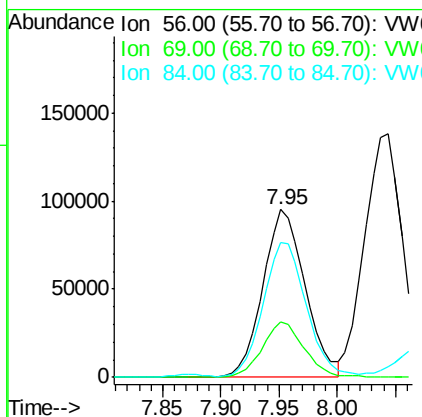
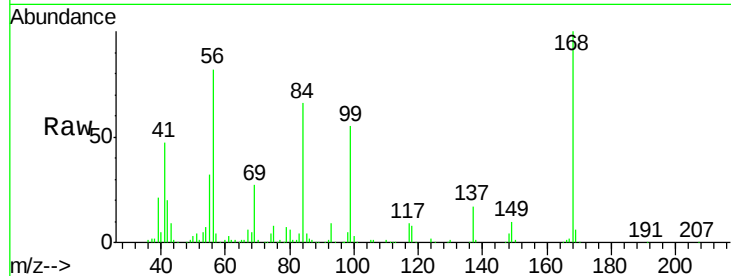
#31  
Cyclohexane  
Concen: 51.81 ug/l  
RT: 7.95 min Scan# 1044  
Delta R.T. 0.00 min  
Lab File: VW004153.D  
Acq: 23 Jul 2018 23:25

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 32.8  | 27.8  | 41.8  |
| 84      | 78.4  | 67.2  | 100.8 |

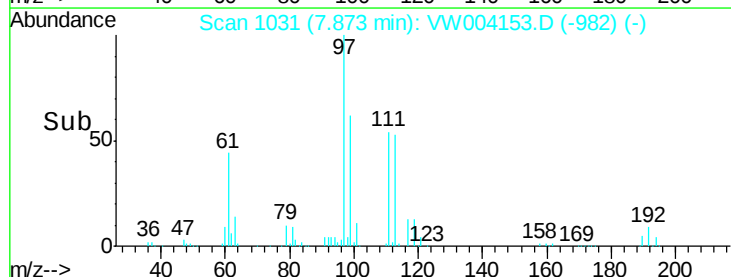
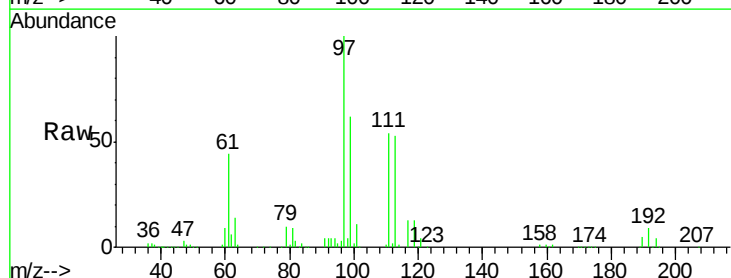
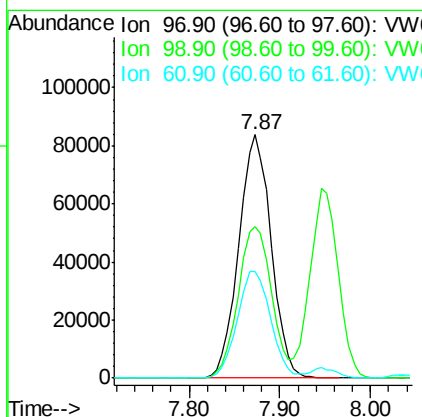
Manual Integrations  
APPROVED

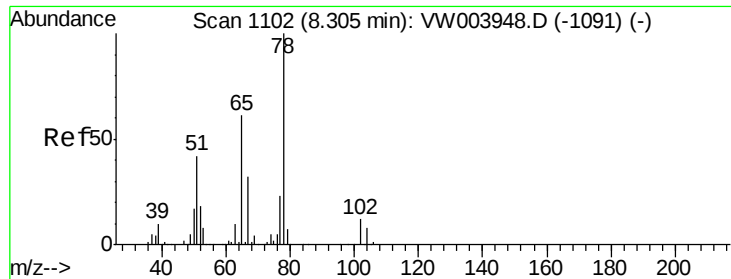
apatel  
7/24/2018 11:50:02 AM



#32  
1,1,1-Trichloroethane  
Concen: 54.06 ug/l  
RT: 7.87 min Scan# 1031  
Delta R.T. 0.00 min  
Lab File: VW004153.D  
Acq: 23 Jul 2018 23:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.0  | 51.3  | 76.9  |
| 61      | 45.4  | 36.8  | 55.2  |





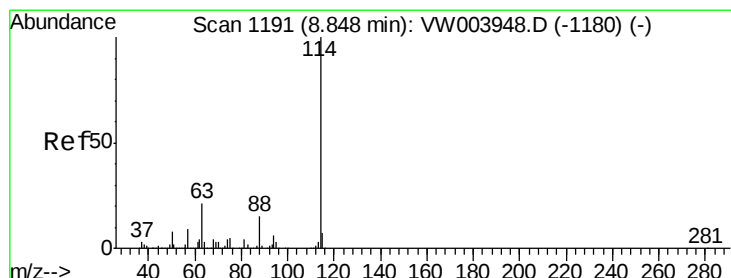
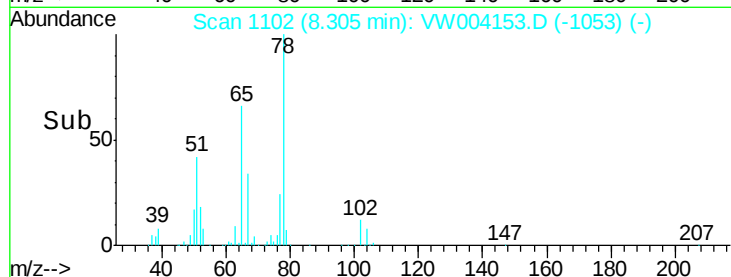
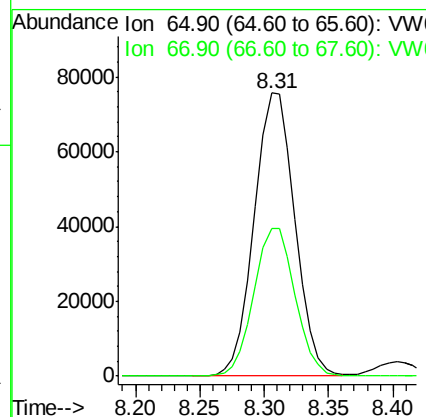
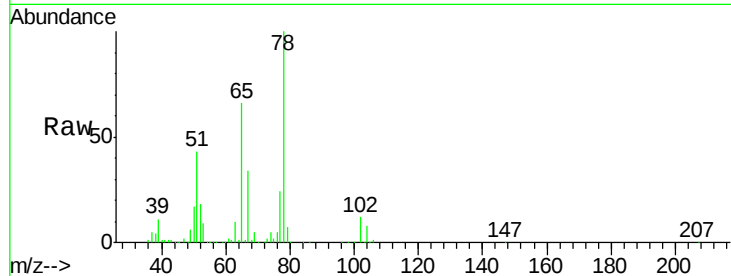
#33  
 1,2-Dichloroethane-d4  
 Concen: 59.22 ug/l  
 RT: 8.31 min Scan# 1102  
 Delta R.T. 0.00 min  
 Lab File: VW004153.D  
 Acq: 23 Jul 2018 23:25

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 165406 |       |       |
| 67      | 53.0  | 0.0    | 105.0 |       |

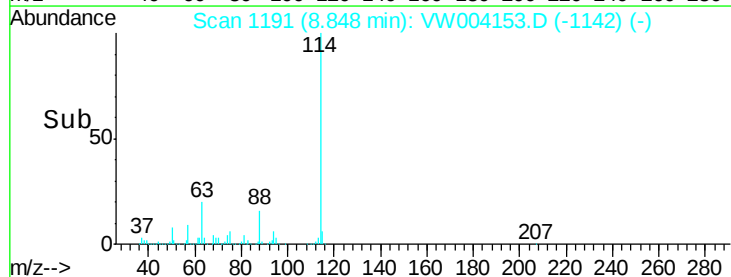
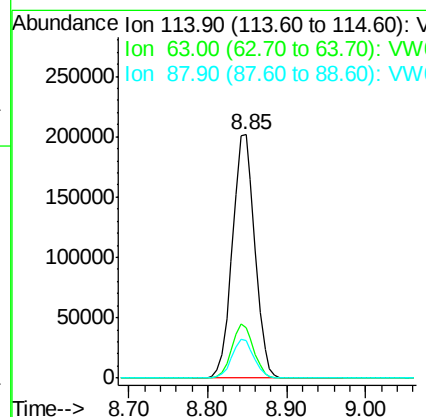
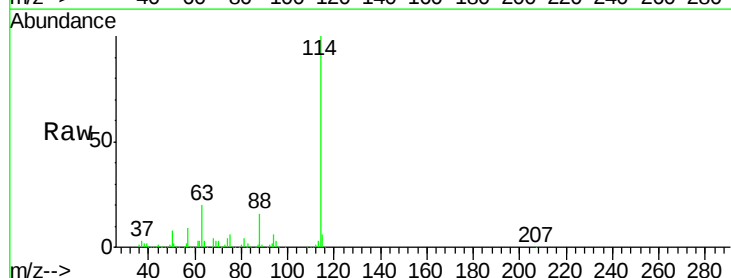
Manual Integrations  
 APPROVED

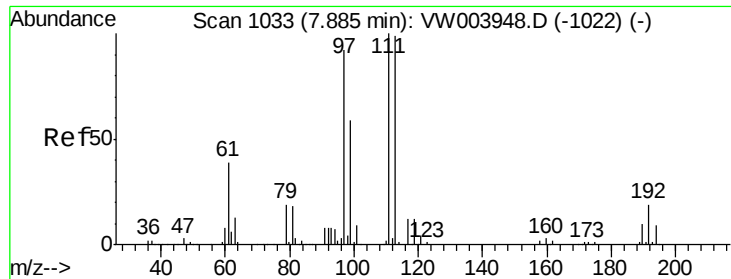
apatel  
 7/24/2018 11:50:02 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 8.85 min Scan# 1191  
 Delta R.T. 0.00 min  
 Lab File: VW004153.D  
 Acq: 23 Jul 2018 23:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 397989 |       |       |
| 63      | 20.5  | 0.0    | 42.8  |       |
| 88      | 15.6  | 0.0    | 30.4  |       |





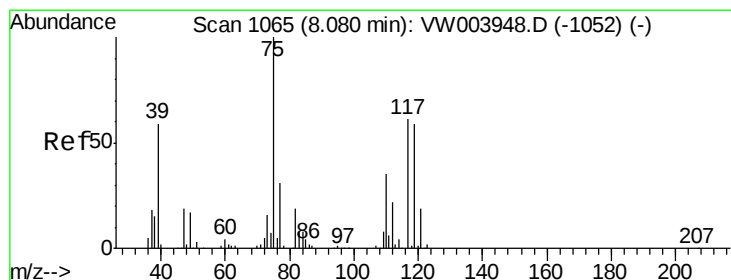
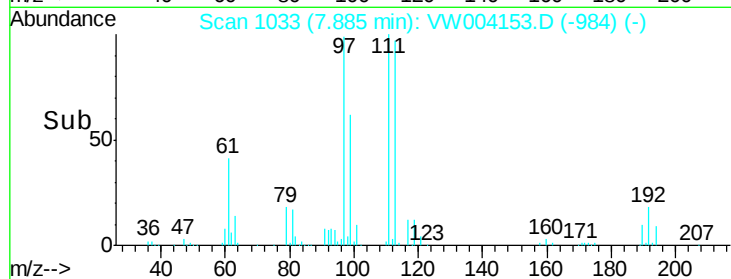
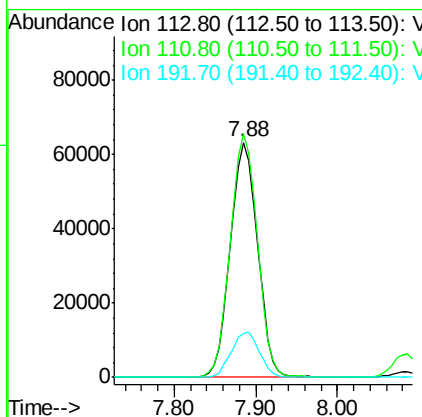
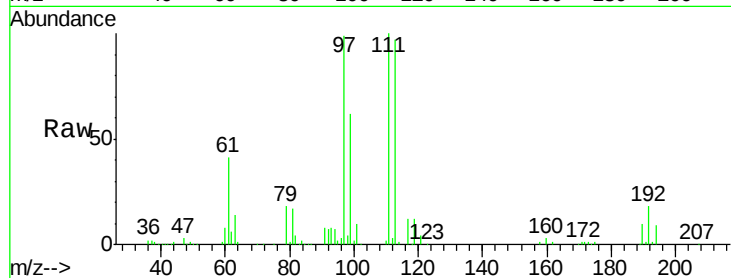
#35  
Dibromofluoromethane  
Concen: 57.07 ug/l  
RT: 7.88 min Scan# 1033  
Delta R.T. 0.00 min  
Lab File: VW004153.D  
Acq: 23 Jul 2018 23:25

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 145733 |       |       |
| 111     | 103.0 | 81.3   | 121.9 |       |
| 192     | 19.7  | 15.8   | 23.6  |       |

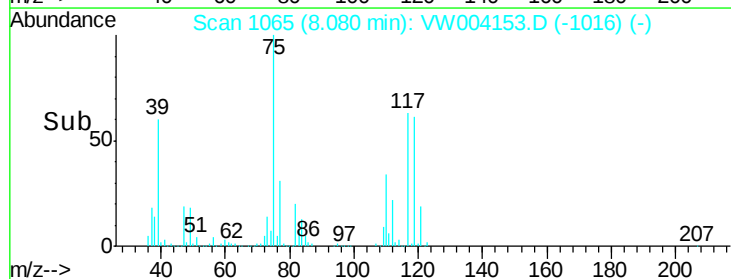
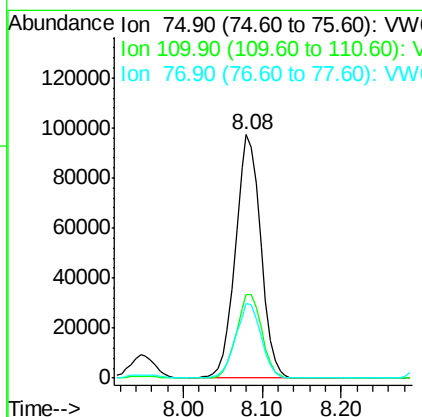
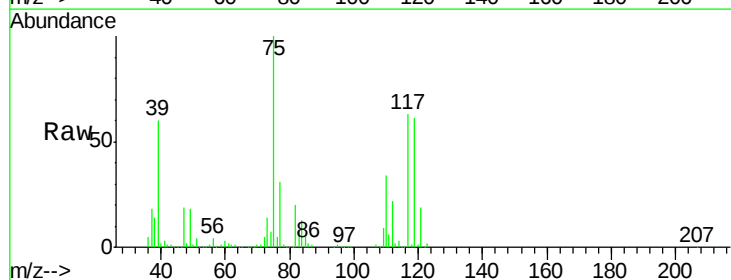
Manual Integrations  
APPROVED

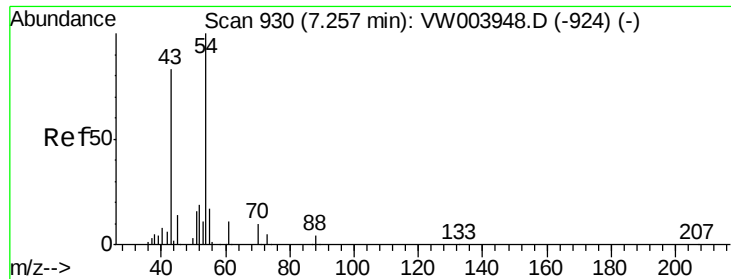
apatel  
7/24/2018 11:50:02 AM



#36  
1,1-Dichloropropene  
Concen: 53.02 ug/l  
RT: 8.08 min Scan# 1065  
Delta R.T. 0.00 min  
Lab File: VW004153.D  
Acq: 23 Jul 2018 23:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 217094 |       |       |
| 110     | 34.7  | 17.0   | 51.0  |       |
| 77      | 31.2  | 24.9   | 37.3  |       |





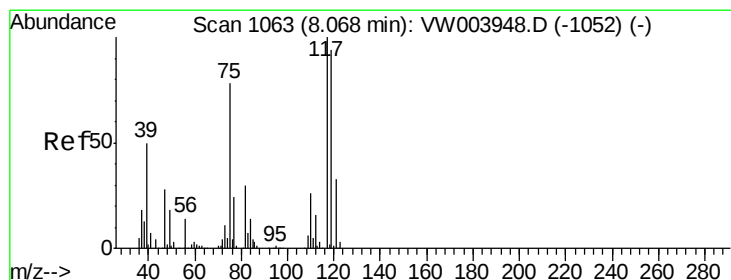
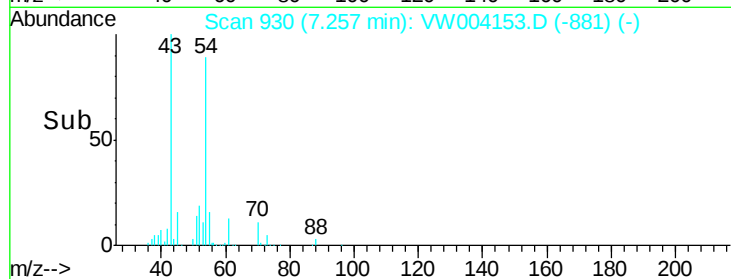
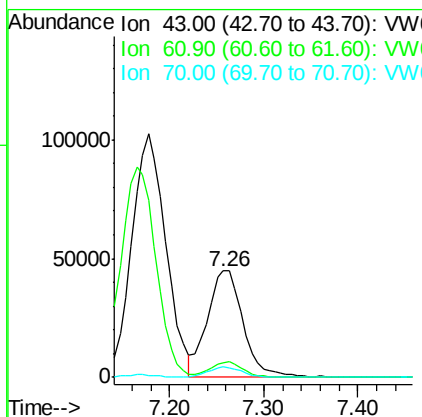
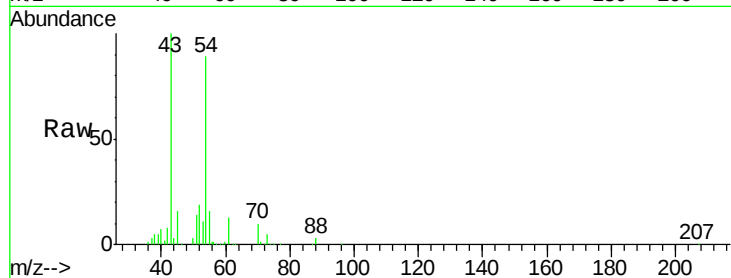
#37  
Ethyl Acetate  
Concen: 59.31 ug/l  
RT: 7.26 min Scan# 930  
Delta R.T. 0.00 min  
Lab File: VW004153.D  
Acq: 23 Jul 2018 23:25

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 43      | 100   | 117147 |       |       |
| 61      | 13.2  |        | 10.7  | 16.1  |
| 70      | 9.3   |        | 7.7   | 11.5  |

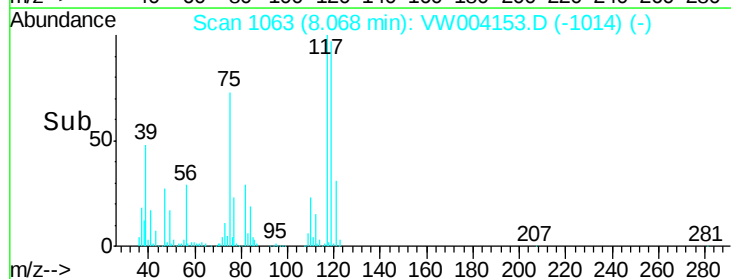
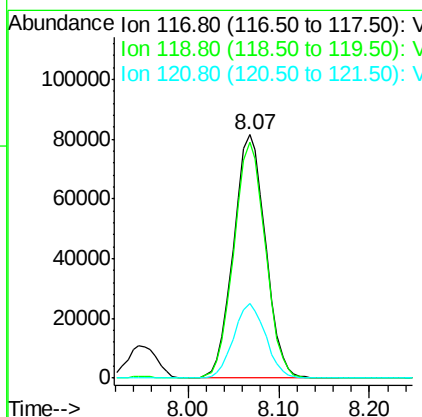
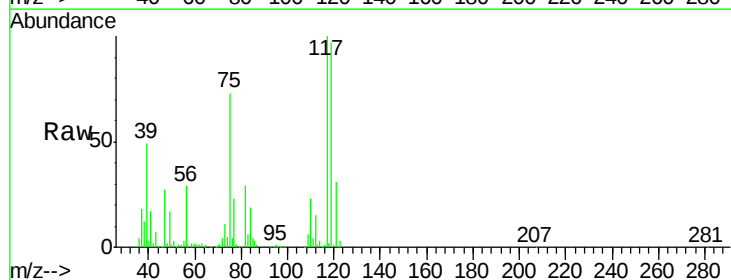
Manual Integrations  
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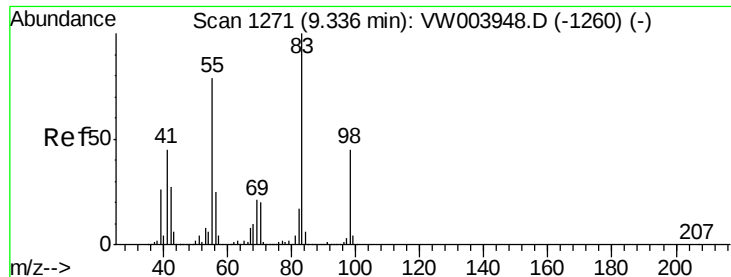
apatel  
7/24/2018 11:50:02 AM



#38  
Carbon Tetrachloride  
Concen: 52.14 ug/l  
RT: 8.07 min Scan# 1063  
Delta R.T. 0.00 min  
Lab File: VW004153.D  
Acq: 23 Jul 2018 23:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 199487 |       |       |
| 119     | 97.0  |        | 75.3  | 112.9 |
| 121     | 30.6  |        | 26.0  | 39.0  |





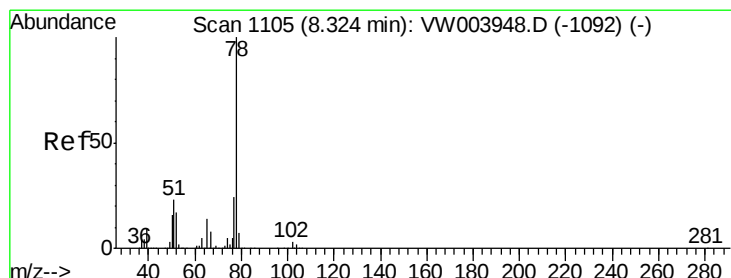
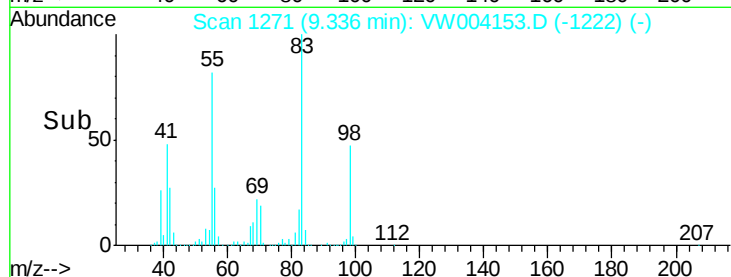
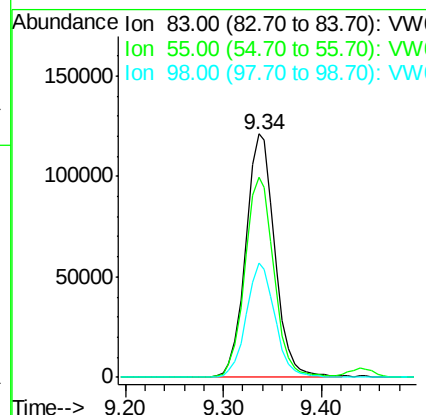
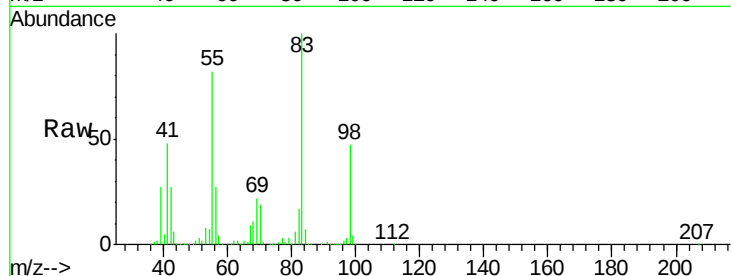
#39  
Methvlcvclohexane  
Concen: 52.04 ug/l  
RT: 9.34 min Scan# 1271  
Delta R.T. 0.00 min  
Lab File: VW004153.D  
Acq: 23 Jul 2018 23:25

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 249550 |       |       |
| 55      | 81.9  | 62.8   | 94.2  |       |
| 98      | 47.2  | 36.2   | 54.4  |       |

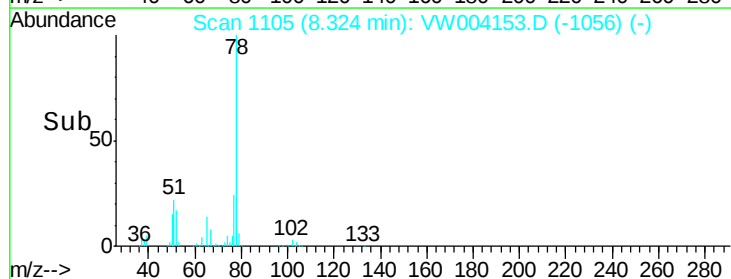
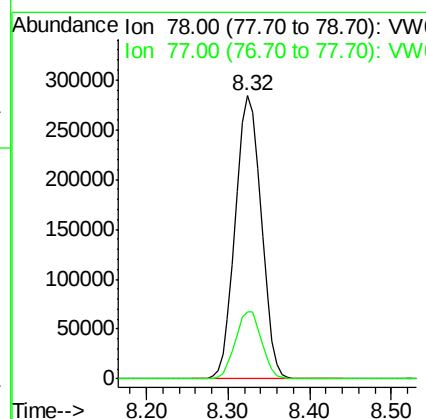
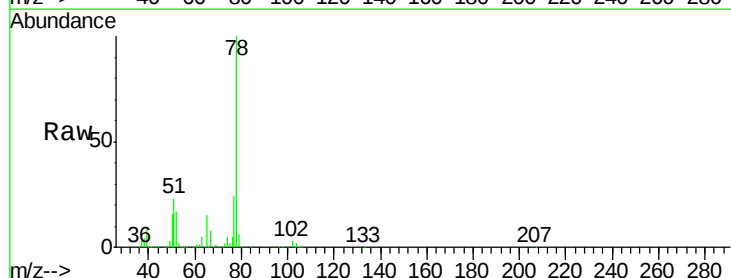
Manual Integrations  
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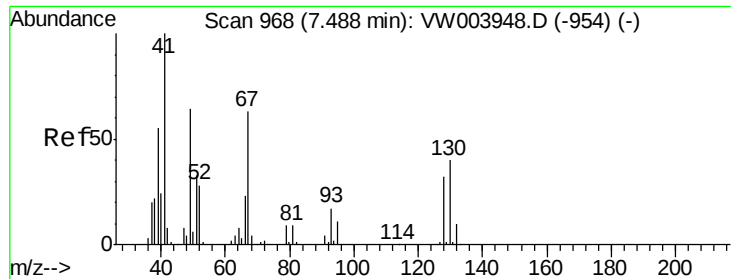
apatel  
7/24/2018 11:50:02 AM



#40  
Benzene  
Concen: 54.91 ug/l  
RT: 8.32 min Scan# 1105  
Delta R.T. 0.00 min  
Lab File: VW004153.D  
Acq: 23 Jul 2018 23:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 78      | 100   | 623825 |       |       |
| 77      | 23.9  | 19.5   | 29.3  |       |





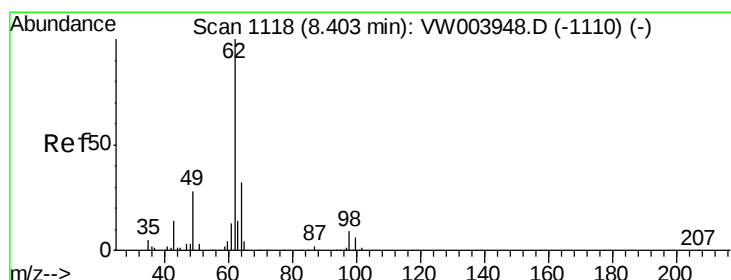
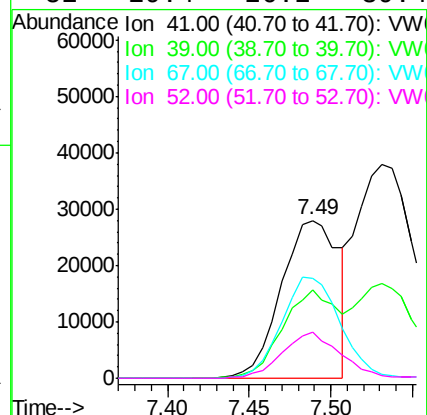
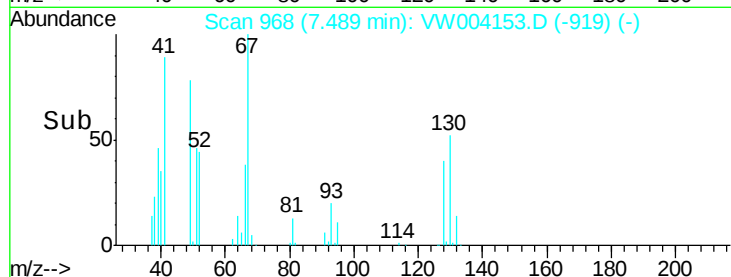
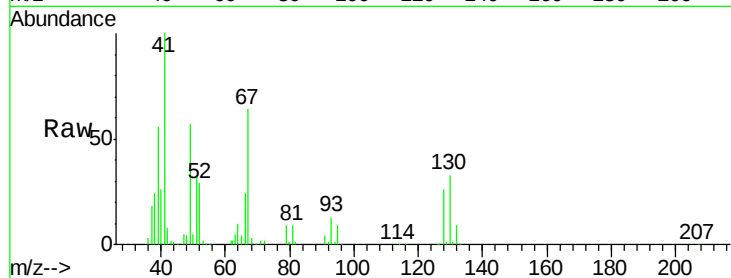
#41  
Methacrylonitrile  
Concen: 62.66 ug/l  
RT: 7.49 min Scan# 968  
Delta R.T. 0.00 min  
Lab File: VW004153.D  
Acq: 23 Jul 2018 23:25

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 52.8  | 50.0  | 75.0  |
| 67      | 65.8  | 60.8  | 91.2  |
| 52      | 29.4  | 26.2  | 39.4  |

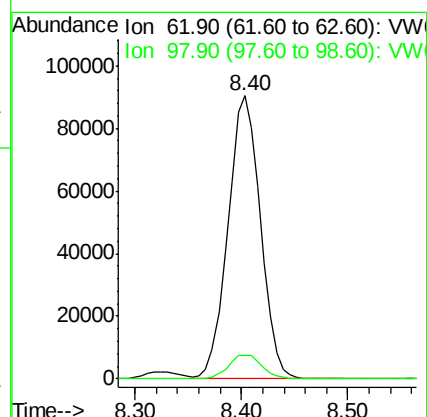
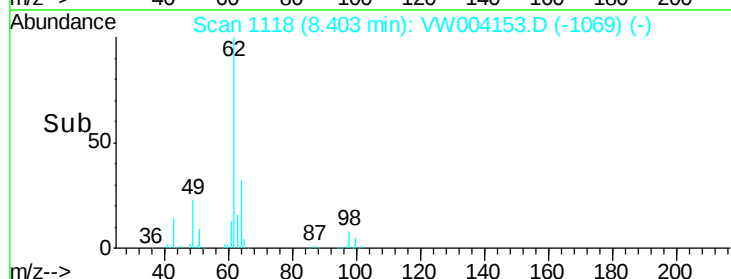
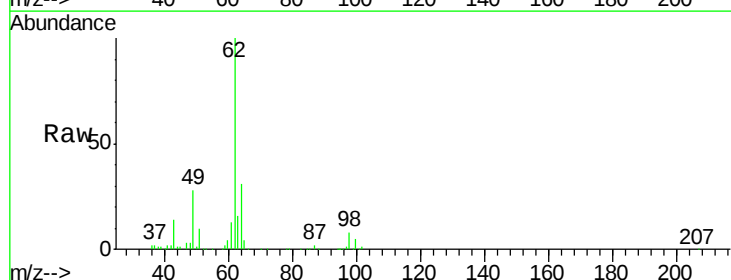
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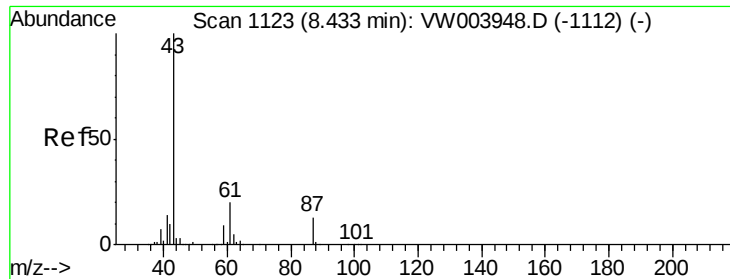
apatel  
7/24/2018 11:50:02 AM



#42  
1,2-Dichloroethane  
Concen: 55.63 ug/l  
RT: 8.40 min Scan# 1118  
Delta R.T. 0.00 min  
Lab File: VW004153.D  
Acq: 23 Jul 2018 23:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 8.8   | 0.0   | 17.4  |





#43

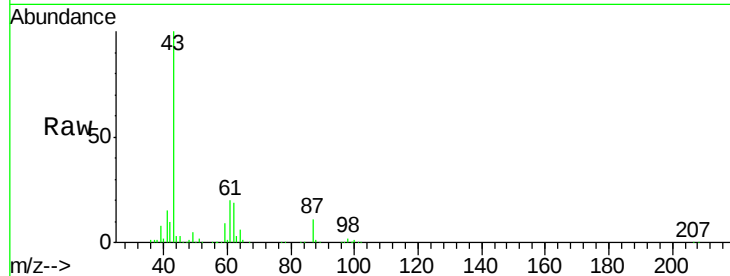
Isopropyl Acetate  
 Concen: 57.83 ug/l  
 RT: 8.43 min Scan# 1122  
 Delta R.T. -0.01 min  
 Lab File: VW004153.D  
 Acq: 23 Jul 2018 23:25

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

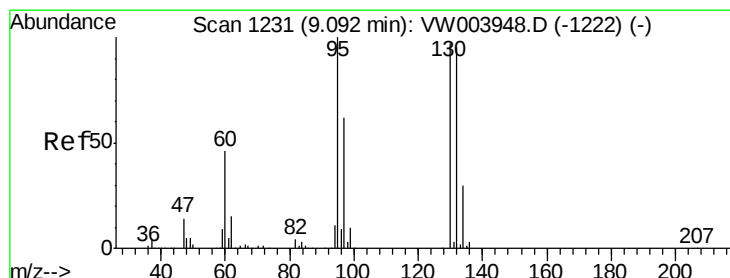
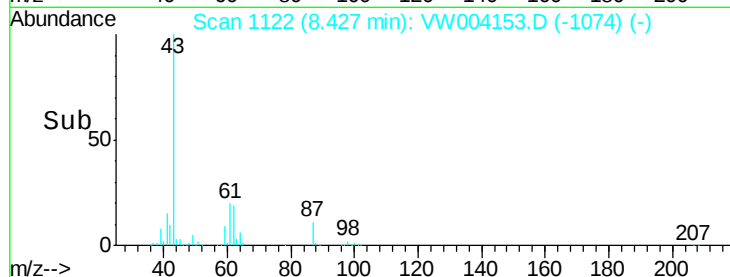
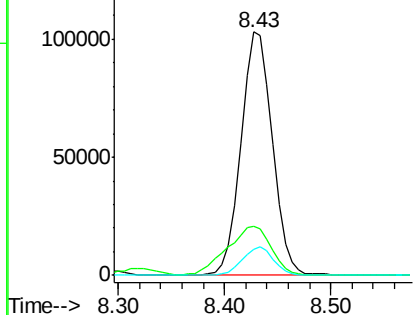
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 28.3  | 23.0  | 34.6  |
| 87      | 11.8  | 9.9   | 14.9  |

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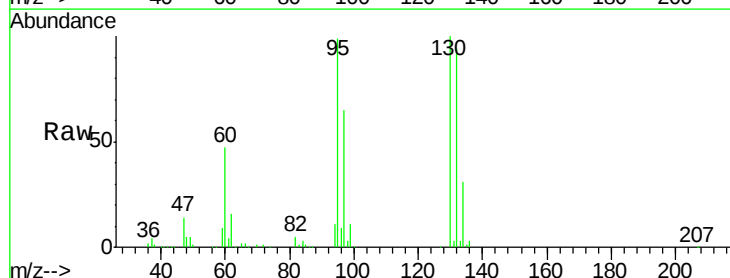
Abundance Ion 43.00 (42.70 to 43.70): VW  
 Ion 61.00 (60.70 to 61.70): VW  
 Ion 87.00 (86.70 to 87.70): VW



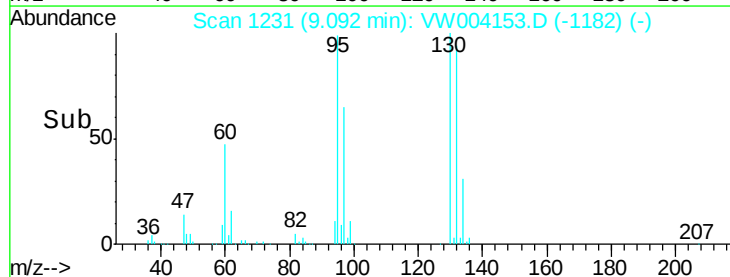
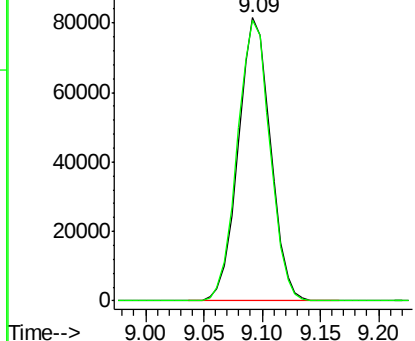
#44

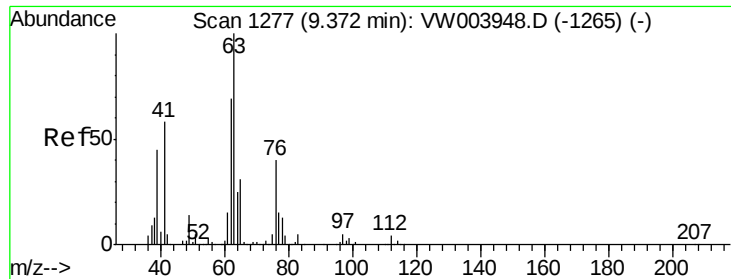
Trichloroethene  
 Concen: 53.48 ug/l  
 RT: 9.09 min Scan# 1231  
 Delta R.T. 0.00 min  
 Lab File: VW004153.D  
 Acq: 23 Jul 2018 23:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 99.0  | 0.0   | 206.8 |



Abundance Ion 129.80 (129.50 to 130.50): V  
 Ion 94.90 (94.60 to 95.60): VW





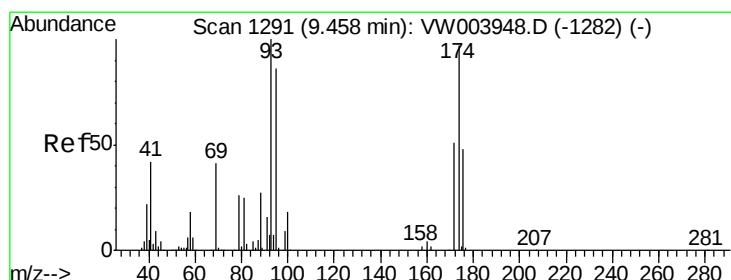
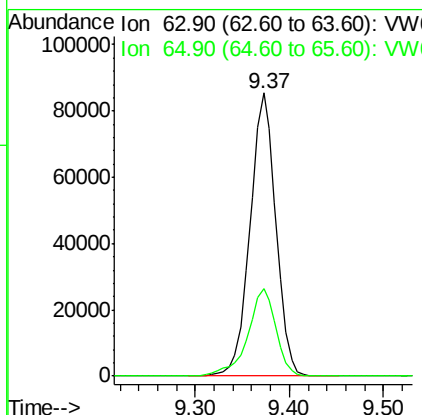
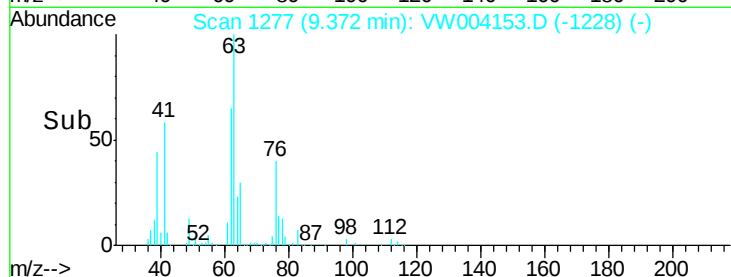
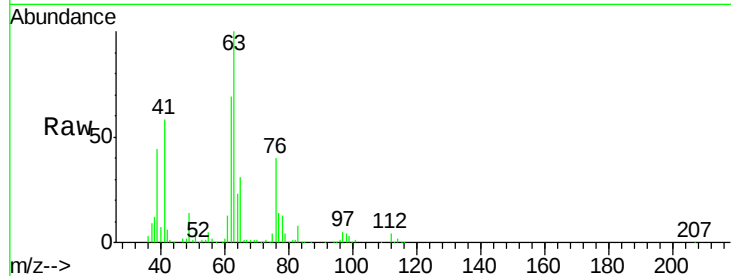
#45  
 1,2-Dichloropropane  
 Concen: 56.71 ug/l  
 RT: 9.37 min Scan# 1277  
 Delta R.T. 0.00 min  
 Lab File: VW004153.D  
 Acq: 23 Jul 2018 23:25

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 30.9  | 24.8  | 37.2  |

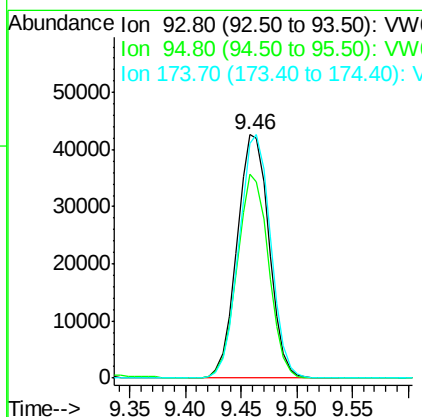
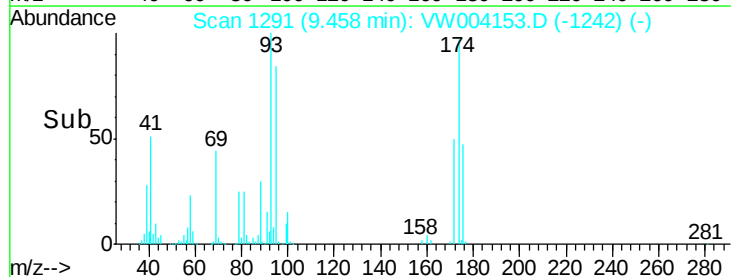
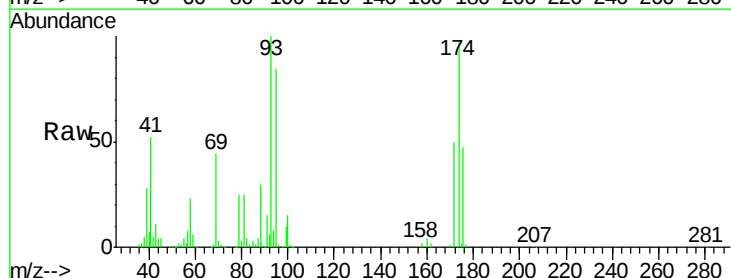
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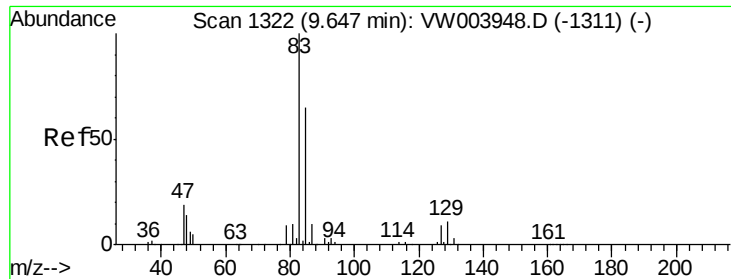
apatel  
 7/24/2018 11:50:02 AM



#46  
 Dibromomethane  
 Concen: 56.44 ug/l  
 RT: 9.46 min Scan# 1291  
 Delta R.T. 0.00 min  
 Lab File: VW004153.D  
 Acq: 23 Jul 2018 23:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 82.5  | 66.9  | 100.3 |
| 174     | 99.1  | 80.2  | 120.2 |





#47

Bromodichloromethane

Concen: 55.42 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW004153.D

Acq: 23 Jul 2018 23:25

Instrument :

MSVOA\_W

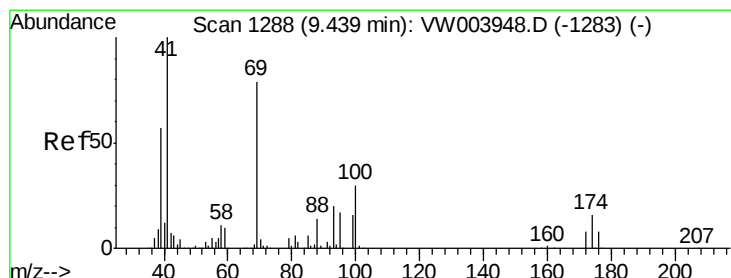
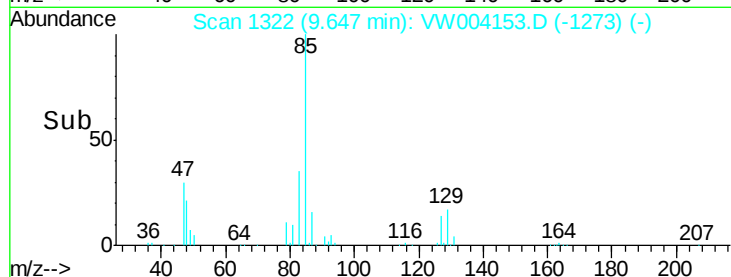
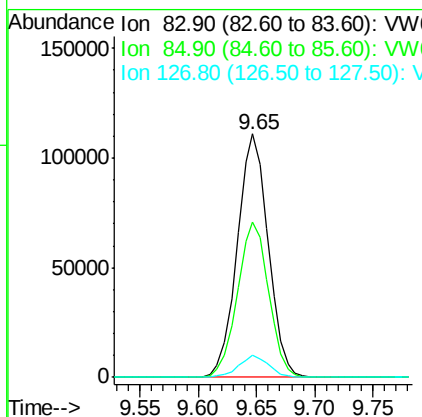
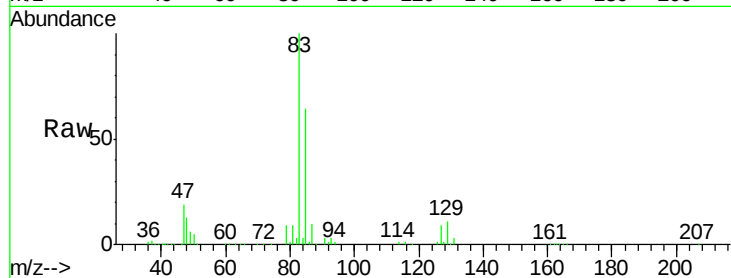
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 205553 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 63.8  | 52.2  | 78.2   |
| 127       | 9.1   | 7.0   | 10.4   |

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#48

Methyl methacrylate

Concen: 58.98 ug/l

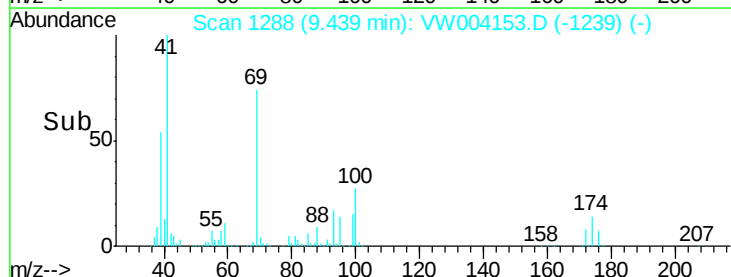
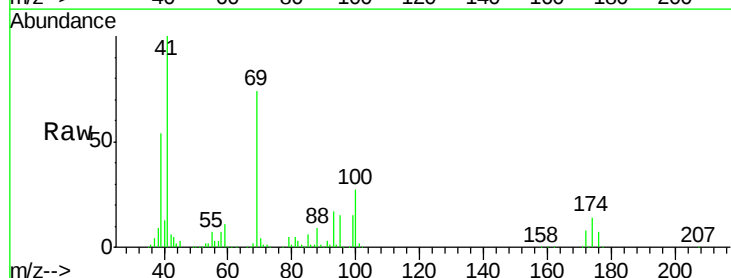
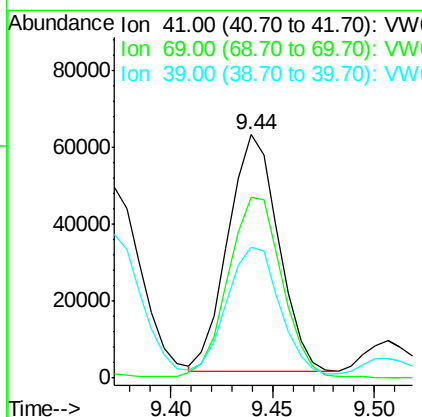
RT: 9.44 min Scan# 1288

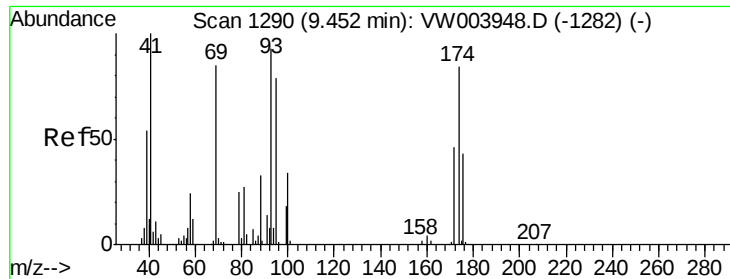
Delta R.T. 0.00 min

Lab File: VW004153.D

Acq: 23 Jul 2018 23:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 105367 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 82.1  | 67.0  | 100.6  |
| 39        | 59.6  | 48.8  | 73.2   |





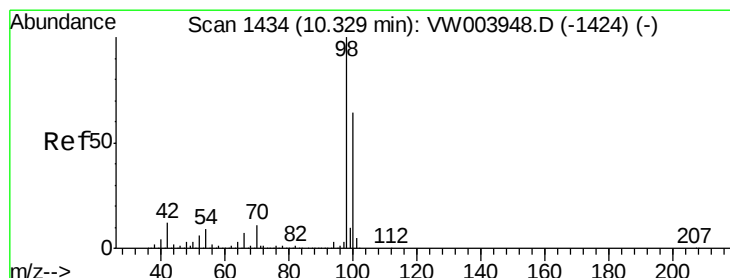
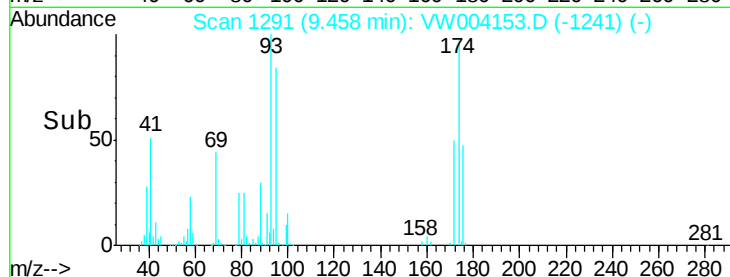
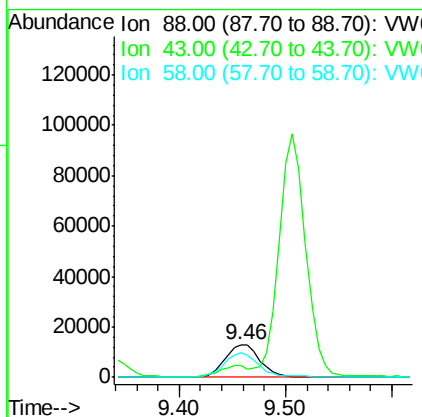
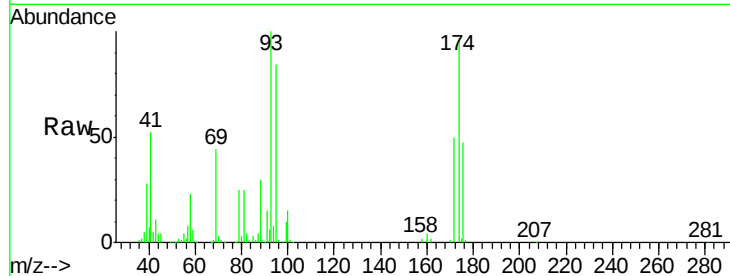
#49  
1,4-Dioxane  
Concen: 1289.12 ug/l  
RT: 9.46 min Scan# 1291  
Delta R.T. 0.01 min  
Lab File: VW004153.D  
Acq: 23 Jul 2018 23:25

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 27.6  | 27.3  | 40.9  |
| 58      | 76.3  | 61.1  | 91.7  |

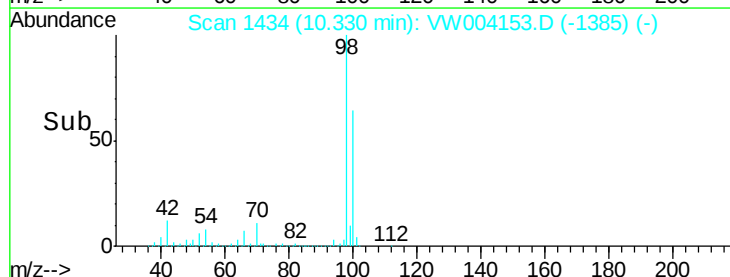
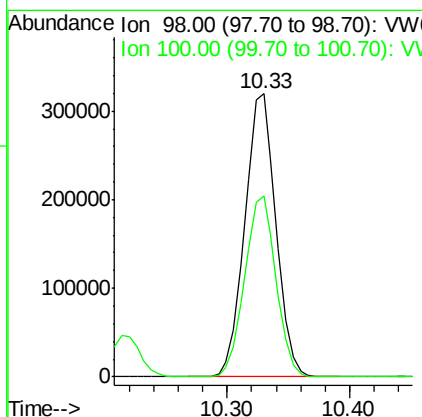
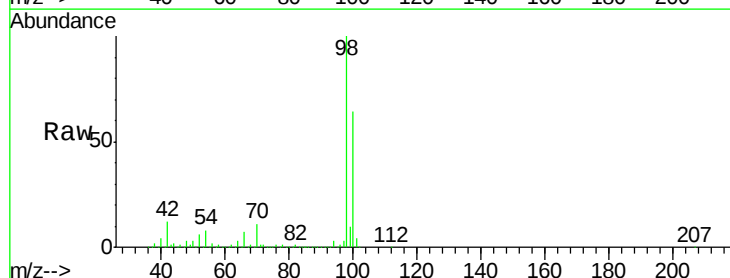
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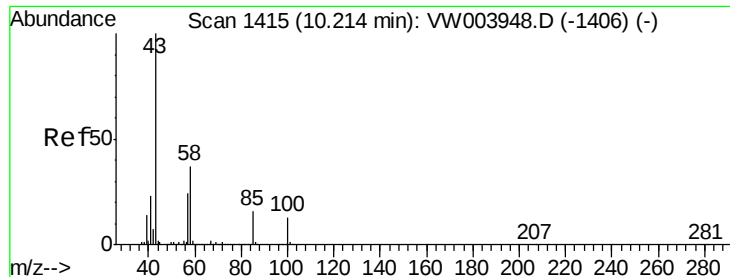
apatel  
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#50  
Toluene-d8  
Concen: 56.92 ug/l  
RT: 10.33 min Scan# 1434  
Delta R.T. 0.00 min  
Lab File: VW004153.D  
Acq: 23 Jul 2018 23:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.5  | 51.2  | 76.8  |





#51

4-Methyl-2-Pentanone

Concen: 300.18 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW004153.D

Acq: 23 Jul 2018 23:25

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 590759

Ion Ratio Lower Upper

43 100

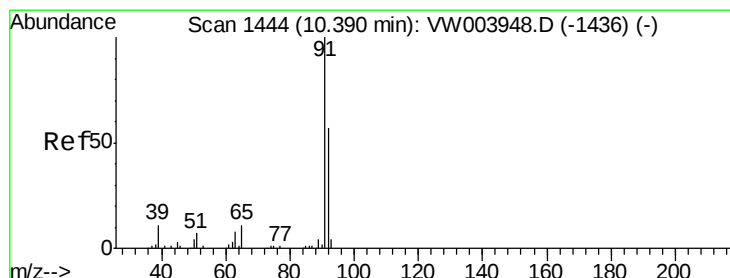
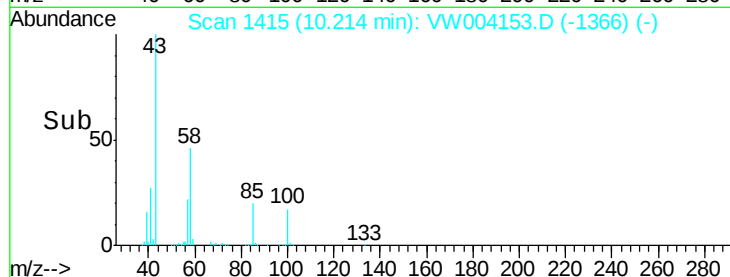
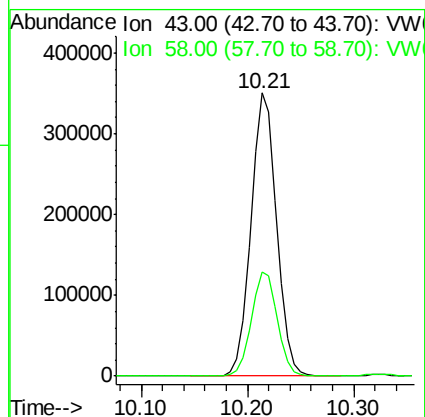
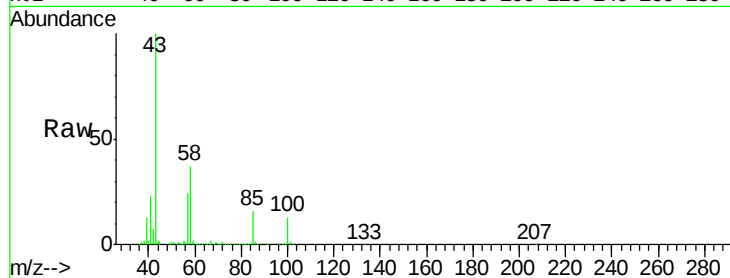
58 37.2 29.9 44.9

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#52

Toluene

Concen: 54.96 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW004153.D

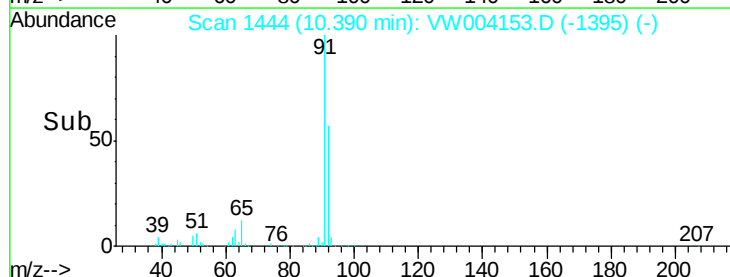
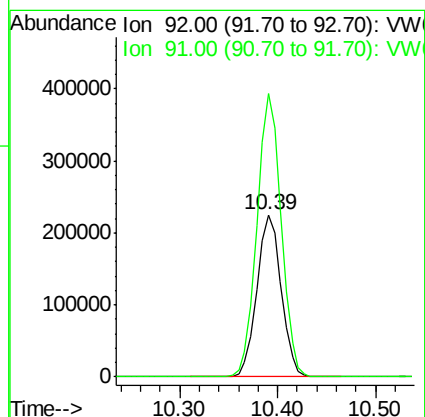
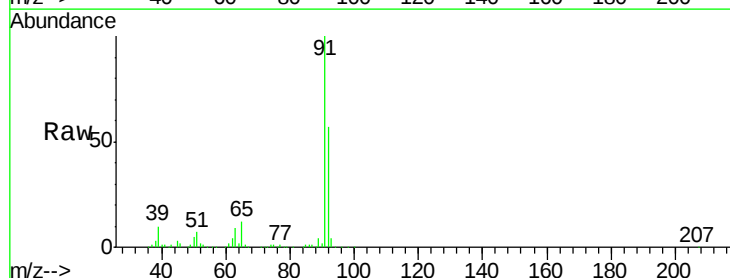
Acq: 23 Jul 2018 23:25

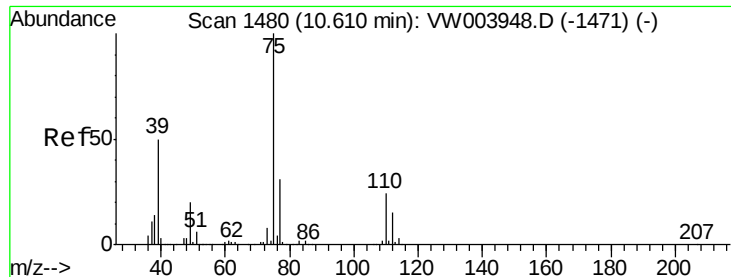
Tgt Ion: 92 Resp: 386053

Ion Ratio Lower Upper

92 100

91 174.3 139.6 209.4





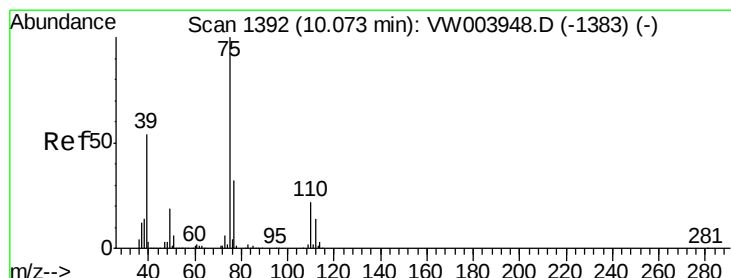
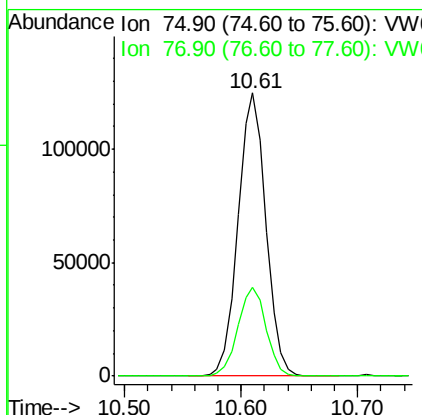
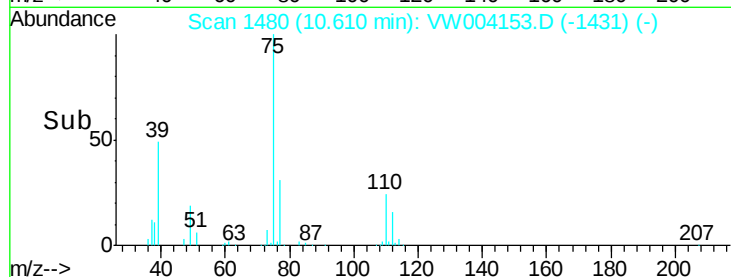
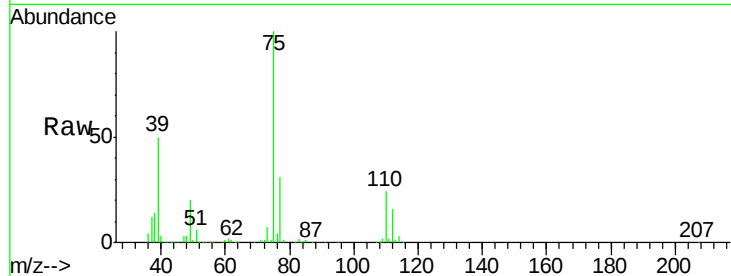
#53  
t-1,3-Dichloropropene  
Concen: 53.41 ug/l  
RT: 10.61 min Scan# 1480  
Delta R.T. 0.00 min  
Lab File: VW004153.D  
Acq: 23 Jul 2018 23:25

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDCCC050

Tot Ion: 75 Resp: 207171  
Ion Ratio Lower Upper  
75 100  
77 31.1 25.2 37.8

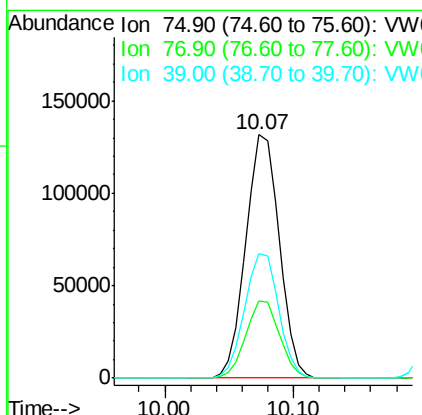
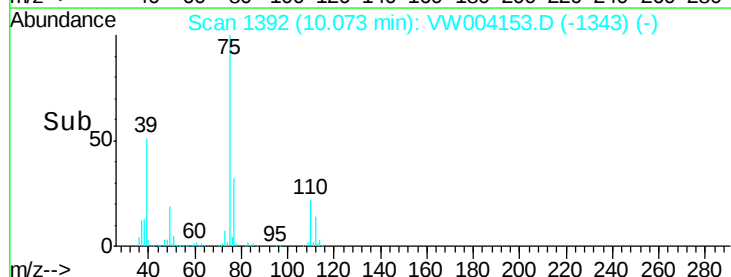
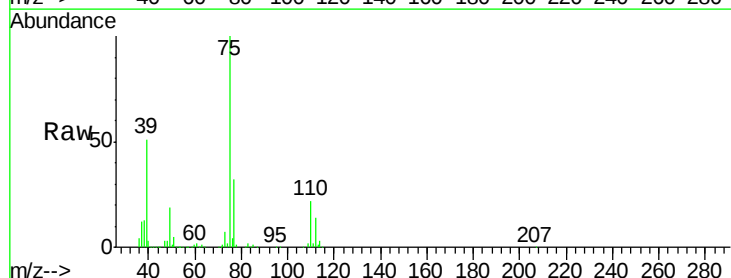
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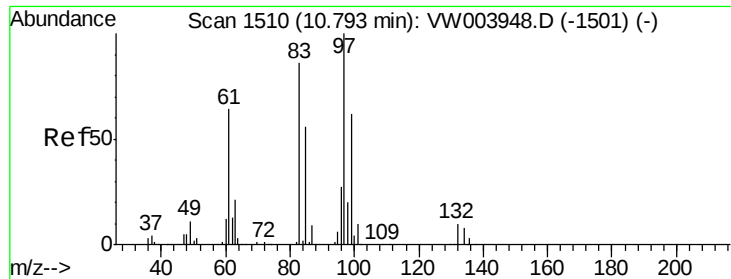
apatel  
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#54  
cis-1,3-Dichloropropene  
Concen: 53.34 ug/l  
RT: 10.07 min Scan# 1392  
Delta R.T. 0.00 min  
Lab File: VW004153.D  
Acq: 23 Jul 2018 23:25

Tgt Ion: 75 Resp: 236665  
Ion Ratio Lower Upper  
75 100  
77 31.7 25.4 38.2  
39 51.1 43.0 64.6





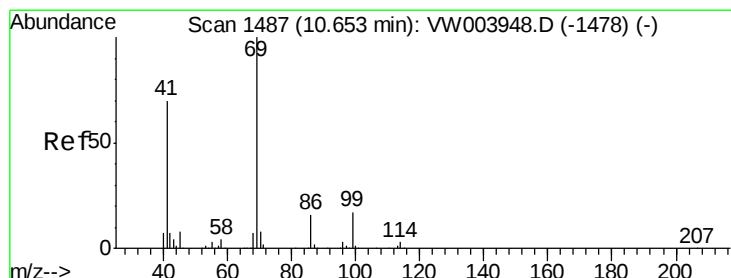
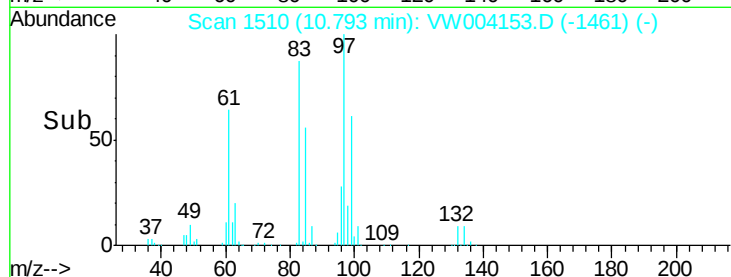
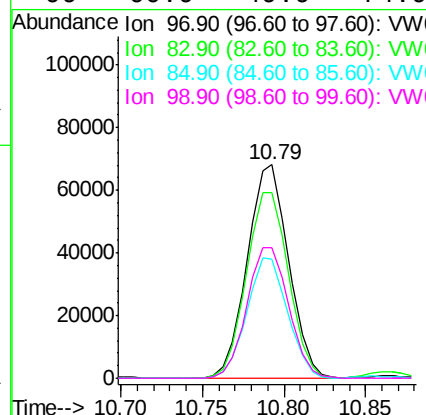
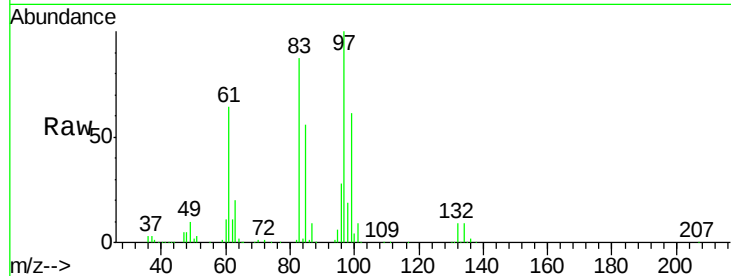
#55  
 1,1,2-Trichloroethane  
 Concen: 56.87 ug/l  
 RT: 10.79 min Scan# 1510  
 Delta R.T. 0.00 min  
 Lab File: VW004153.D  
 Acq: 23 Jul 2018 23:25

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 97      | 100   | 120342 |       |       |
| 83      | 86.7  | 69.0   | 103.4 |       |
| 85      | 55.8  | 45.0   | 67.6  |       |
| 99      | 60.9  | 49.9   | 74.9  |       |

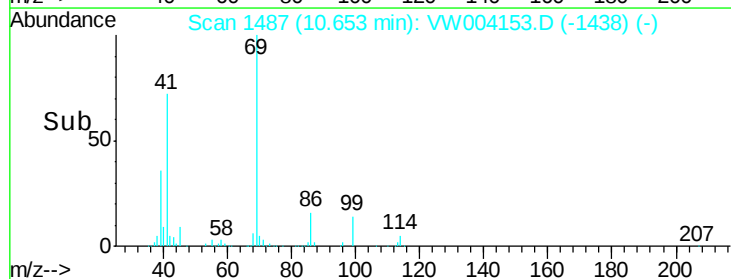
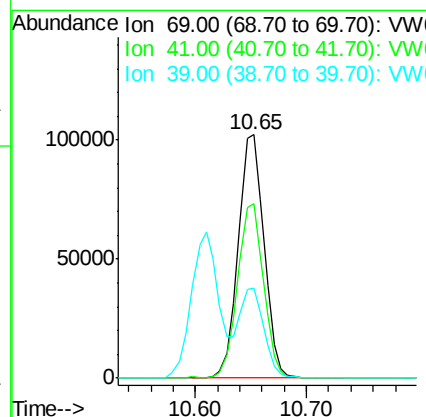
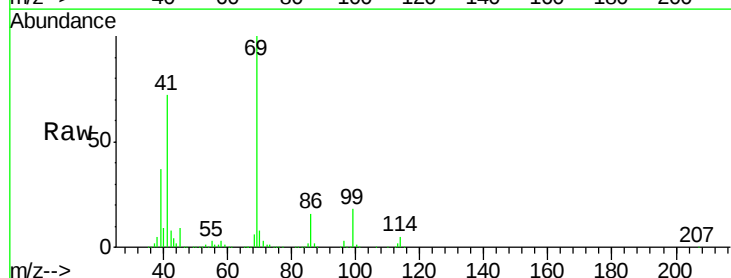
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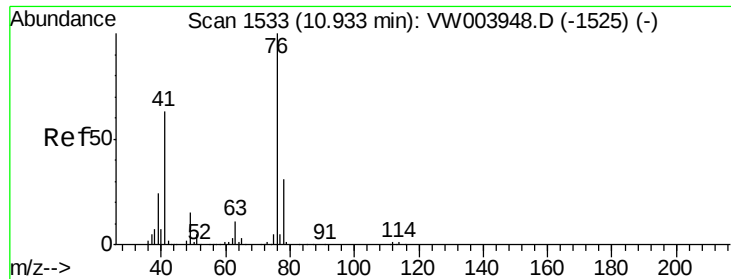
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 7/24/2018 11:50:02 AM



#56  
 Ethyl methacrylate  
 Concen: 54.13 ug/l  
 RT: 10.65 min Scan# 1487  
 Delta R.T. 0.00 min  
 Lab File: VW004153.D  
 Acq: 23 Jul 2018 23:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 69      | 100   | 164615 |       |       |
| 41      | 71.6  | 56.5   | 84.7  |       |
| 39      | 33.4  | 30.2   | 45.4  |       |





#57

1,3-Dichloropropane

Concen: 57.02 ug/l

RT: 10.93 min Scan# 1533

Delta R.T. 0.00 min

Lab File: VW004153.D

Acq: 23 Jul 2018 23:25

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 209614

Ion Ratio Lower Upper

76 100

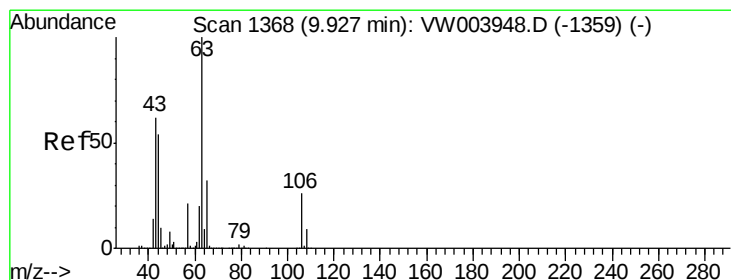
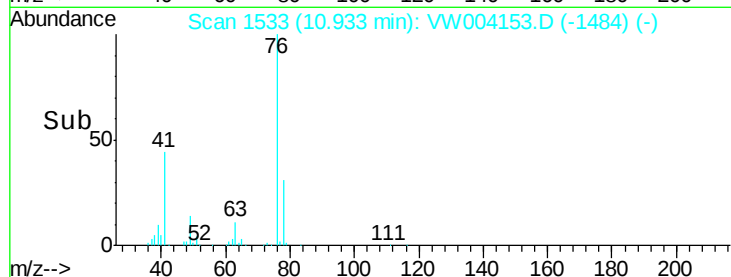
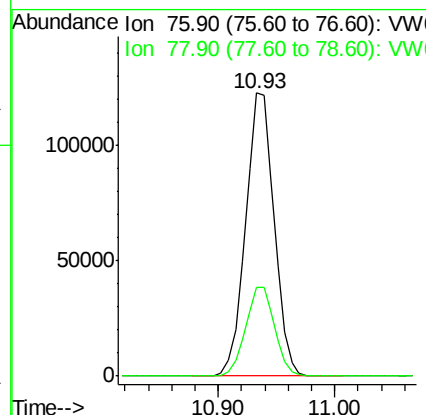
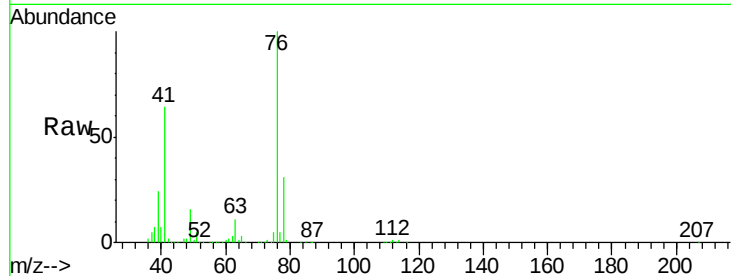
78 32.1 25.2 37.8

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#58

2-Chloroethyl Vinyl ether

Concen: 288.76 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VW004153.D

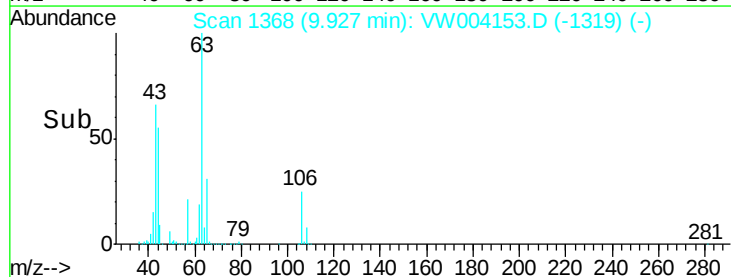
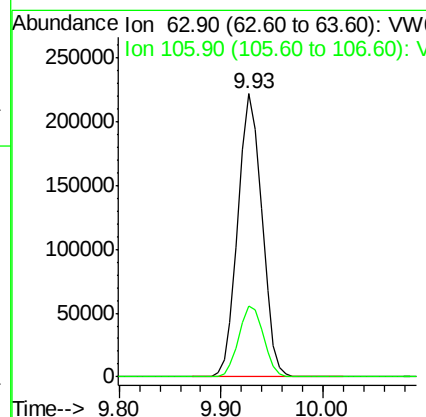
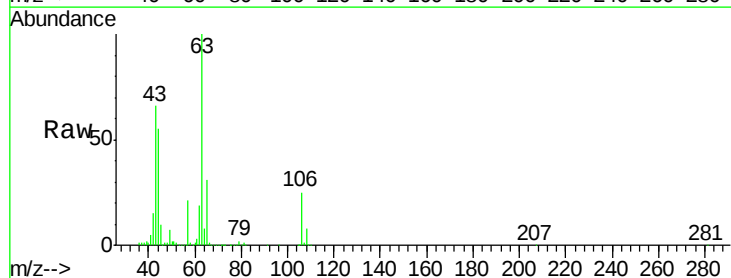
Acq: 23 Jul 2018 23:25

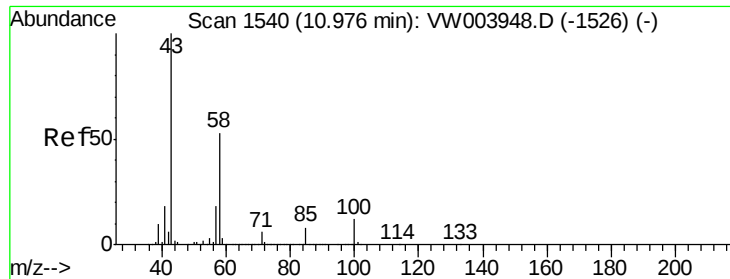
Tgt Ion: 63 Resp: 362488

Ion Ratio Lower Upper

63 100

106 25.7 21.2 31.8





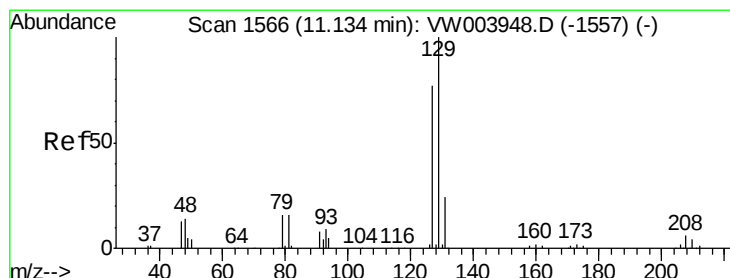
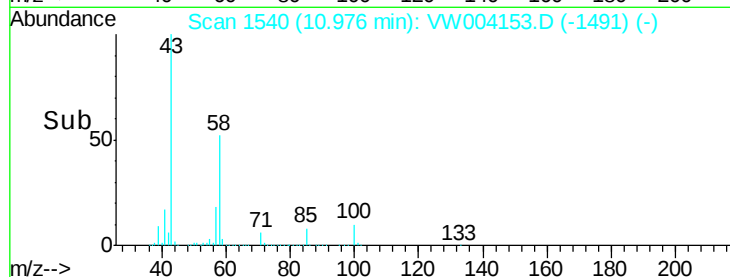
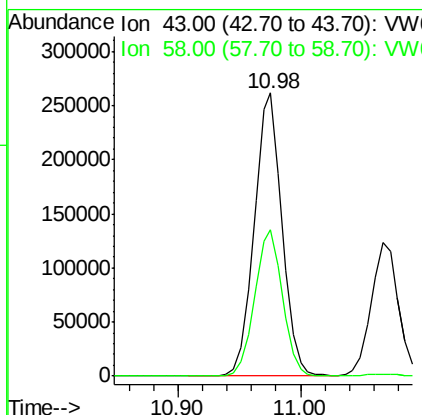
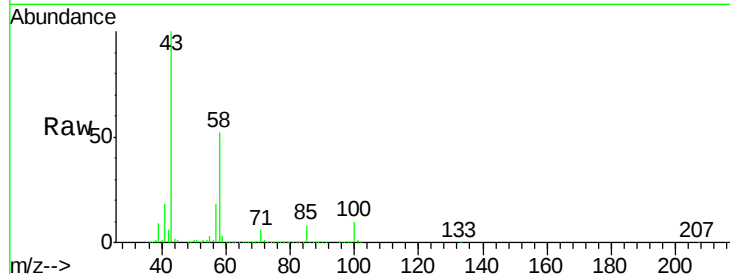
#59  
2-Hexanone  
Concen: 297.92 ug/l  
RT: 10.98 min Scan# 1540  
Delta R.T. 0.00 min  
Lab File: VW004153.D  
Acq: 23 Jul 2018 23:25

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion   | 43   | Resp  | 413241 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 43        | 100  |       |        |
| 58        | 52.0 | 26.0  | 78.0   |

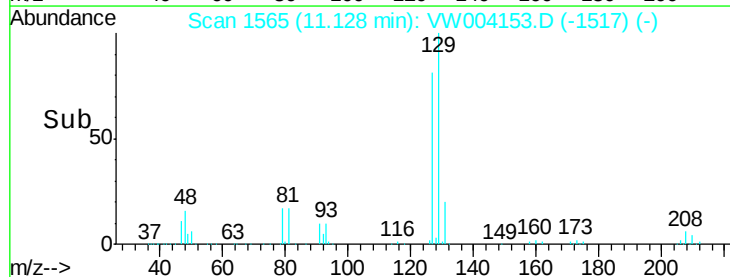
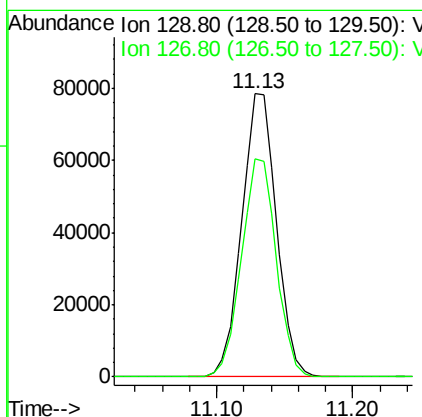
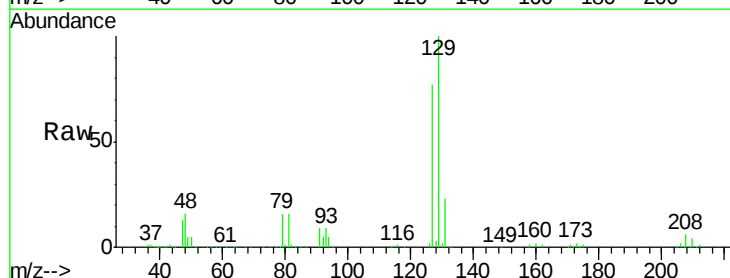
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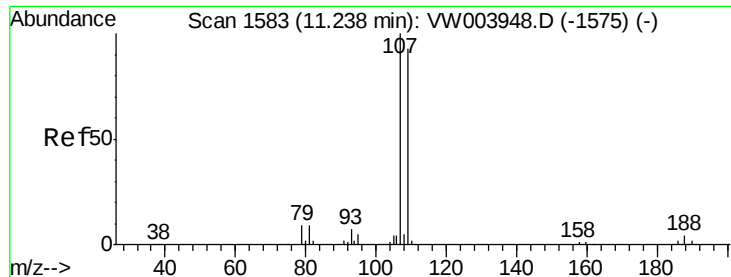
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#60  
Dibromochloromethane  
Concen: 56.89 ug/l  
RT: 11.13 min Scan# 1565  
Delta R.T. -0.01 min  
Lab File: VW004153.D  
Acq: 23 Jul 2018 23:25

| Tgt Ion   | 129  | Resp  | 140201 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 129       | 100  |       |        |
| 127       | 77.1 | 39.1  | 117.3  |





#61

1,2-Dibromoethane

Concen: 57.73 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW004153.D

Acq: 23 Jul 2018 23:25

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 116229

Ion Ratio Lower Upper

107 100

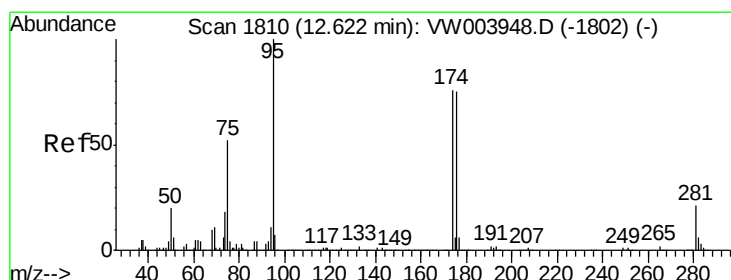
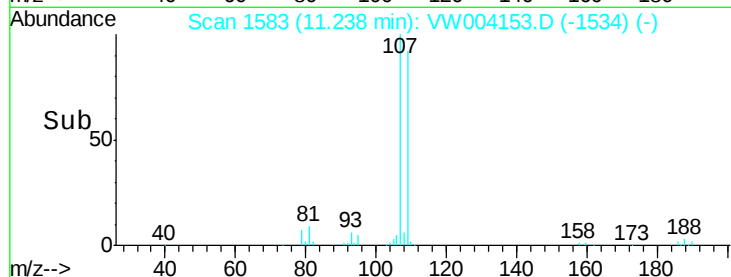
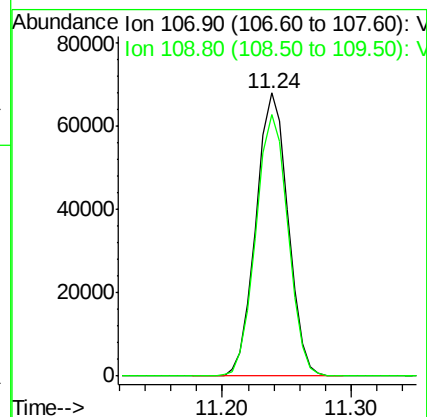
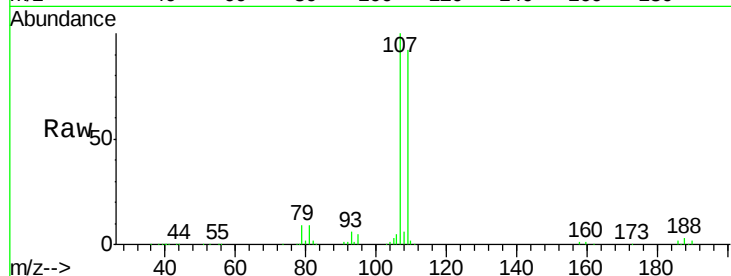
109 92.9 74.3 111.5

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#62

4-Bromofluorobenzene

Concen: 57.72 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004153.D

Acq: 23 Jul 2018 23:25

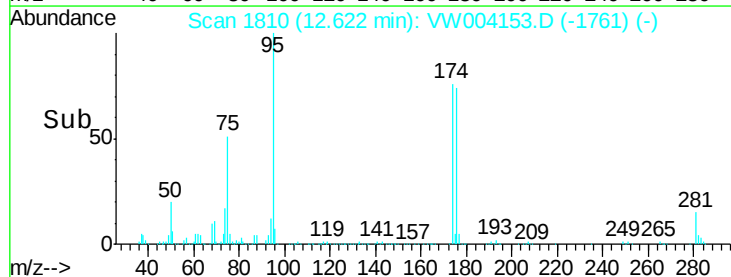
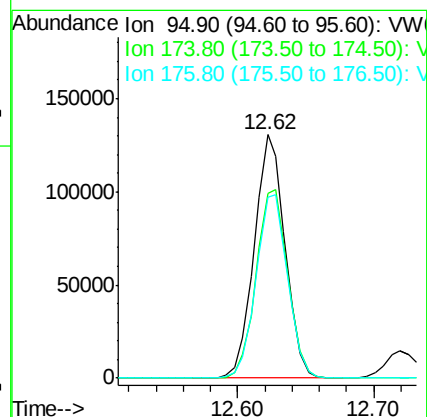
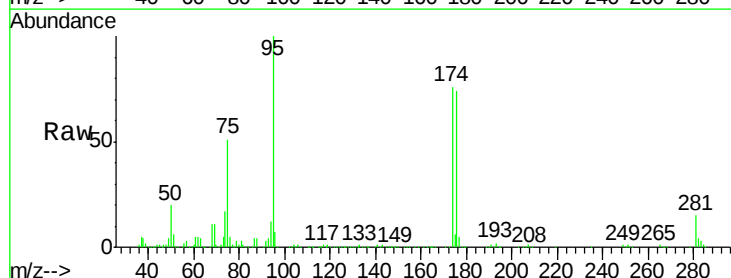
Tgt Ion: 95 Resp: 206228

Ion Ratio Lower Upper

95 100

174 79.9 0.0 160.2

176 77.5 0.0 155.8





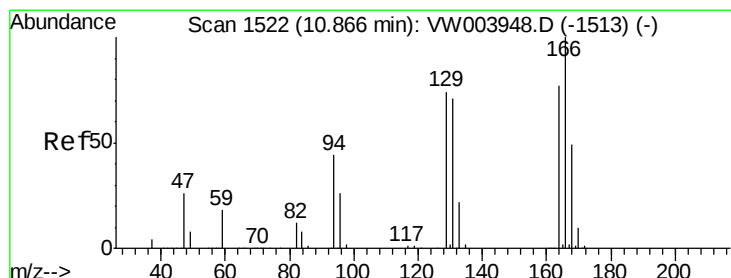
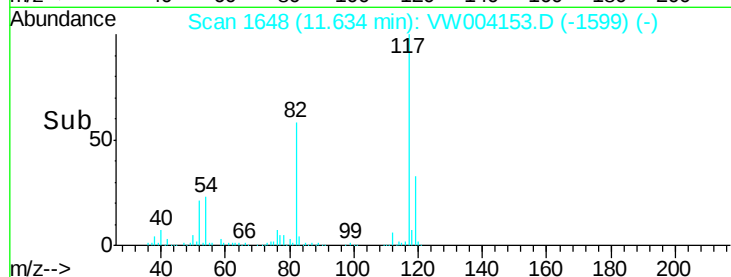
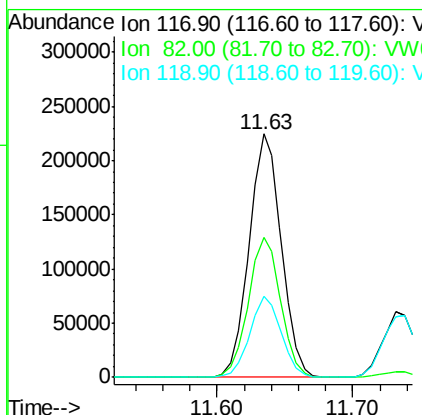
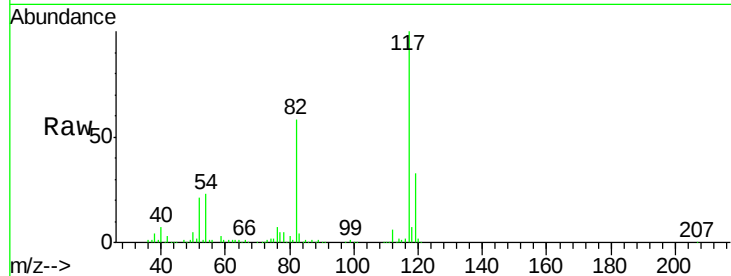
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.63 min Scan# 1648  
Delta R.T. 0.00 min  
Lab File: VW004153.D  
Acq: 23 Jul 2018 23:25

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 57.6  | 46.5  | 69.7  |
| 119     | 33.3  | 26.2  | 39.2  |

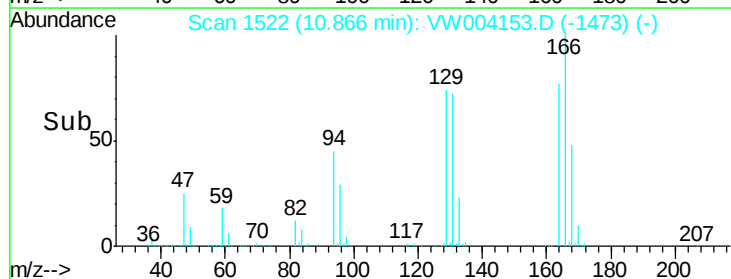
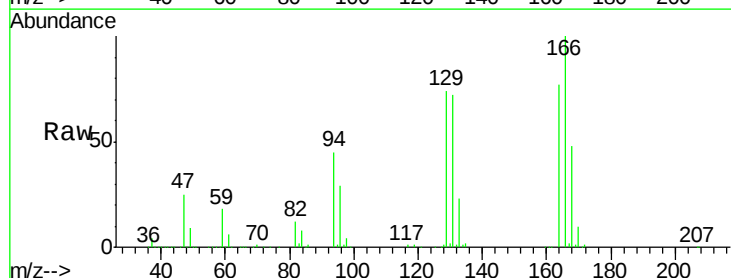
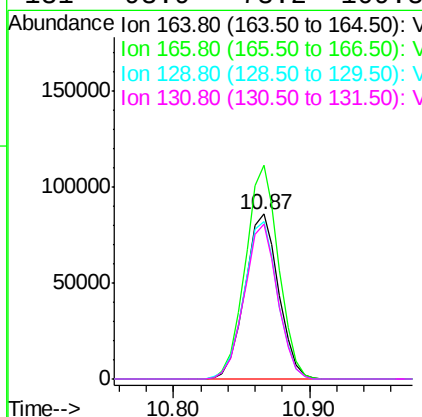
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#64  
Tetrachloroethene  
Concen: 58.17 ug/l  
RT: 10.87 min Scan# 1522  
Delta R.T. 0.00 min  
Lab File: VW004153.D  
Acq: 23 Jul 2018 23:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 129.6 | 103.5 | 155.3 |
| 129     | 95.8  | 76.8  | 115.2 |
| 131     | 93.9  | 73.2  | 109.8 |





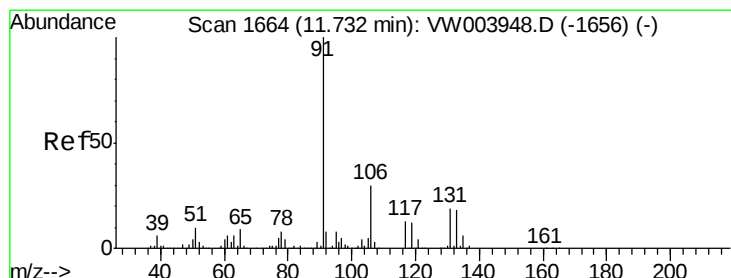
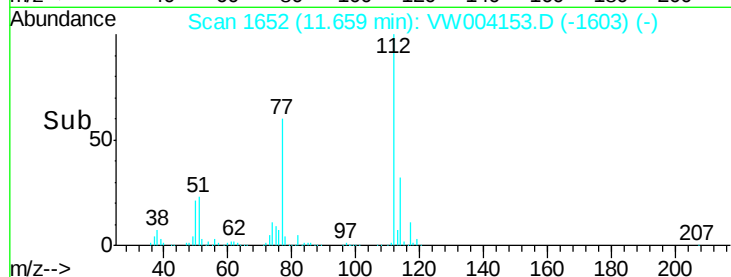
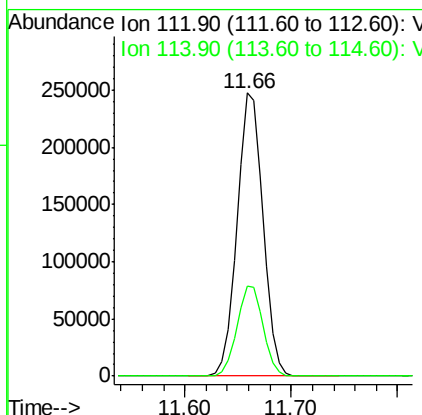
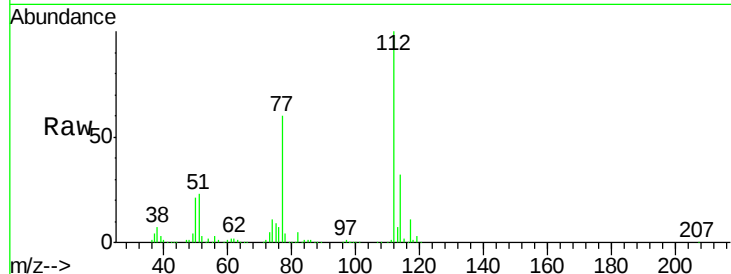
#65  
Chlorobenzene  
Concen: 53.41 ug/l  
RT: 11.66 min Scan# 1652  
Delta R.T. 0.00 min  
Lab File: VW004153.D  
Acq: 23 Jul 2018 23:25

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

Tot Ion:112 Resp: 422581  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.2 37.8

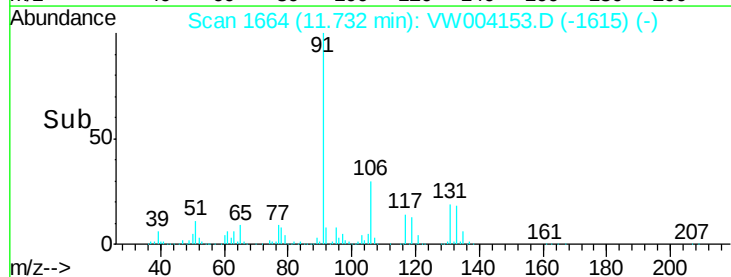
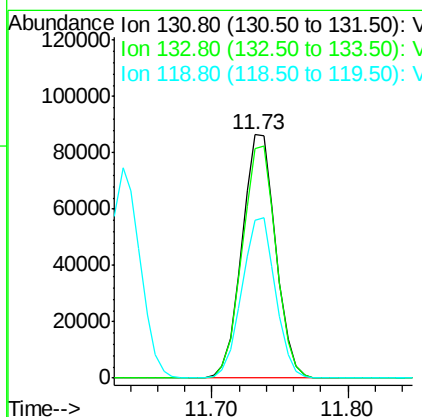
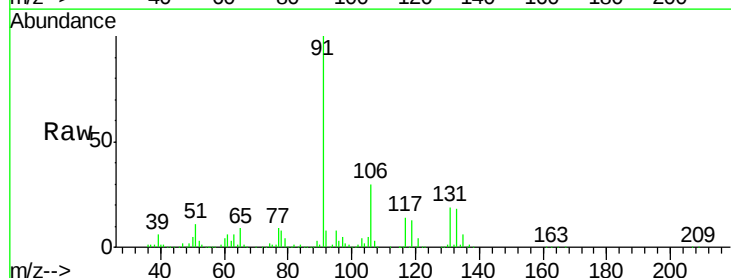
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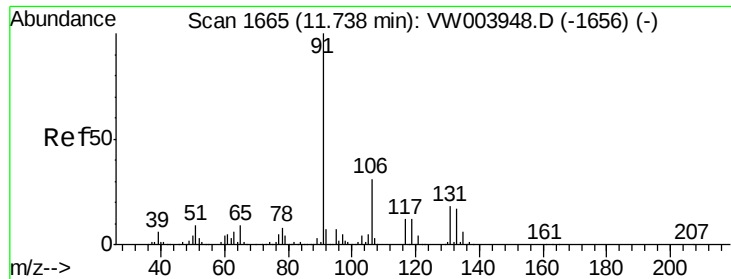
apatel  
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 54.41 ug/l  
RT: 11.73 min Scan# 1664  
Delta R.T. 0.00 min  
Lab File: VW004153.D  
Acq: 23 Jul 2018 23:25

Tgt Ion:131 Resp: 149614  
Ion Ratio Lower Upper  
131 100  
133 95.8 47.9 143.8  
119 65.7 32.5 97.5





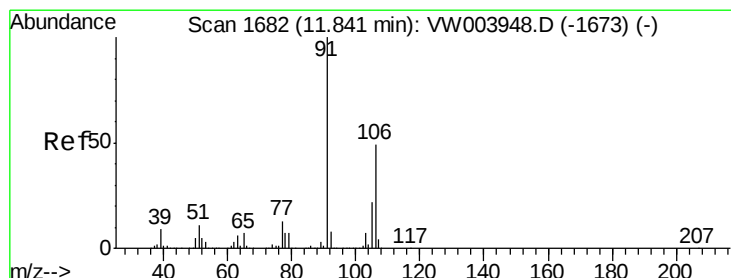
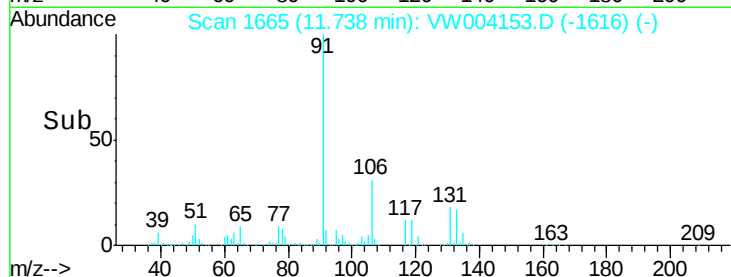
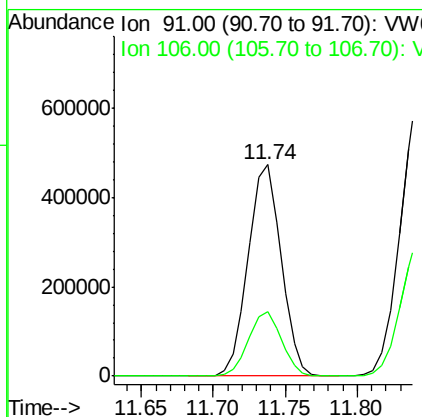
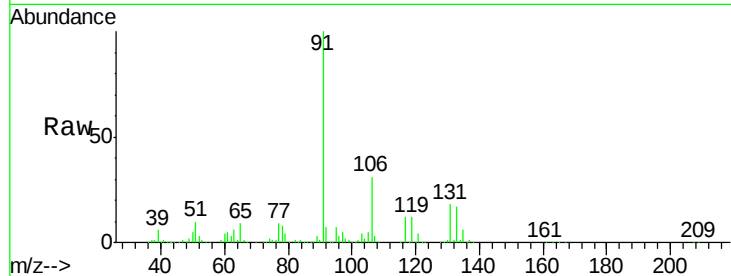
#67  
Ethyl Benzene  
Concen: 54.09 ug/l  
RT: 11.74 min Scan# 1665  
Delta R.T. 0.00 min  
Lab File: VW004153.D  
Acq: 23 Jul 2018 23:25

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDCCC050

Tot Ion: 91 Resp: 751817  
Ion Ratio Lower Upper  
91 100  
106 30.7 25.0 37.4

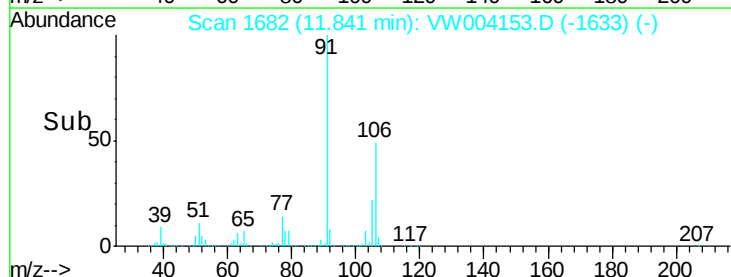
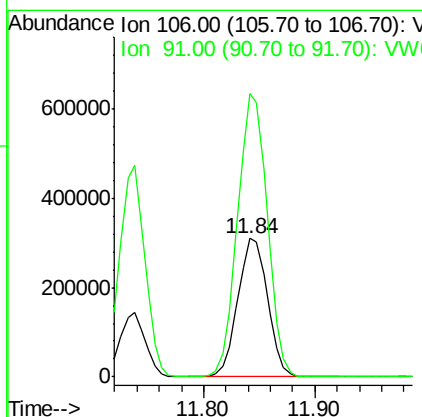
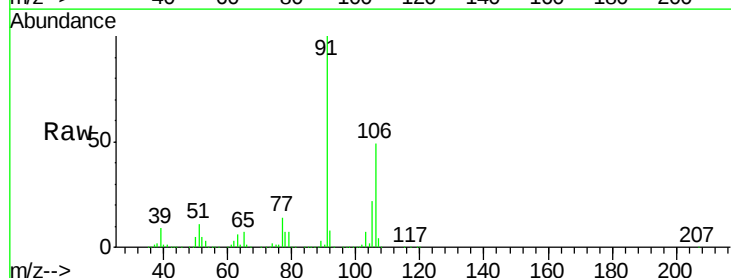
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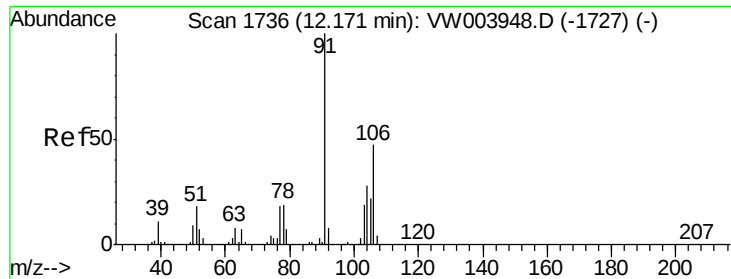
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#68  
m/p-Xylenes  
Concen: 108.13 ug/l  
RT: 11.84 min Scan# 1682  
Delta R.T. 0.00 min  
Lab File: VW004153.D  
Acq: 23 Jul 2018 23:25

Tgt Ion: 106 Resp: 574438  
Ion Ratio Lower Upper  
106 100  
91 204.5 164.2 246.2





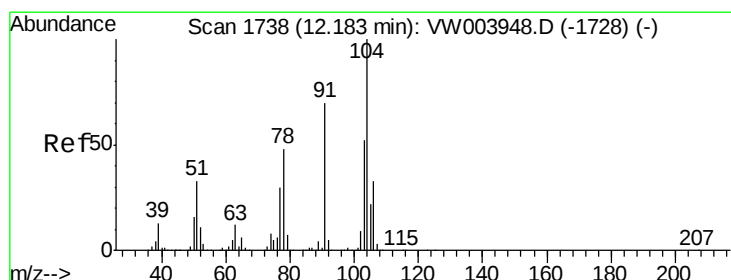
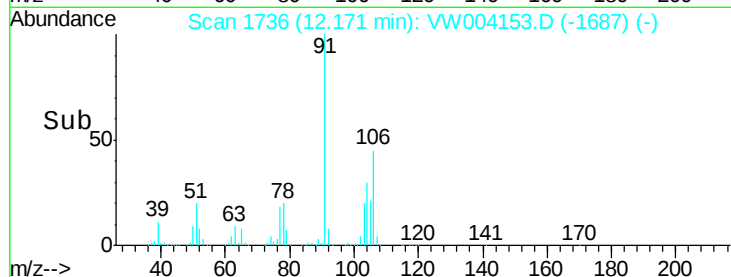
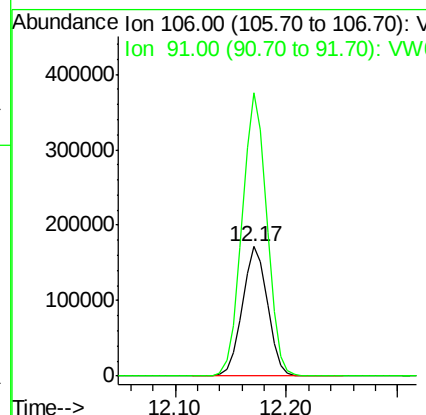
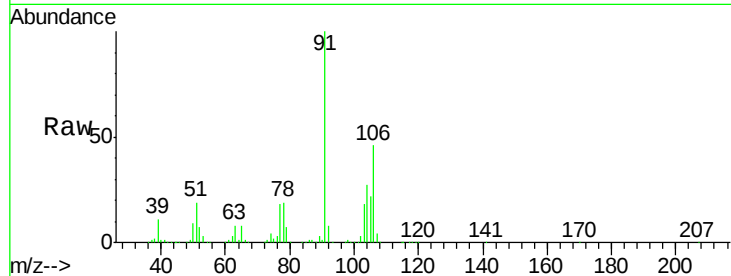
#69  
o-Xylene  
Concen: 54.31 ug/l  
RT: 12.17 min Scan# 1736  
Delta R.T. 0.00 min  
Lab File: VW004153.D  
Acq: 23 Jul 2018 23:25

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDCCC050

Tot Ion:106 Resp: 267643  
Ion Ratio Lower Upper  
106 100  
91 216.0 107.5 322.6

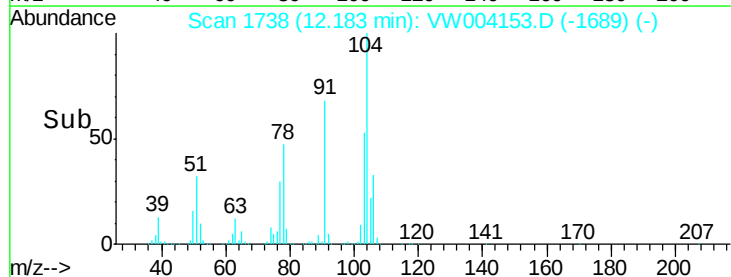
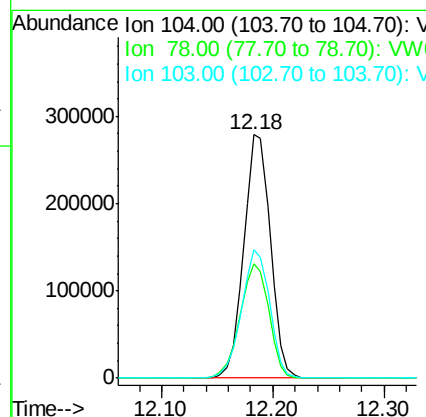
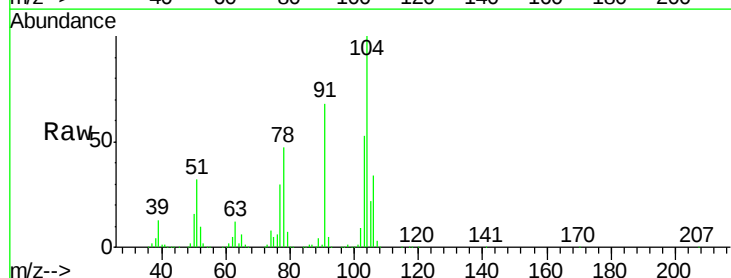
Manual Integrations  
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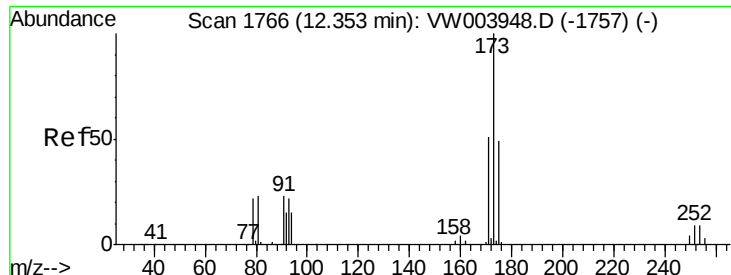
apatel  
7/24/2018 11:50:02 AM



#70  
Styrene  
Concen: 56.29 ug/l  
RT: 12.18 min Scan# 1738  
Delta R.T. 0.00 min  
Lab File: VW004153.D  
Acq: 23 Jul 2018 23:25

Tgt Ion:104 Resp: 463344  
Ion Ratio Lower Upper  
104 100  
78 50.6 41.0 61.4  
103 55.6 44.6 67.0





#71

Bromoform

Concen: 55.59 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW004153.D

Acq: 23 Jul 2018 23:25

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 86306

Ion Ratio Lower Upper

173 100

175 48.3 24.4 73.2

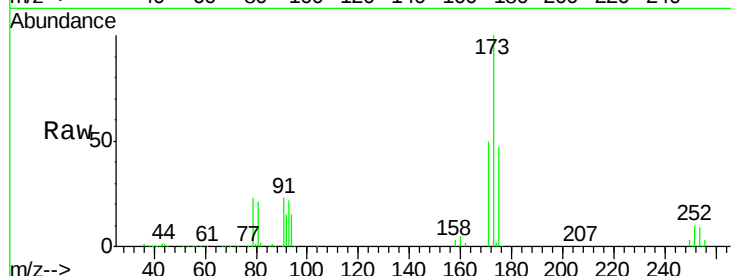
254 0.1 0.1 0.1#

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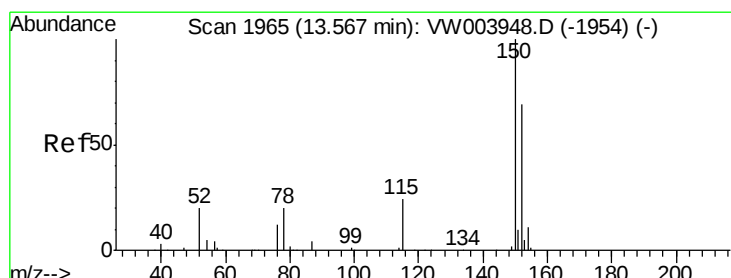
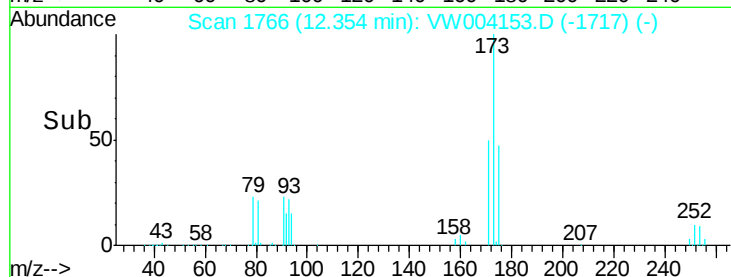
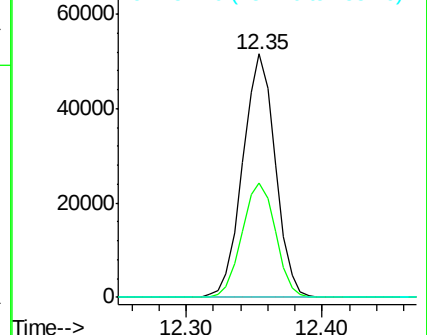
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004153.D

Acq: 23 Jul 2018 23:25

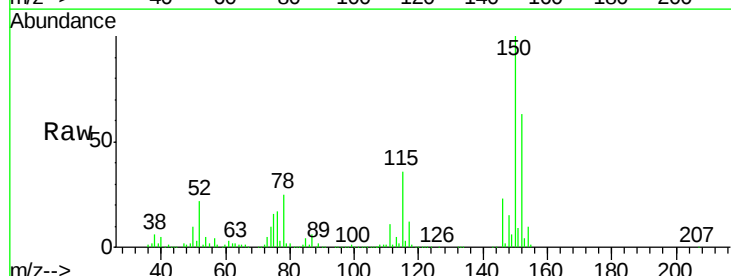
Tgt Ion:152 Resp: 195364

Ion Ratio Lower Upper

152 100

115 58.1 29.2 87.6

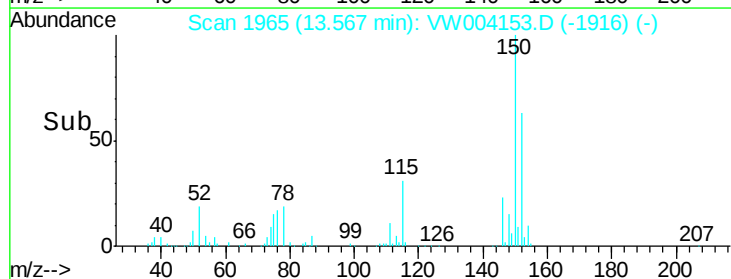
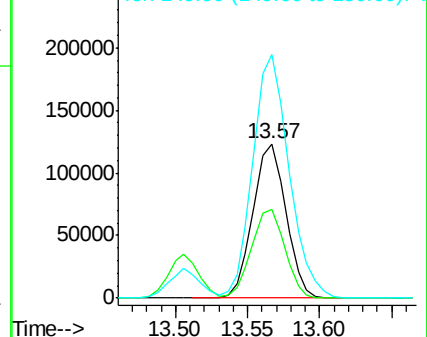
150 173.4 0.0 345.2

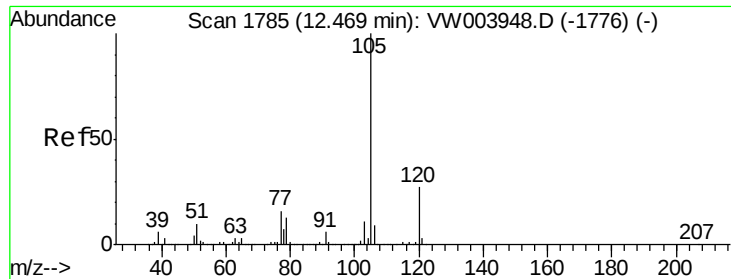


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.87 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004153.D

Acq: 23 Jul 2018 23:25

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 729834

Ion Ratio Lower Upper

105 100

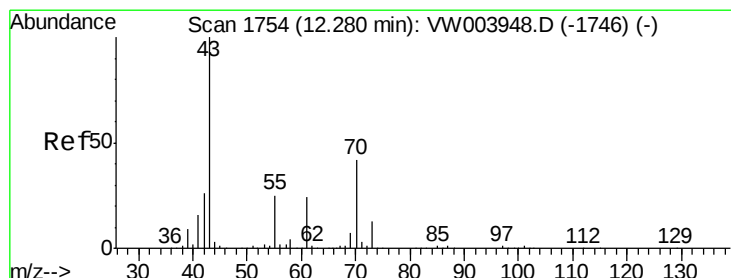
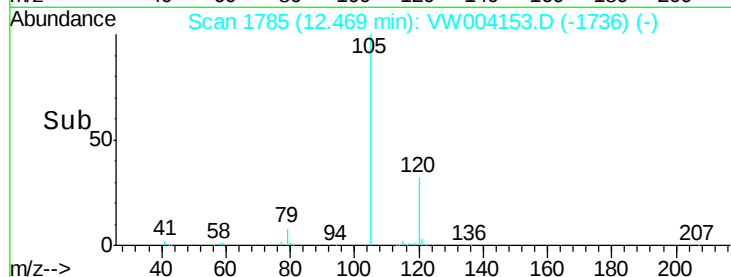
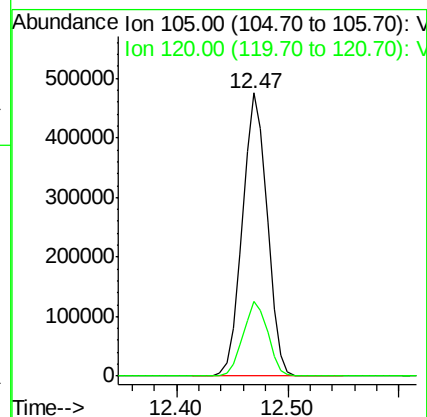
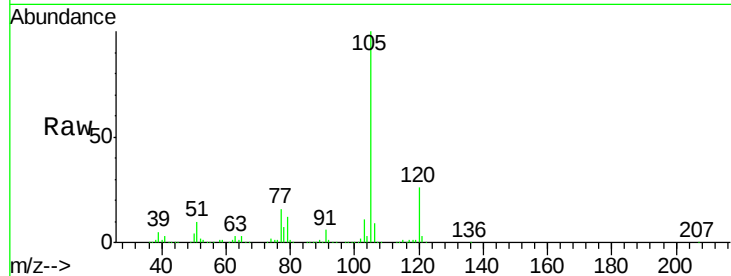
120 26.3 13.2 39.6

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#74

N-ethyl acetate

Concen: 56.58 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004153.D

Acq: 23 Jul 2018 23:25

Tgt Ion: 43 Resp: 203536

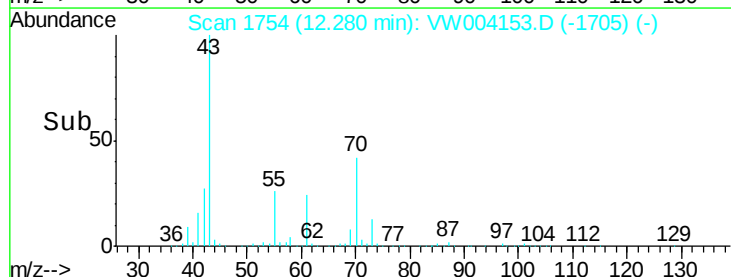
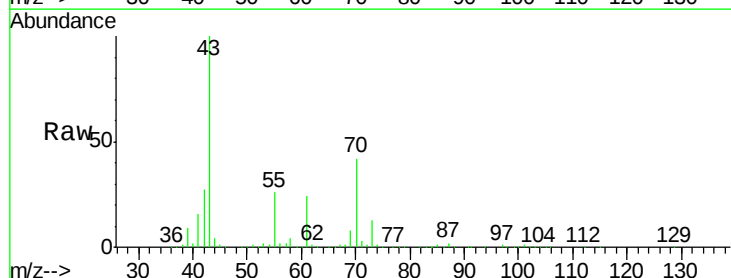
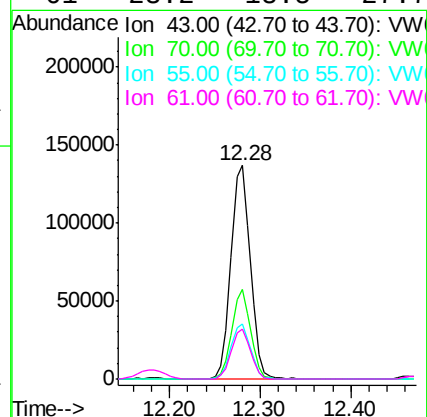
Ion Ratio Lower Upper

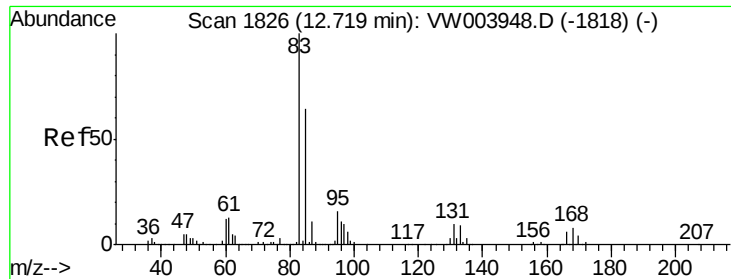
43 100

70 40.4 31.6 47.4

55 26.0 20.0 30.0

61 23.2 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 55.61 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004153.D

Acq: 23 Jul 2018 23:25

Instrument :

MSVOA\_W

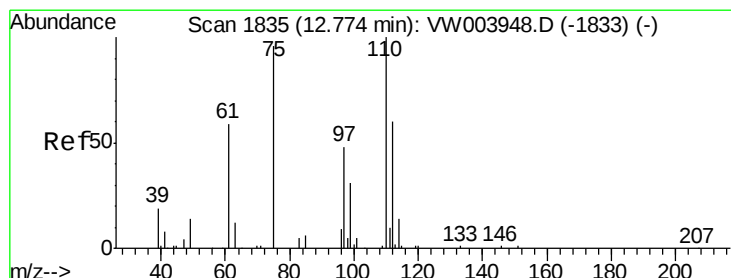
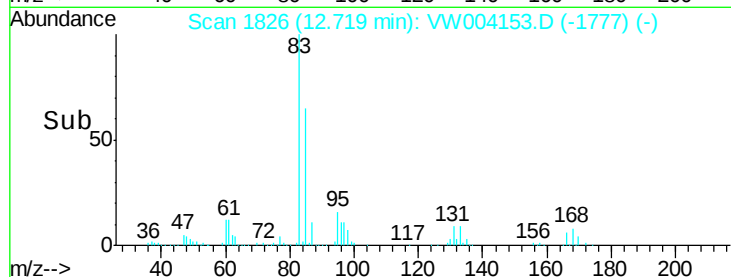
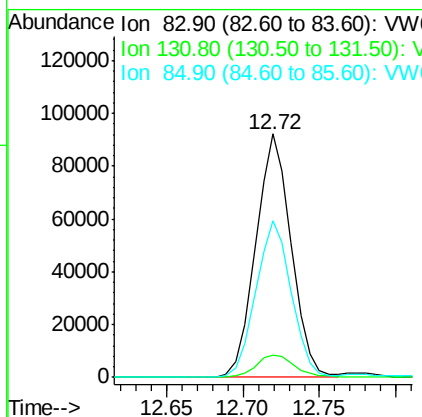
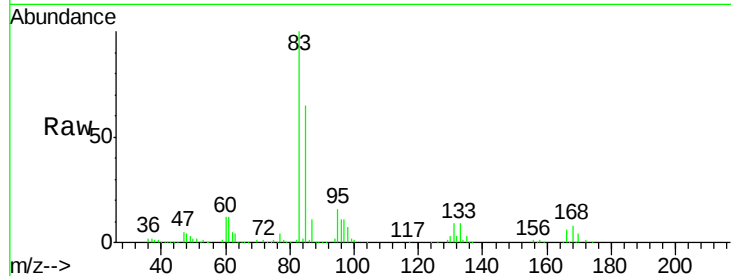
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 148466 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 10.0  | 5.3   | 15.8   |
| 85        | 64.5  | 32.2  | 96.6   |

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#76

1,2,3-Trichloropropane

Concen: 53.06 ug/l m

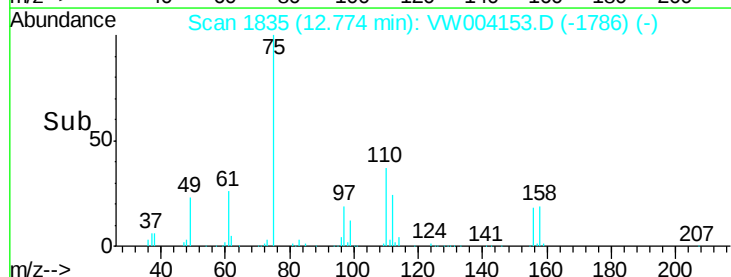
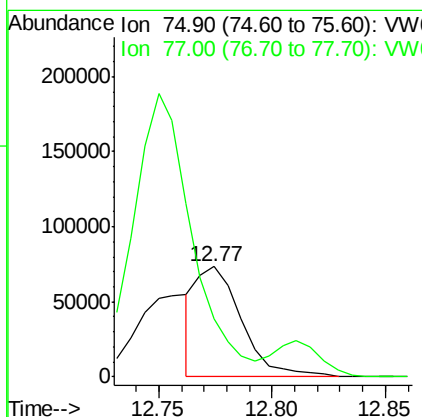
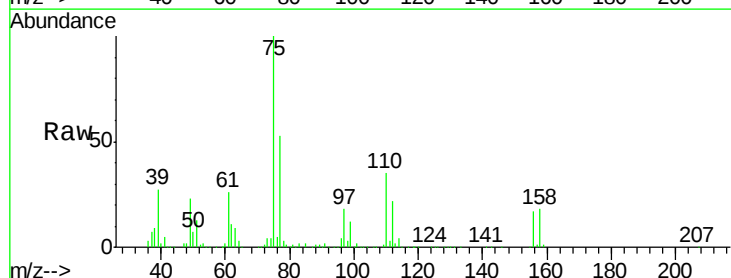
RT: 12.77 min Scan# 1835

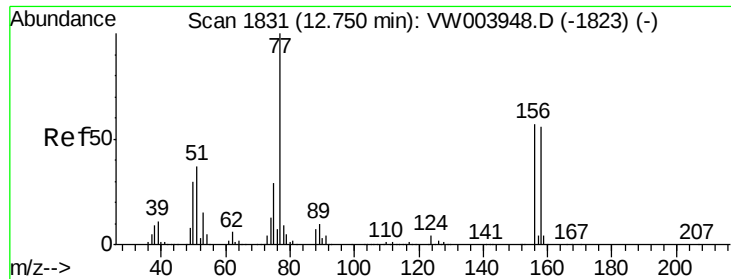
Delta R.T. 0.00 min

Lab File: VW004153.D

Acq: 23 Jul 2018 23:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 102909 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 0.0   | 0.0   | 0.0    |





#77

Bromobenzene

Concen: 52.92 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VW004153.D

Acq: 23 Jul 2018 23:25

Instrument :

MSVOA\_W

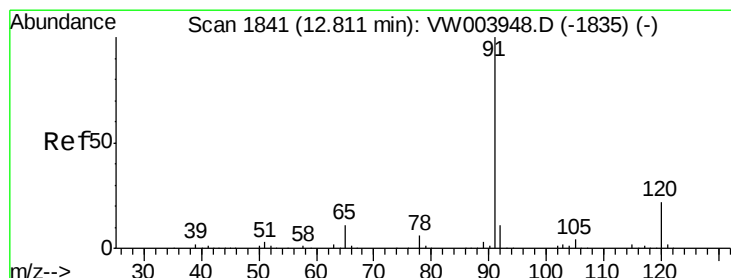
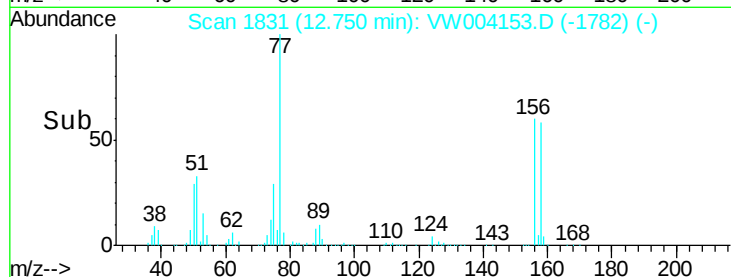
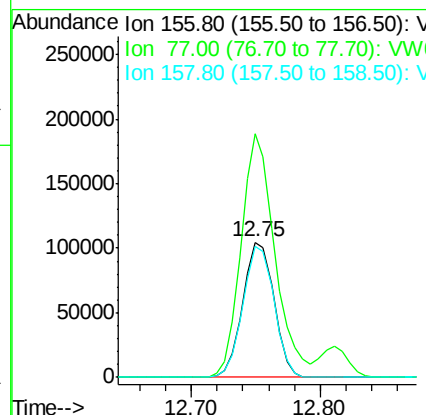
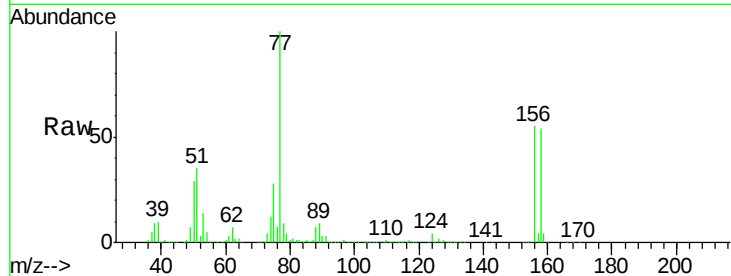
ClientSampleId :

VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 195.4 | 96.2  | 288.6 |
| 158     | 97.3  | 48.5  | 145.5 |

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#78

n-propylbenzene

Concen: 53.56 ug/l

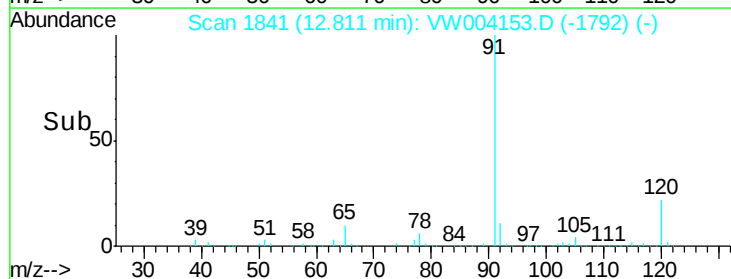
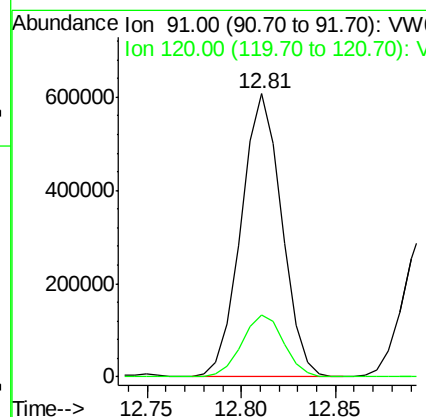
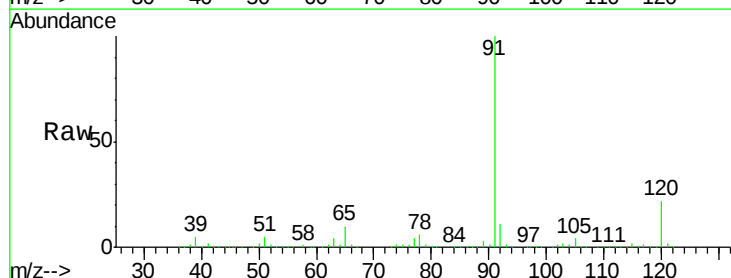
RT: 12.81 min Scan# 1841

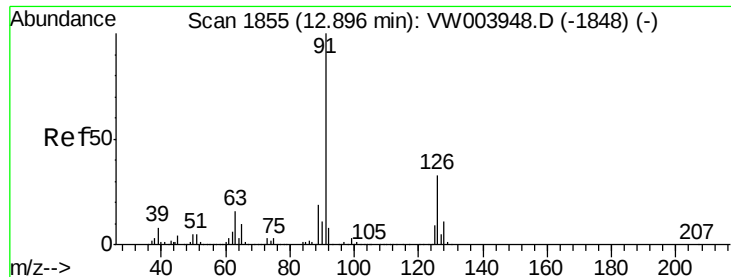
Delta R.T. 0.00 min

Lab File: VW004153.D

Acq: 23 Jul 2018 23:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 22.5  | 11.2  | 33.6  |





#79

2-Chlorotoluene

Concen: 53.39 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW004153.D

Acq: 23 Jul 2018 23:25

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 509962

Ion Ratio Lower Upper

91 100

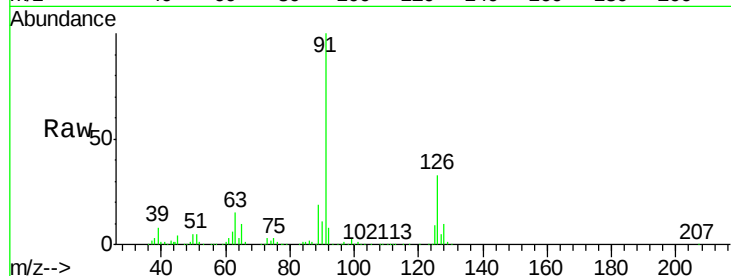
126 33.7 17.0 51.0

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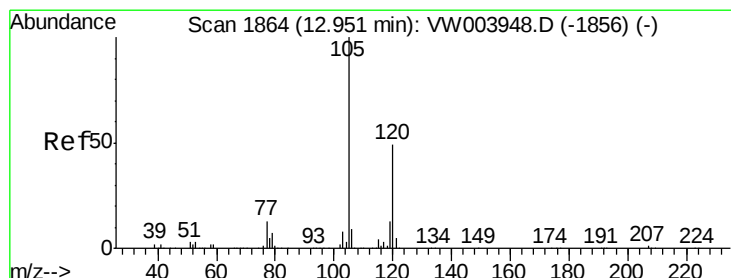
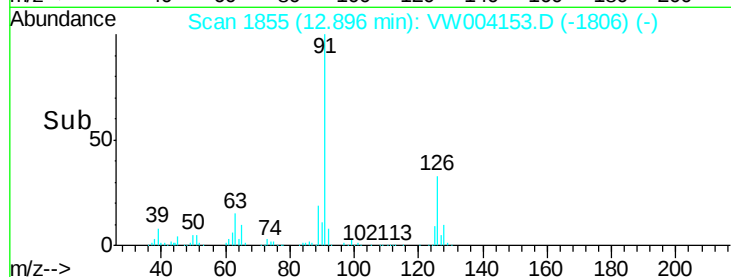
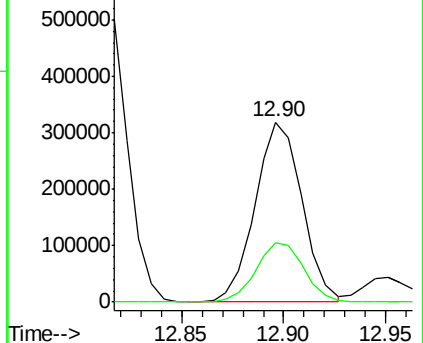
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 53.83 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW004153.D

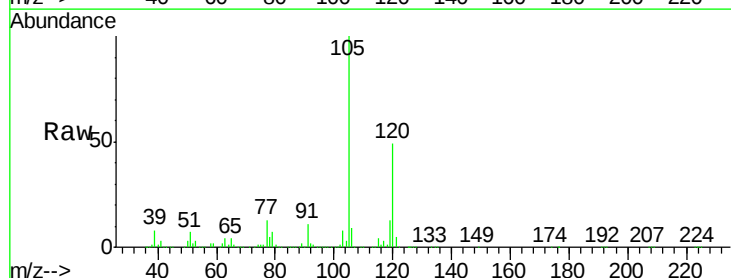
Acq: 23 Jul 2018 23:25

Tgt Ion: 105 Resp: 625312

Ion Ratio Lower Upper

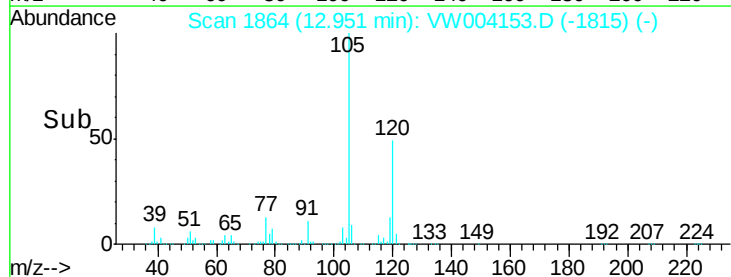
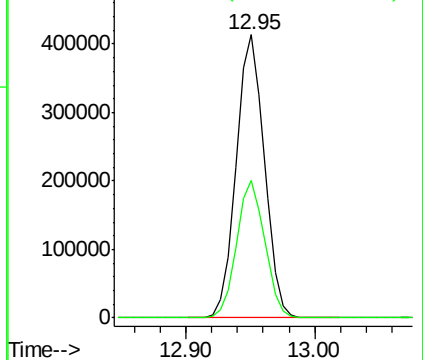
105 100

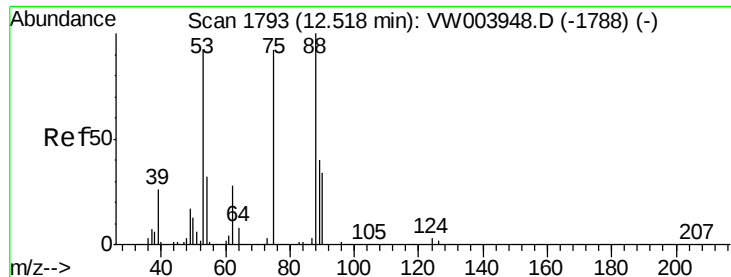
120 48.5 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





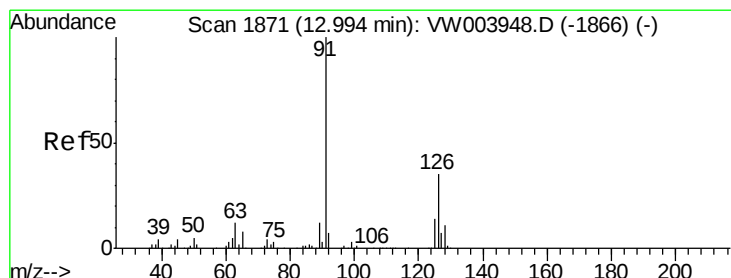
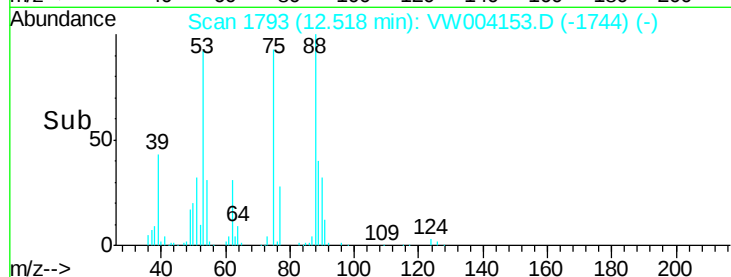
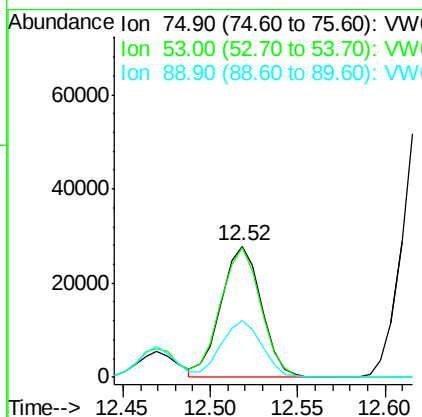
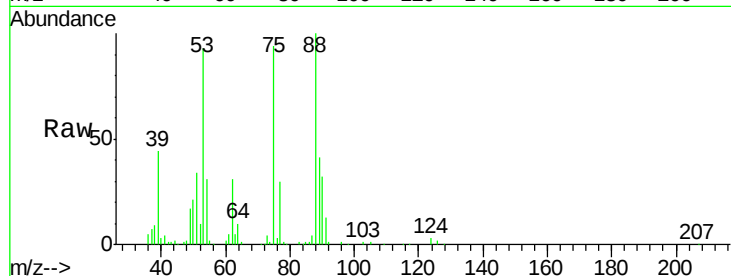
#81  
trans-1,4-Dichloro-2-butene  
Concen: 50.59 ug/l  
RT: 12.52 min Scan# 1793  
Delta R.T. 0.00 min  
Lab File: VW004153.D  
Acq: 23 Jul 2018 23:25

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 99.8  | 77.6  | 116.4 |
| 89      | 44.7  | 36.6  | 54.8  |

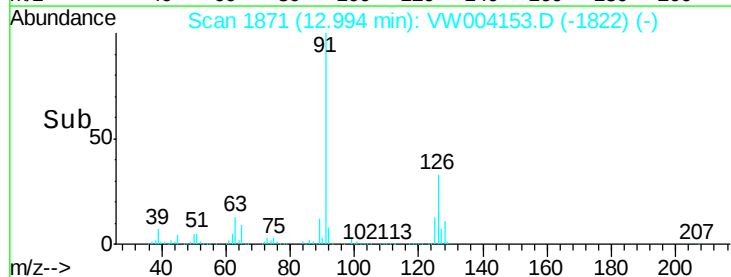
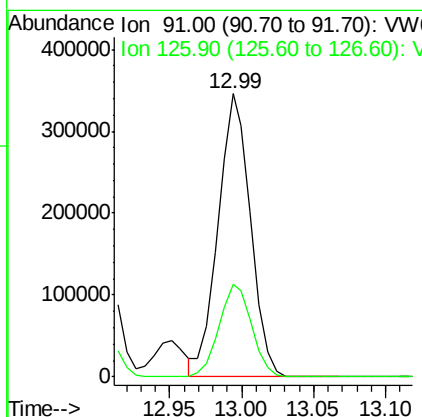
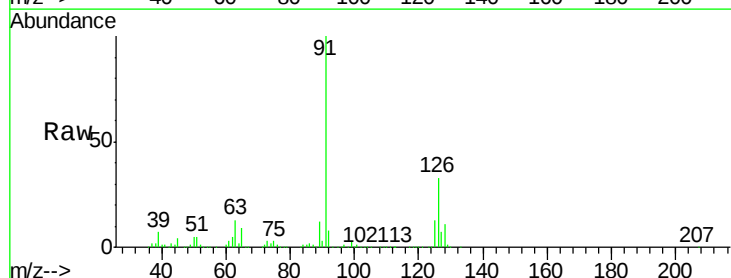
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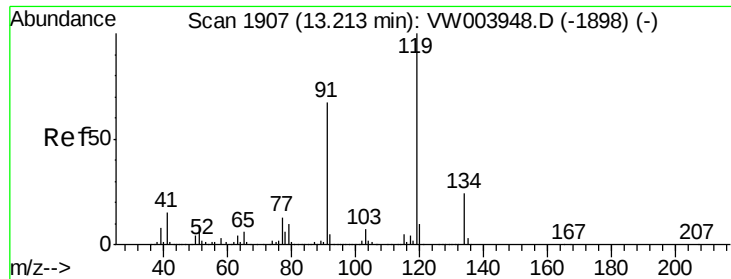
apatel  
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#82  
4-Chlorotoluene  
Concen: 52.99 ug/l  
RT: 12.99 min Scan# 1871  
Delta R.T. 0.00 min  
Lab File: VW004153.D  
Acq: 23 Jul 2018 23:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 33.0  | 16.7  | 50.0  |





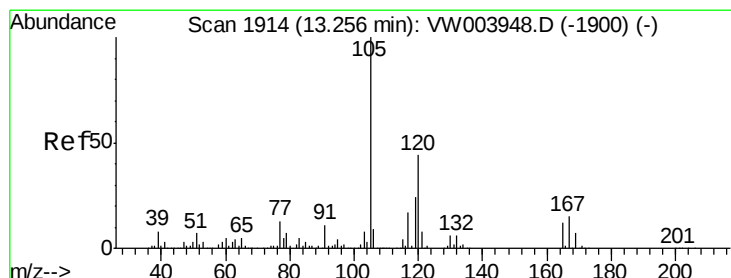
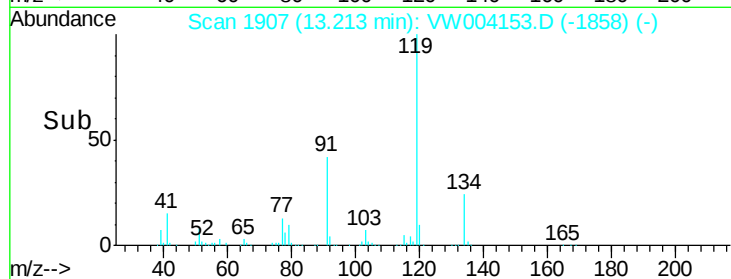
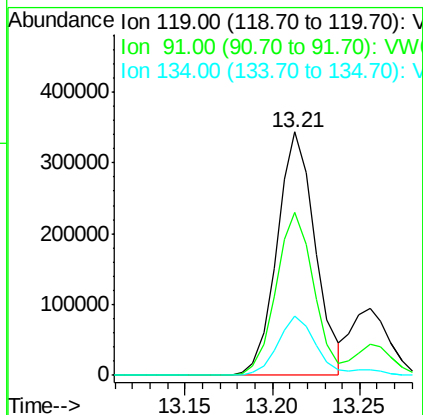
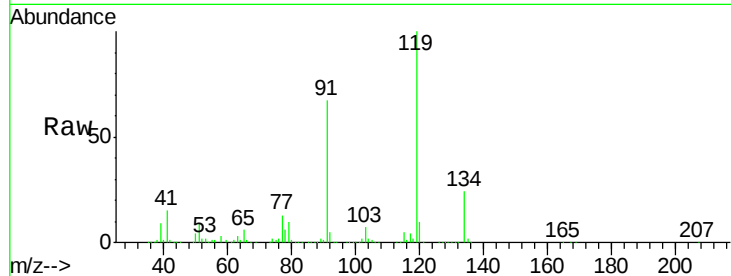
#83  
tert-Butylbenzene  
Concen: 53.67 ug/l  
RT: 13.21 min Scan# 1907  
Delta R.T. 0.00 min  
Lab File: VW004153.D  
Acq: 23 Jul 2018 23:25

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 66.2  | 33.2  | 99.6  |
| 134     | 25.9  | 13.0  | 38.9  |

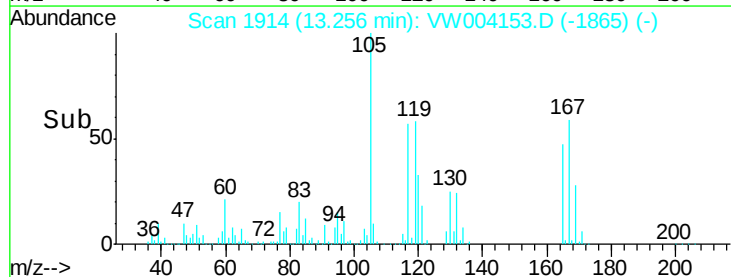
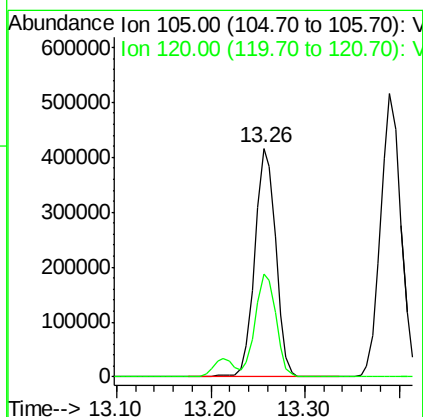
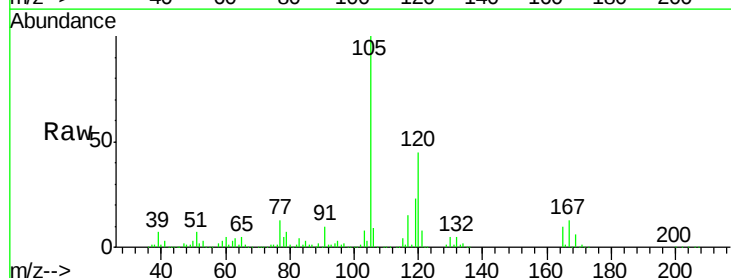
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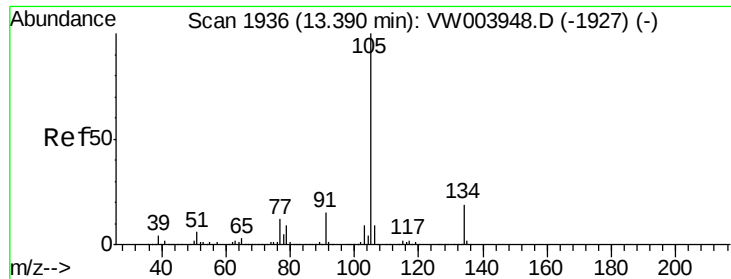
apatel  
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#84  
1,2,4-Trimethylbenzene  
Concen: 54.01 ug/l  
RT: 13.26 min Scan# 1914  
Delta R.T. 0.00 min  
Lab File: VW004153.D  
Acq: 23 Jul 2018 23:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 44.6  | 22.1  | 66.1  |





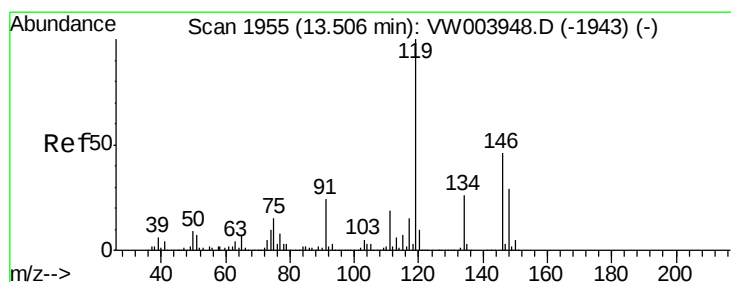
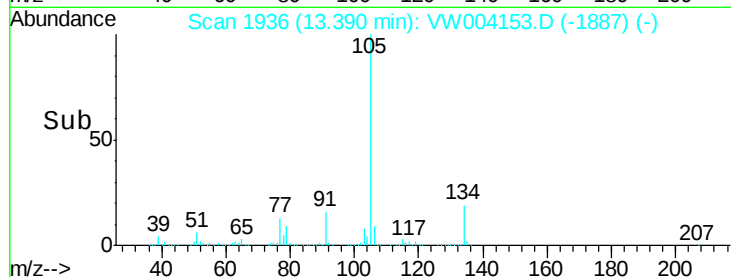
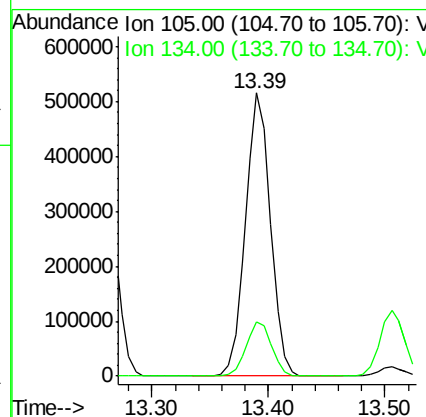
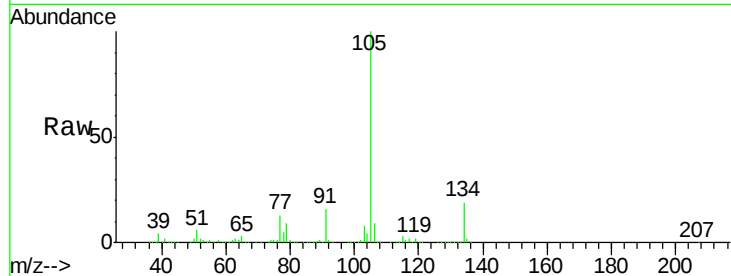
#85  
 sec-Butylbenzene  
 Concen: 53.27 ug/l  
 RT: 13.39 min Scan# 1936  
 Delta R.T. 0.00 min  
 Lab File: VW004153.D  
 Acq: 23 Jul 2018 23:25

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 134     | 19.6  | 9.8   | 29.4  |

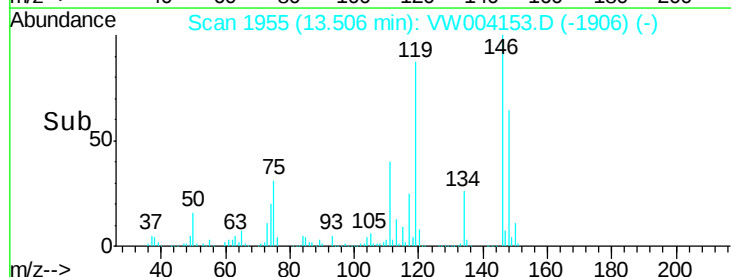
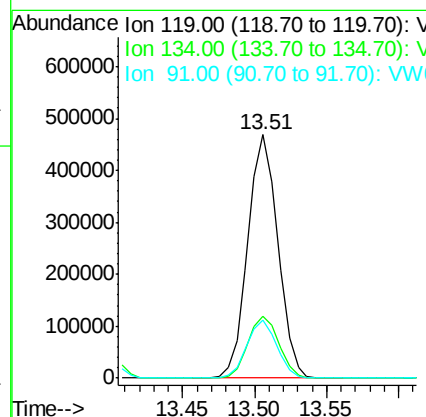
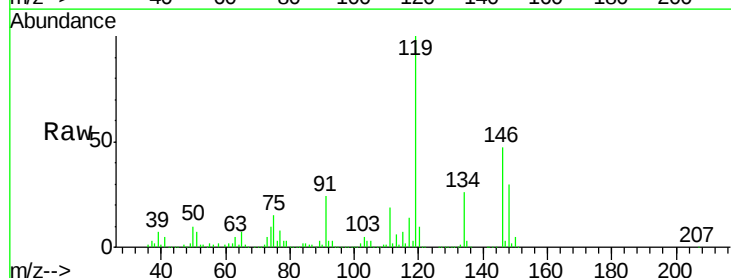
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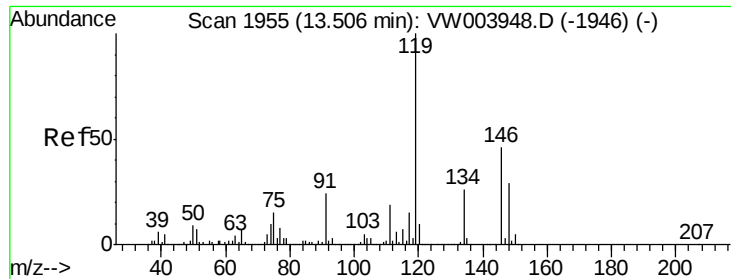
apatel  
 7/24/2018 11:50:02 AM



#86  
 p-Isopropyltoluene  
 Concen: 53.36 ug/l  
 RT: 13.51 min Scan# 1955  
 Delta R.T. 0.00 min  
 Lab File: VW004153.D  
 Acq: 23 Jul 2018 23:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 26.0  | 13.0  | 38.9  |
| 91      | 23.6  | 11.8  | 35.3  |





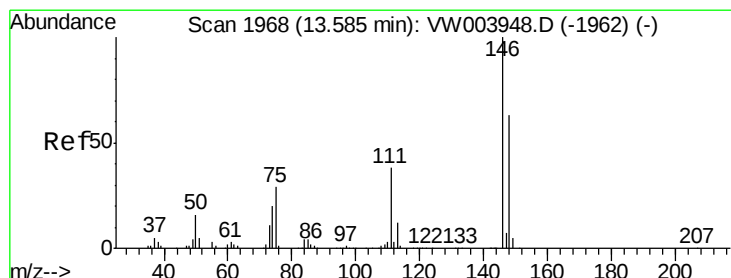
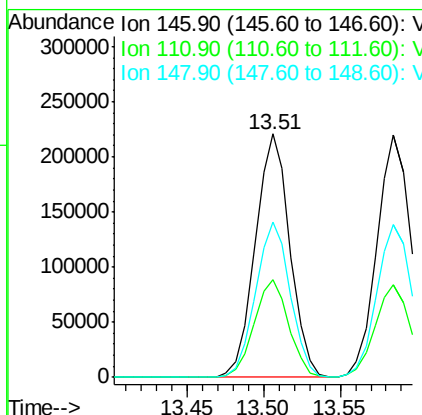
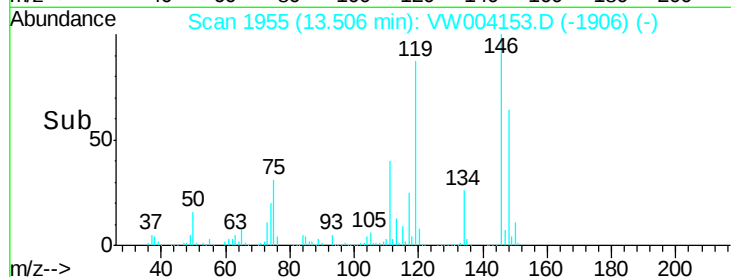
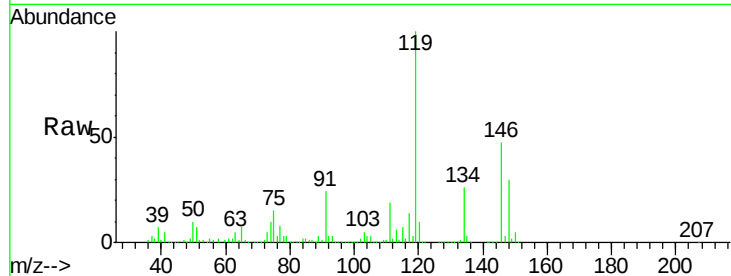
#87  
 1,3-Dichlorobenzene  
 Concen: 52.59 ug/l  
 RT: 13.51 min Scan# 1955  
 Delta R.T. 0.00 min  
 Lab File: VW004153.D  
 Acq: 23 Jul 2018 23:25

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 346967 |       |       |
| 111     | 40.0  | 19.9   | 59.6  |       |
| 148     | 64.0  | 31.9   | 95.5  |       |

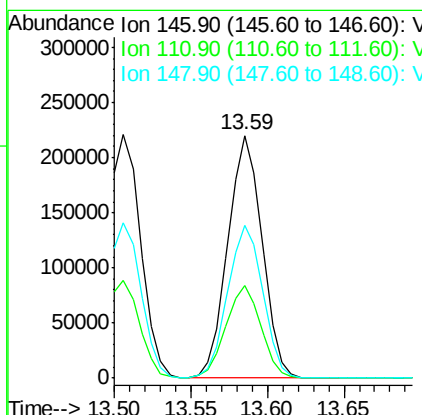
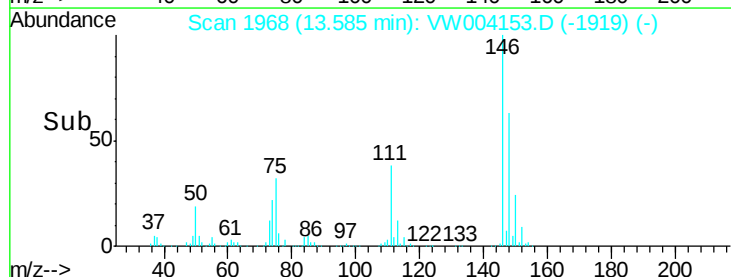
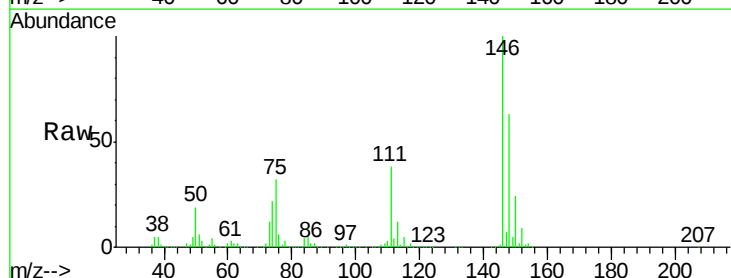
Manual Integrations  
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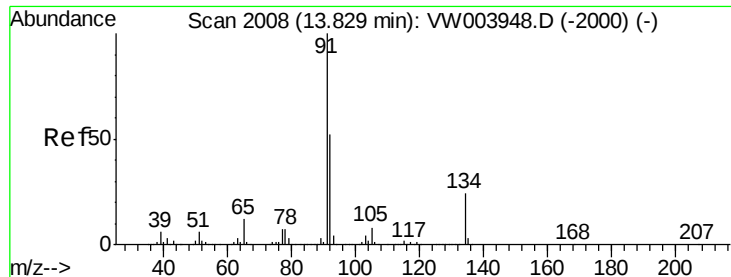
apatel  
 7/24/2018 11:50:02 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 51.70 ug/l  
 RT: 13.59 min Scan# 1968  
 Delta R.T. 0.00 min  
 Lab File: VW004153.D  
 Acq: 23 Jul 2018 23:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 342055 |       |       |
| 111     | 39.1  | 19.6   | 58.7  |       |
| 148     | 64.3  | 32.3   | 96.8  |       |





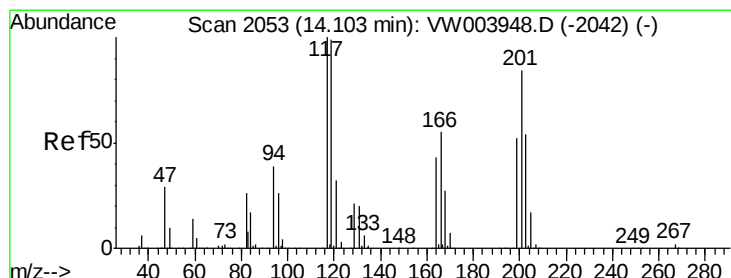
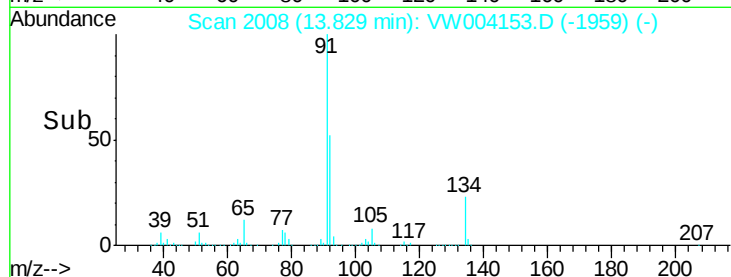
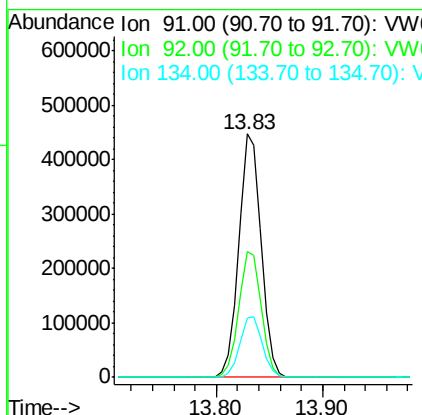
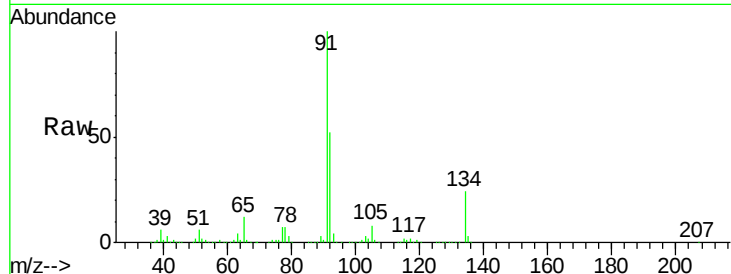
#89  
n-Butylbenzene  
Concen: 52.66 ug/l  
RT: 13.83 min Scan# 2008  
Delta R.T. 0.00 min  
Lab File: VW004153.D  
Acq: 23 Jul 2018 23:25

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.1  | 26.1  | 78.3  |
| 134     | 25.0  | 12.4  | 37.4  |

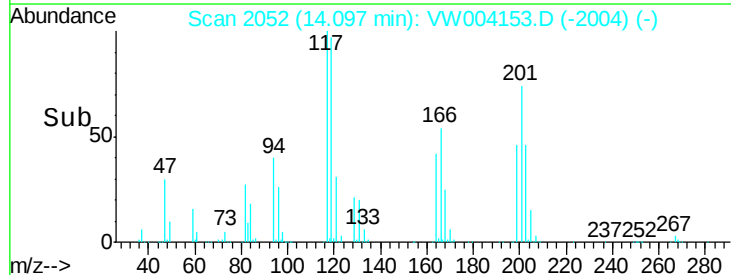
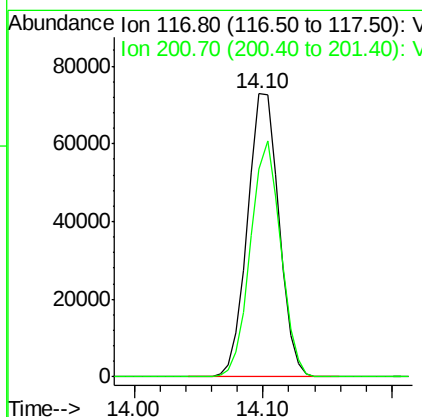
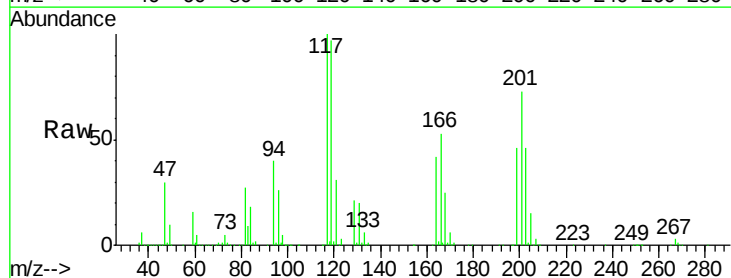
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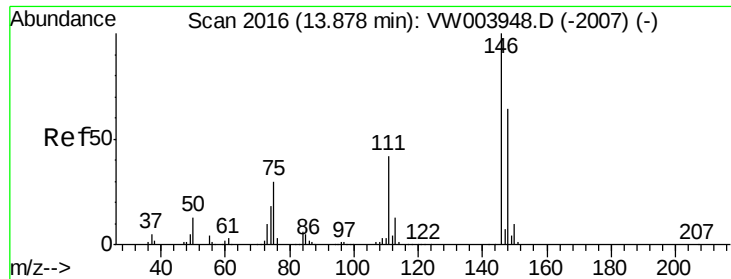
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#90  
Hexachloroethane  
Concen: 52.47 ug/l  
RT: 14.10 min Scan# 2052  
Delta R.T. -0.01 min  
Lab File: VW004153.D  
Acq: 23 Jul 2018 23:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 79.9  | 40.3  | 120.9 |





#91

1,2-Dichlorobenzene

Concen: 53.40 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW004153.D

Acq: 23 Jul 2018 23:25

Instrument :

MSVOA\_W

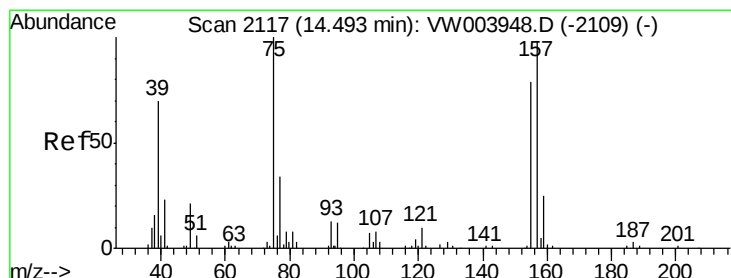
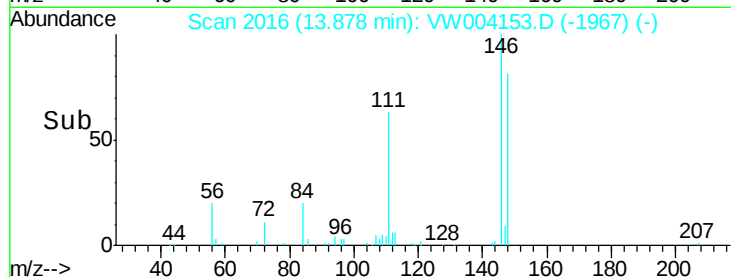
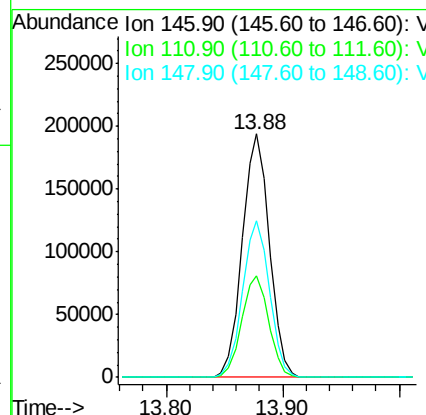
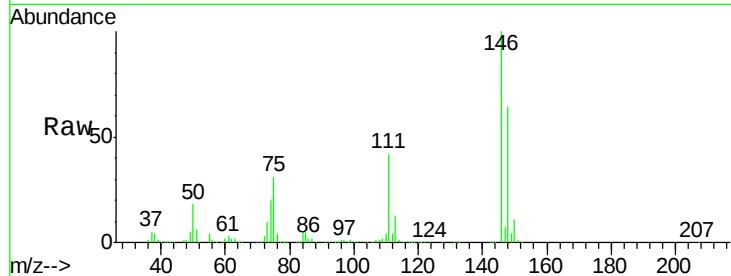
ClientSampleId :

VSTDCCC050

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 146  | Resp: | 313877 |
| Ion Ratio |      | Lower | Upper  |
| 146       | 100  |       |        |
| 111       | 41.6 | 20.7  | 62.1   |
| 148       | 63.8 | 32.0  | 96.2   |

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#92

1,2-Dibromo-3-Chloropropane

Concen: 55.43 ug/l

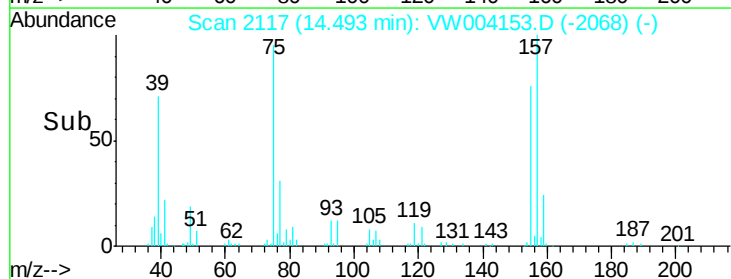
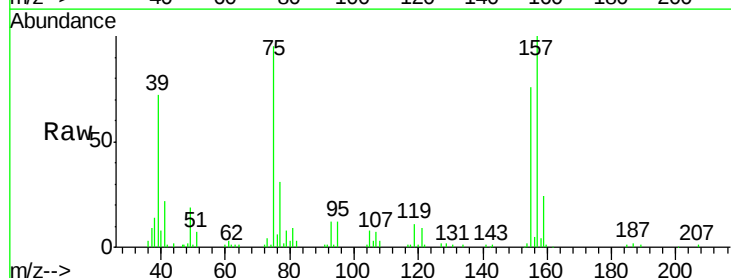
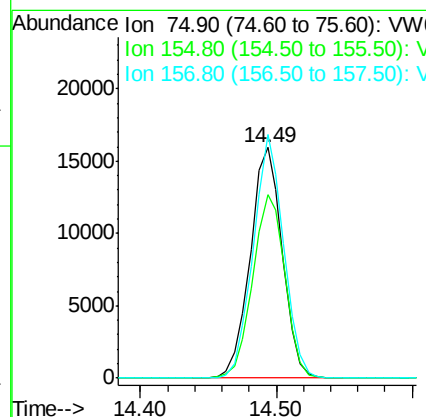
RT: 14.49 min Scan# 2117

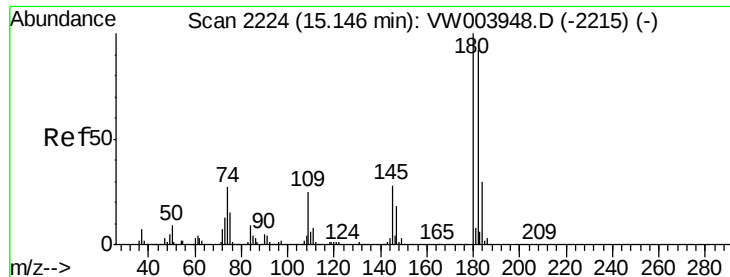
Delta R.T. 0.00 min

Lab File: VW004153.D

Acq: 23 Jul 2018 23:25

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 75   | Resp: | 26313 |
| Ion Ratio |      | Lower | Upper |
| 75        | 100  |       |       |
| 155       | 79.9 | 39.4  | 118.1 |
| 157       | 99.9 | 51.8  | 155.4 |





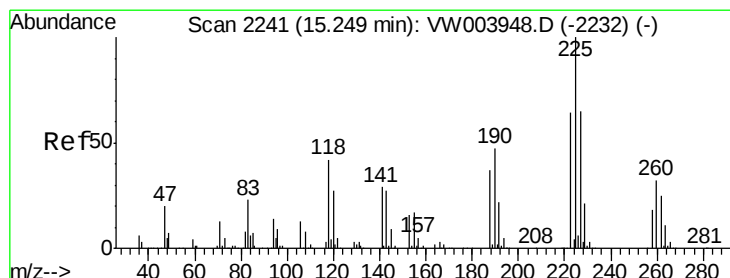
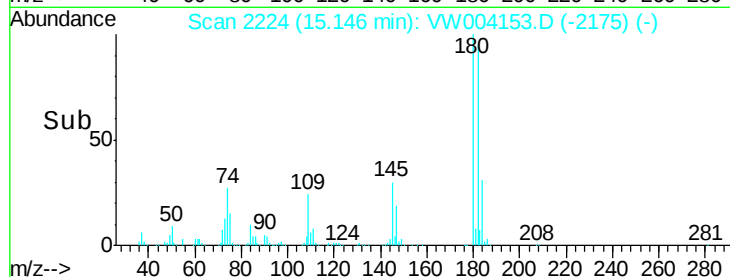
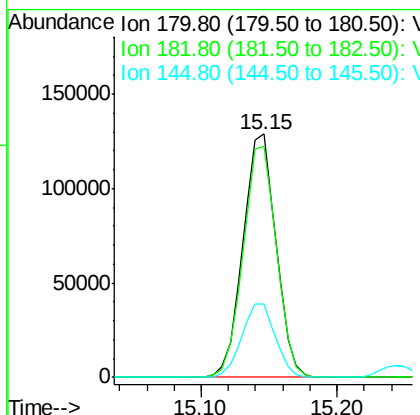
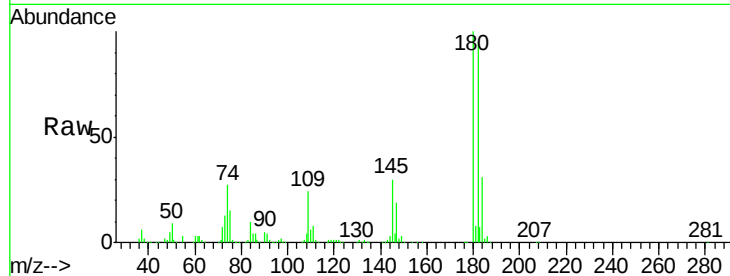
#93  
 1,2,4-Trichlorobenzene  
 Concen: 52.47 ug/l  
 RT: 15.15 min Scan# 2224  
 Delta R.T. 0.00 min  
 Lab File: VW004153.D  
 Acq: 23 Jul 2018 23:25

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 216599 |       |       |
| 182     | 95.6  | 46.9   | 140.8 |       |
| 145     | 30.8  | 15.0   | 45.0  |       |

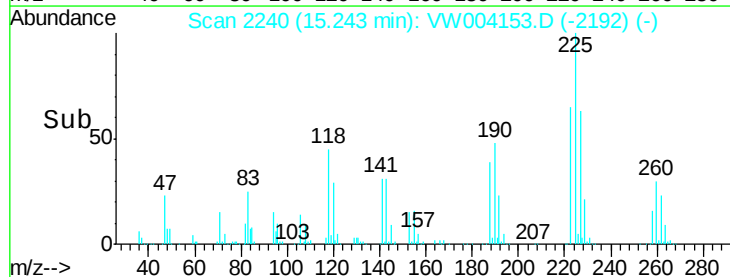
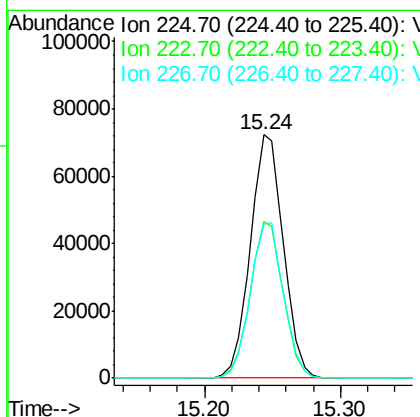
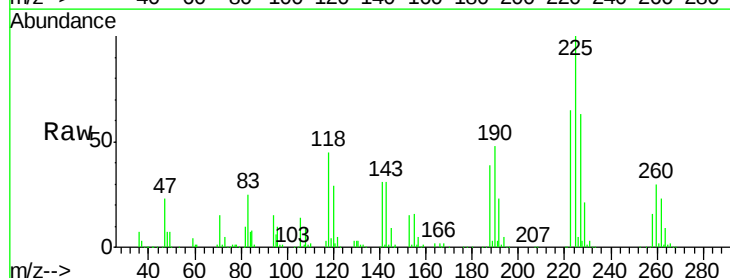
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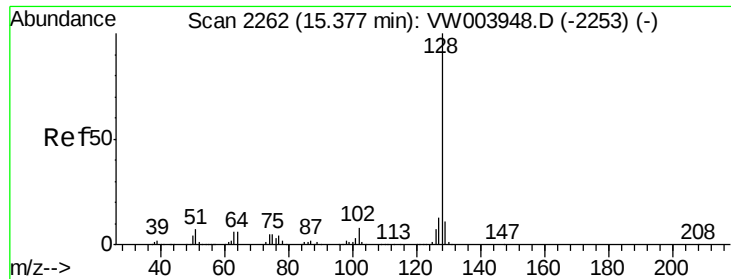
apatel  
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#94  
 Hexachlorobutadiene  
 Concen: 52.04 ug/l  
 RT: 15.24 min Scan# 2240  
 Delta R.T. -0.01 min  
 Lab File: VW004153.D  
 Acq: 23 Jul 2018 23:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 123370 |       |       |
| 223     | 63.6  | 32.0   | 96.2  |       |
| 227     | 63.9  | 32.3   | 96.9  |       |





#95

Naphthalene

Concen: 57.07 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004153.D

Acq: 23 Jul 2018 23:25

Instrument :

MSVOA\_W

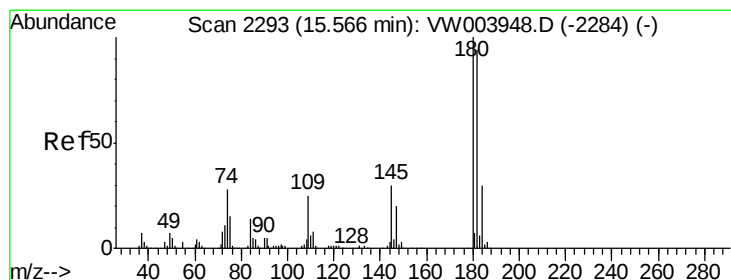
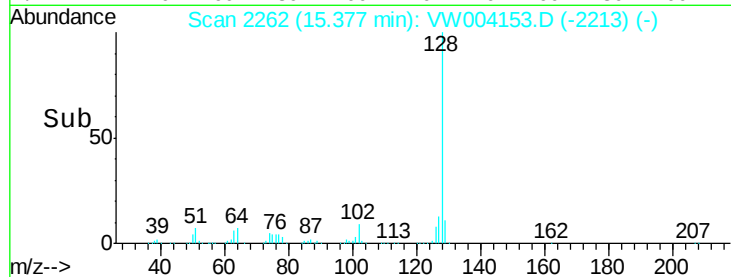
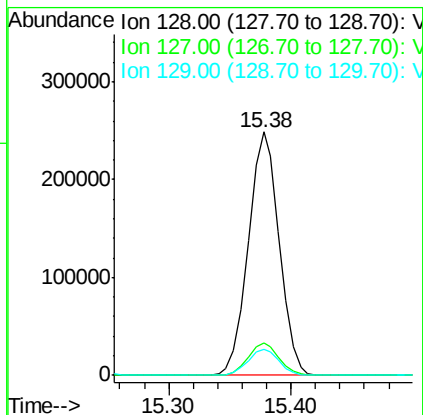
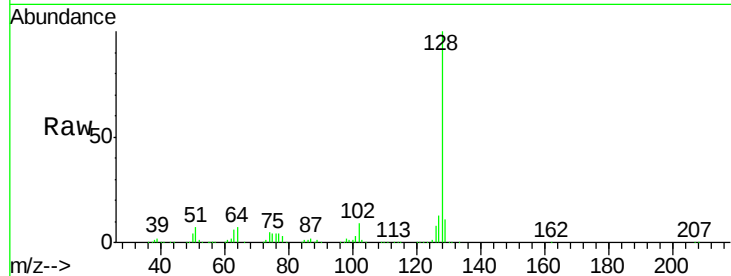
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 434867 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.4  | 10.7  | 16.1   |
| 129       | 10.9  | 8.7   | 13.1   |

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#96

1,2,3-Trichlorobenzene

Concen: 54.67 ug/l

RT: 15.57 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VW004153.D

Acq: 23 Jul 2018 23:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 199844 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 94.3  | 47.5  | 142.6  |
| 145       | 31.9  | 15.8  | 47.4   |

