

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062818\  
 Data File : VX002982.D  
 Acq On : 28 Jun 2018 13:54  
 Operator : JC/MD  
 Sample : VX0628WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0628WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 6/29/2018 12:22:45 PM

Quant Time: Jun 29 06:44:31 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X062518W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 25 14:38:05 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 303344   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 418392   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 395353   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 244254   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 6.07   | 65  | 188525   | 44.96 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 89.92% |      |
| 35) Dibromofluoromethane  | 5.51   | 113 | 150319   | 45.37 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 90.74% |      |
| 50) Toluene-d8            | 8.72   | 98  | 540018   | 44.63 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 89.26% |      |
| 62) 4-Bromofluorobenzene  | 11.14  | 95  | 205371   | 44.01 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 88.02% |      |

## Target Compounds

|                               |      |     |        |        |      | Qvalue |
|-------------------------------|------|-----|--------|--------|------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 61261  | 22.45  | ug/l | 98     |
| 3) Chloromethane              | 1.32 | 50  | 57701  | 19.80  | ug/l | 98     |
| 4) Vinyl Chloride             | 1.40 | 62  | 64689  | 18.86  | ug/l | # 87   |
| 5) Bromomethane               | 1.64 | 94  | 25191  | 13.76  | ug/l | 97     |
| 6) Chloroethane               | 1.72 | 64  | 42709  | 19.95  | ug/l | 95     |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 104154 | 18.00  | ug/l | 98     |
| 8) Diethyl Ether              | 2.19 | 74  | 37978  | 18.05  | ug/l | 96     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 58981  | 17.59  | ug/l | 99     |
| 10) Methyl Iodide             | 2.51 | 142 | 37597  | 15.91  | ug/l | 100    |
| 11) Tert butyl alcohol        | 3.07 | 59  | 77796  | 93.14  | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 53432  | 17.86  | ug/l | 97     |
| 13) Acrolein                  | 2.29 | 56  | 44949  | 99.66  | ug/l | 98     |
| 14) Allyl chloride            | 2.73 | 41  | 104676 | 17.75  | ug/l | 98     |
| 15) Acrylonitrile             | 3.15 | 53  | 162256 | 90.95  | ug/l | 99     |
| 16) Acetone                   | 2.45 | 43  | 181185 | 104.35 | ug/l | 100    |
| 17) Carbon Disulfide          | 2.57 | 76  | 157311 | 19.74  | ug/l | 98     |
| 18) Methyl Acetate            | 2.78 | 43  | 76283  | 15.71  | ug/l | 98     |
| 19) Methyl tert-butyl Ether   | 3.21 | 73  | 186978 | 17.39  | ug/l | 98     |
| 20) Methylene Chloride        | 2.85 | 84  | 58840  | 17.41  | ug/l | 95     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 56525  | 17.35  | ug/l | 98     |
| 22) Diisopropyl ether         | 3.87 | 45  | 202839 | 17.99  | ug/l | 96     |
| 23) Vinyl Acetate             | 3.82 | 43  | 903526 | 94.66  | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 110987 | 18.11  | ug/l | 99     |
| 25) 2-Butanone                | 4.71 | 43  | 248168 | 96.30  | ug/l | 99     |
| 26) 2,2-Dichloropropane       | 4.59 | 77  | 90302  | 18.13  | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 65021  | 17.80  | ug/l | 98     |
| 28) Bromochloromethane        | 5.02 | 49  | 53137  | 18.12  | ug/l | 95     |
| 29) Tetrahydrofuran           | 5.17 | 42  | 153058 | 92.62  | ug/l | 98     |
| 30) Chloroform                | 5.22 | 83  | 113901 | 18.11  | ug/l | 97     |
| 31) Cyclohexane               | 5.57 | 56  | 96509  | 18.35  | ug/l | 96     |
| 32) 1,1,1-Trichloroethane     | 5.50 | 97  | 100492 | 18.16  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.81 | 75  | 81919  | 17.85  | ug/l | 99     |
| 37) Ethyl Acetate             | 4.87 | 43  | 93471  | 18.92  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 89477  | 17.77  | ug/l | 97     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062818\  
 Data File : VX002982.D  
 Acq On : 28 Jun 2018 13:54  
 Operator : JC/MD  
 Sample : VX0628WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VX0628WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 6/29/2018 12:22:45 PM

Quant Time: Jun 29 06:44:31 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X062518W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 25 14:38:05 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 97137    | 18.18  | ug/l   | 96       |
| 40) Benzene                    | 6.15  | 78   | 240016   | 18.00  | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.07  | 41   | 51544    | 18.12  | ug/l   | 98       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 94529    | 17.55  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 6.47  | 43   | 146488   | 17.68  | ug/l   | 99       |
| 44) Trichloroethene            | 7.21  | 130  | 70129    | 17.64  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 63144    | 17.86  | ug/l   | 100      |
| 46) Dibromomethane             | 7.67  | 93   | 43743    | 17.82  | ug/l   | 97       |
| 47) Bromodichloromethane       | 7.90  | 83   | 81429    | 17.95  | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.78  | 41   | 75405    | 17.66  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 7.76  | 88   | 29792    | 358.69 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 478669   | 92.34  | ug/l   | 98       |
| 52) Toluene                    | 8.79  | 92   | 155883   | 18.25  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 8.44  | 75   | 92436    | 17.99  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.04  | 75   | 85993    | 17.39  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 9.22  | 97   | 63608    | 18.13  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 93269    | 18.18  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 9.38  | 76   | 104142   | 18.07  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.32  | 63   | 243339   | 98.34  | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.50  | 43   | 372130   | 94.46  | ug/l   | 98       |
| 60) Dibromochloromethane       | 9.59  | 129  | 67303    | 18.22  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.68  | 107  | 66858    | 18.16  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.34  | 164  | 75076    | 17.08  | ug/l   | 98       |
| 65) Chlorobenzene              | 10.14 | 112  | 178104   | 17.74  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.23 | 131  | 65162    | 17.86  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.26 | 91   | 298479   | 17.99  | ug/l   | 97       |
| 68) m/p-Xylenes                | 10.36 | 106  | 233618   | 36.54  | ug/l   | 99       |
| 69) o-Xylene                   | 10.70 | 106  | 112473   | 18.07  | ug/l   | 98       |
| 70) Styrene                    | 10.71 | 104  | 185569   | 18.35  | ug/l   | 99       |
| 71) Bromoform                  | 10.86 | 173  | 51941    | 18.43  | ug/l # | 98       |
| 73) Isopropylbenzene           | 11.02 | 105  | 306613   | 18.66  | ug/l   | 99       |
| 74) N-amyl acetate             | 6.47  | 43   | 146488   | 18.22  | ug/l # | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 95897    | 18.95  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 92518m   | 20.91  | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 85880    | 18.35  | ug/l   | 96       |
| 78) n-propylbenzene            | 11.37 | 91   | 347464   | 18.58  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.43 | 91   | 206274   | 18.22  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 260548   | 18.83  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.08 | 75   | 21902    | 16.76  | ug/l   | 93       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 243090   | 18.13  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.77 | 119  | 255633   | 18.74  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 263891   | 18.40  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 11.95 | 105  | 304927   | 18.43  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 273150   | 18.36  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.03 | 146  | 154170   | 18.04  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 155191   | 17.65  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.39 | 91   | 231548   | 17.88  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.60 | 117  | 38073    | 17.21  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 12.40 | 146  | 154608   | 17.92  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.01 | 75   | 20321    | 17.86  | ug/l   | 97       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062818\  
Data File : VX002982.D  
Acq On : 28 Jun 2018 13:54  
Operator : JC/MD  
Sample : VX0628WBS01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0628WBS01

Manual Integrations  
APPROVED

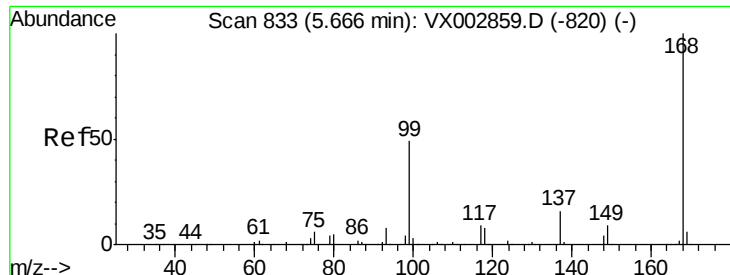
MMDadoda  
6/29/2018 12:22:45 PM

Quant Time: Jun 29 06:44:31 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X062518W.M  
Quant Title : SW846 8260  
QLast Update : Mon Jun 25 14:38:05 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 112019   | 17.84 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.79 | 225  | 56145    | 17.93 | ug/l  | 100      |
| 95) Naphthalene            | 13.84 | 128  | 309984   | 18.54 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 114111   | 18.20 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

Instrument :

MSVOA\_X

ClientSampleId :

VX0628WBS01

Tot Ion:168 Resp: 303344

Ion Ratio Lower Upper

168 100

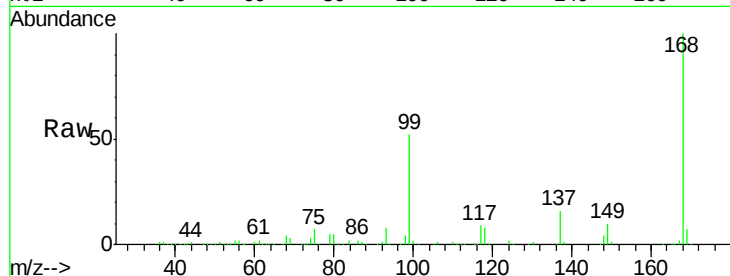
99 51.8 39.3 58.9

Manual Integrations

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6/29/2018 12:22:45 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

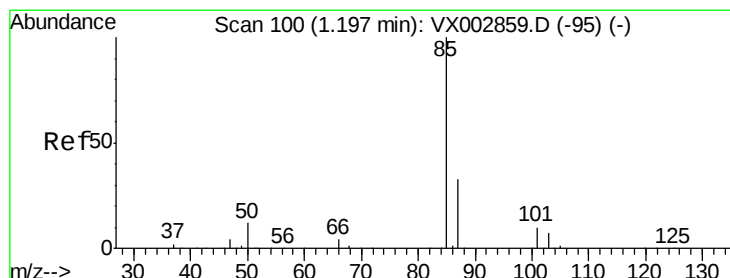
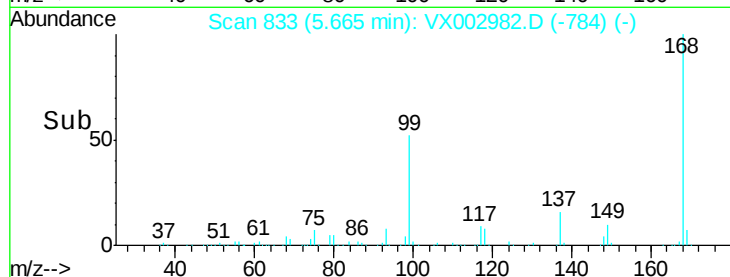
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 22.45 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002982.D

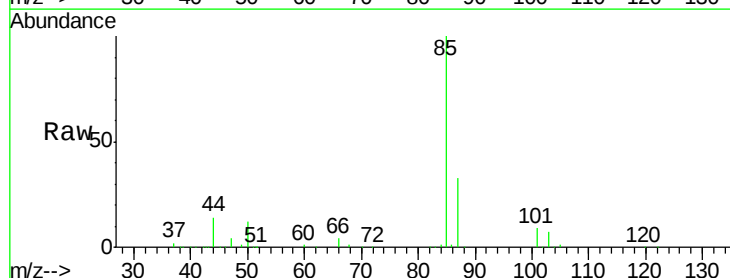
Acq: 28 Jun 2018 13:54

Tgt Ion: 85 Resp: 61261

Ion Ratio Lower Upper

85 100

87 33.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

60000

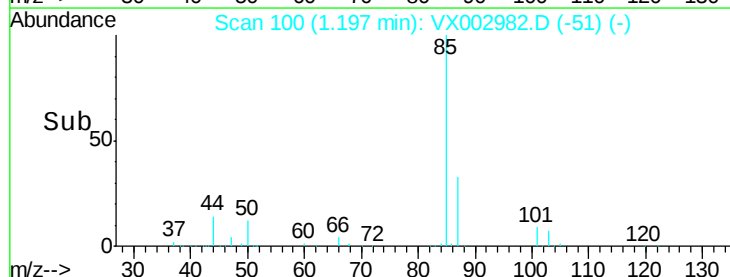
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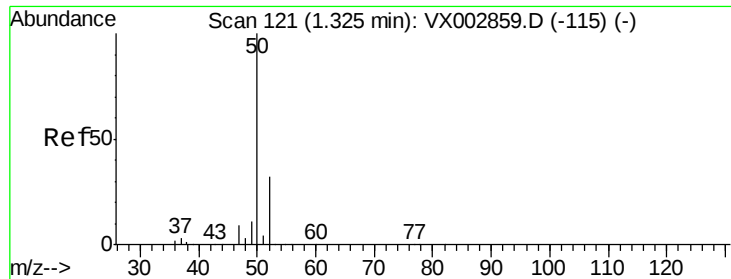
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 19.80 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

Instrument :

MSVOA\_X

ClientSampleId :

VX0628WBS01

Tot Ion: 50 Resp: 57701

Ion Ratio Lower Upper

50 100

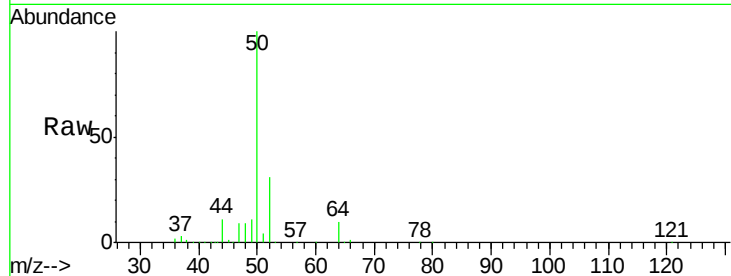
52 30.9 25.7 38.5

Manual Integrations

APPROVED

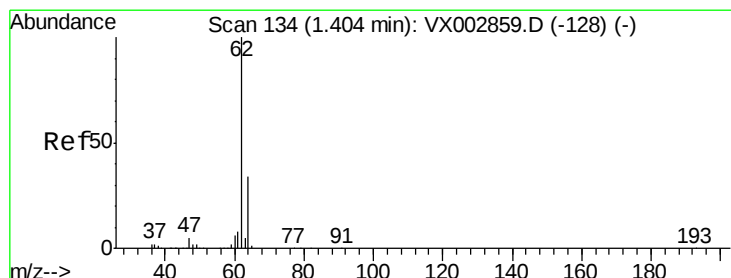
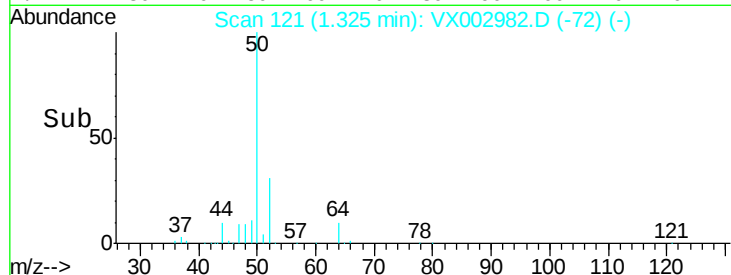
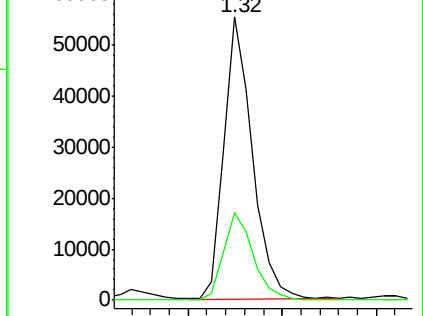
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6/29/2018 12:22:45 PM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.86 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002982.D

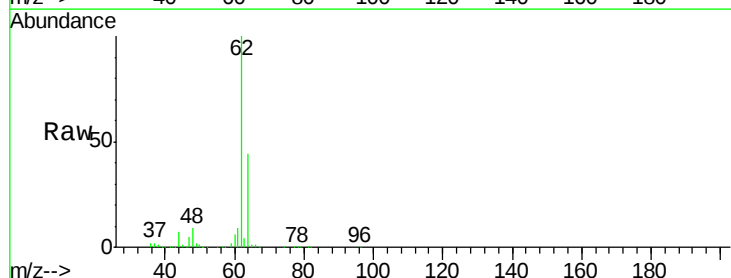
Acq: 28 Jun 2018 13:54

Tgt Ion: 62 Resp: 64689

Ion Ratio Lower Upper

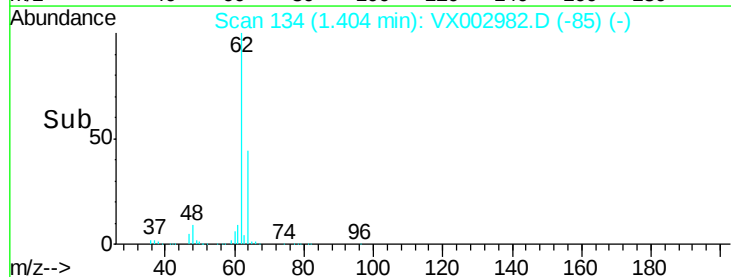
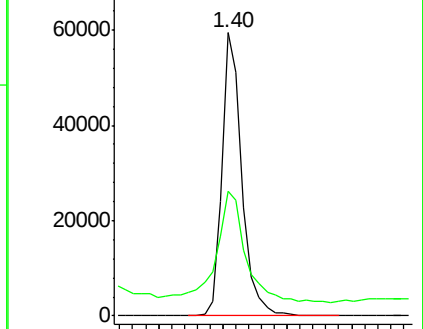
62 100

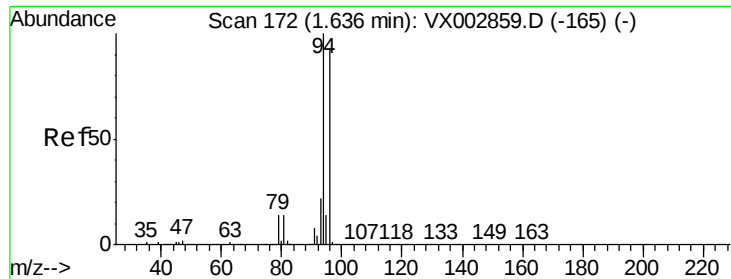
64 39.0 25.4 38.2#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 13.76 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

Instrument :

MSVOA\_X

ClientSampleId :

VX0628WBS01

Tot Ion: 94 Resp: 25191

Ion Ratio Lower Upper

94 100

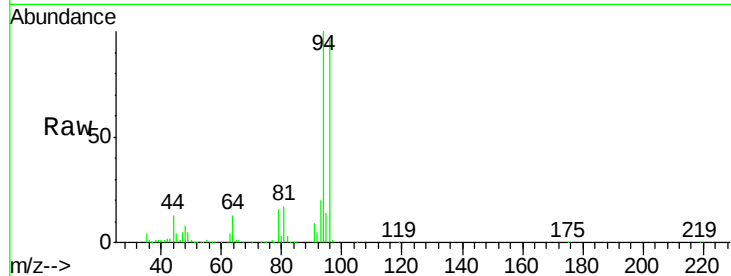
96 96.1 74.9 112.3

Manual Integrations

APPROVED

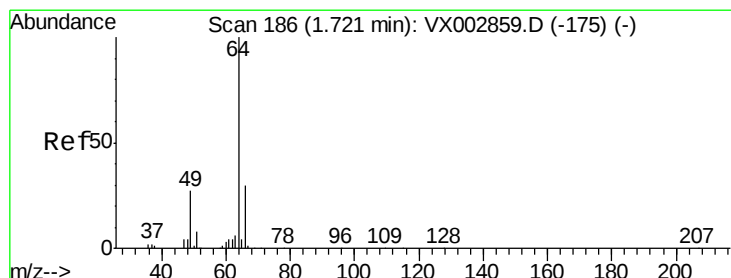
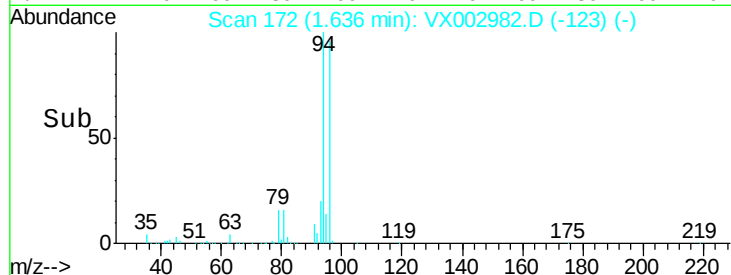
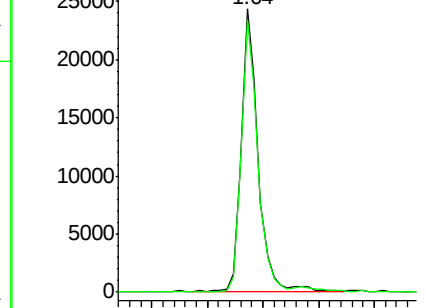
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.95 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002982.D

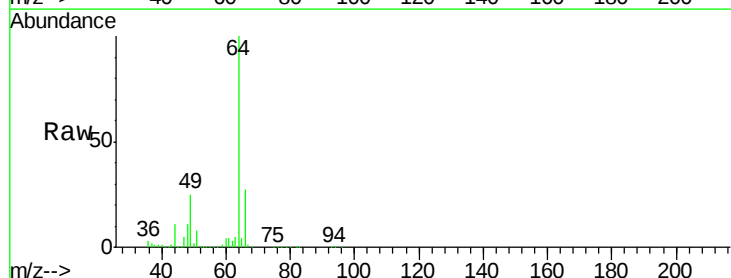
Acq: 28 Jun 2018 13:54

Tgt Ion: 64 Resp: 42709

Ion Ratio Lower Upper

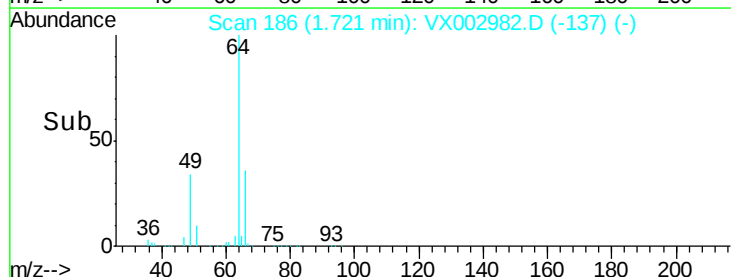
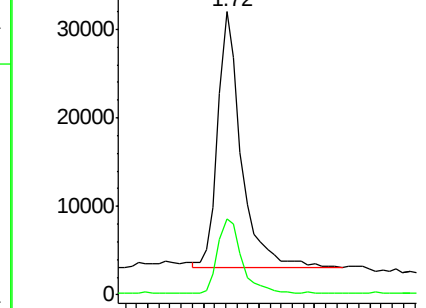
64 100

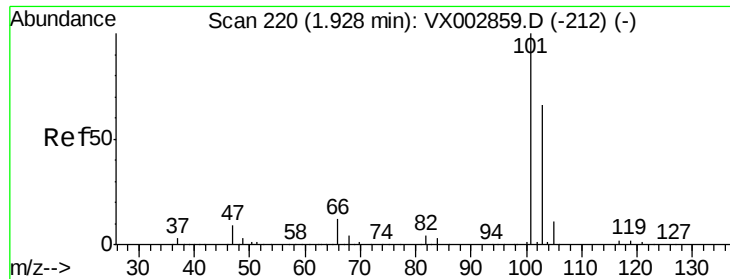
66 29.1 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

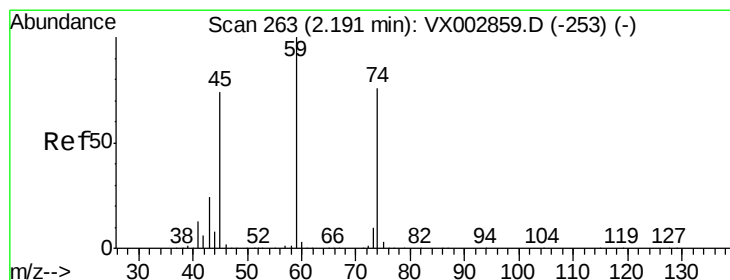
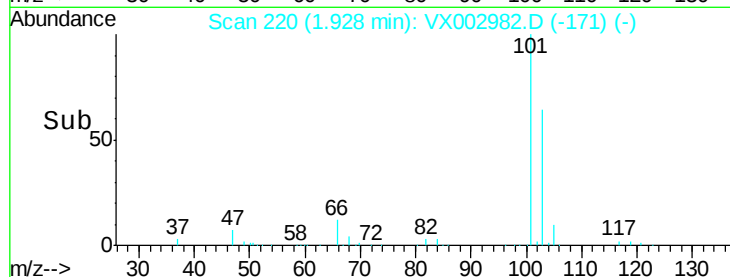
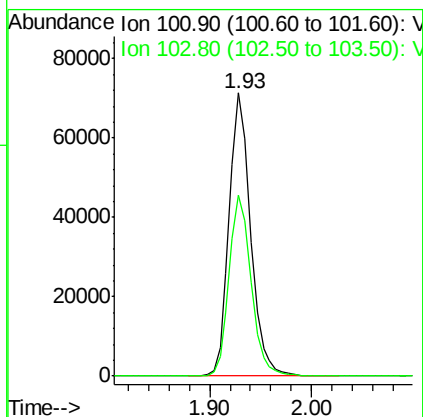
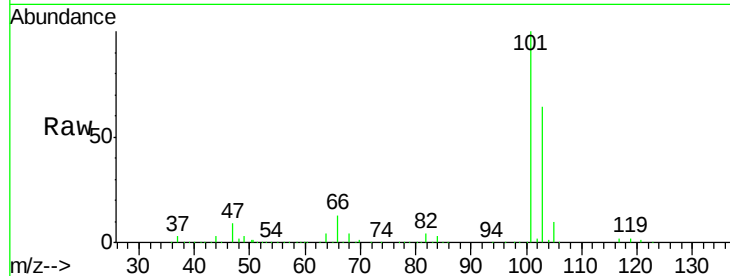
Trichlorofluoromethane  
Concen: 18.00 ug/l  
RT: 1.93 min Scan# 220  
Delta R.T. -0.00 min  
Lab File: VX002982.D  
Acq: 28 Jun 2018 13:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0628WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 64.1  | 52.8  | 79.2  |

Manual Integrations  
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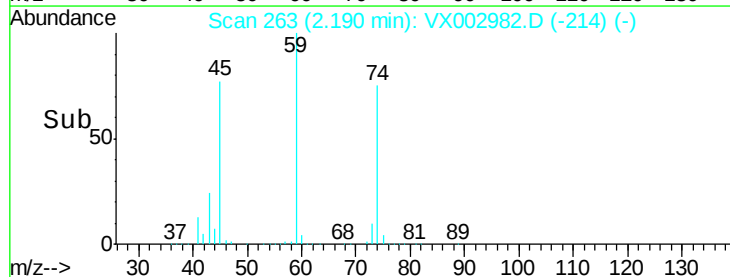
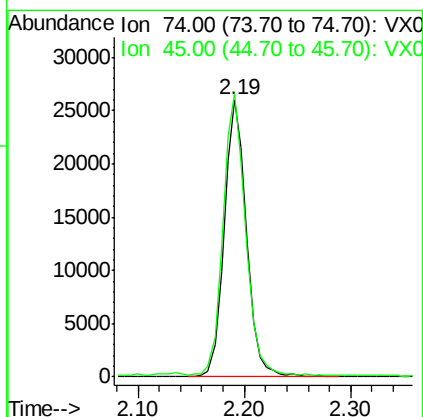
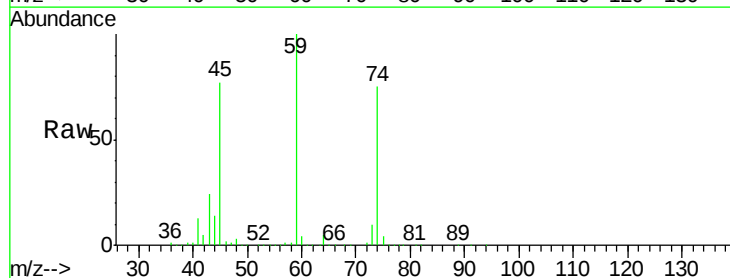
MMDadoda  
6/29/2018 12:22:45 PM



#8

Diethyl Ether  
Concen: 18.05 ug/l  
RT: 2.19 min Scan# 263  
Delta R.T. -0.00 min  
Lab File: VX002982.D  
Acq: 28 Jun 2018 13:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 102.6 | 53.1  | 159.4 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.59 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

Instrument :

MSVOA\_X

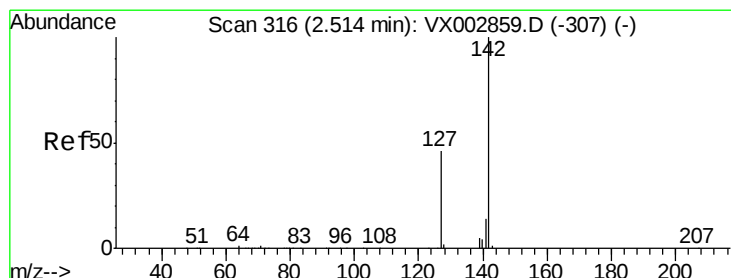
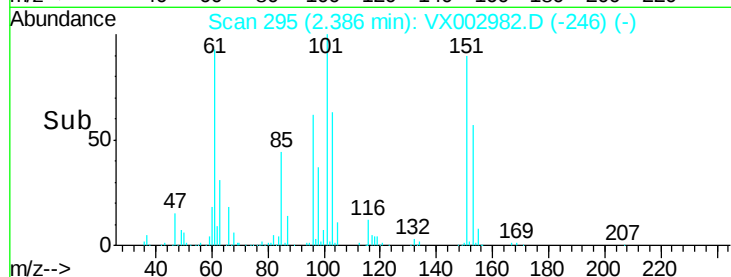
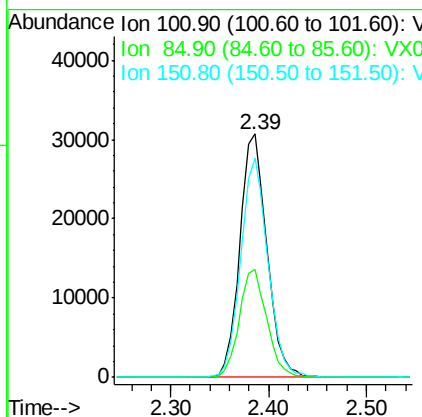
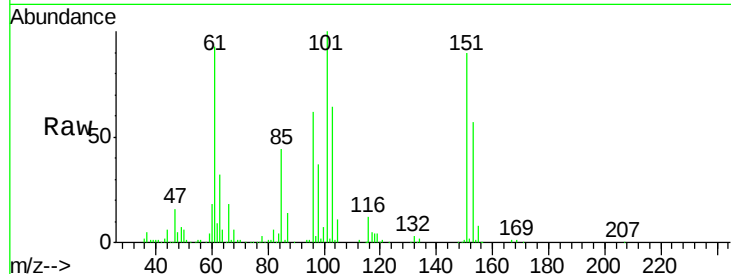
ClientSampleId :

VX0628WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 58981 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 45.0  | 36.0  | 54.0  |
| 151       | 90.3  | 70.9  | 106.3 |

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#10

Methyl Iodide

Concen: 15.91 ug/l

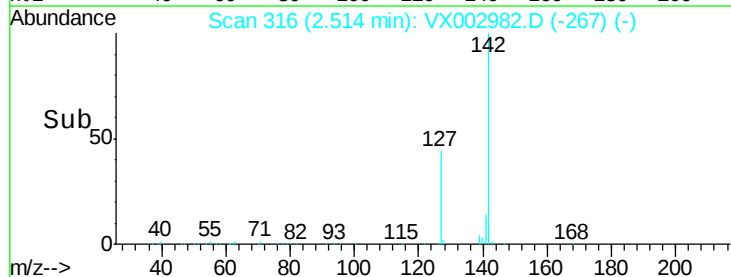
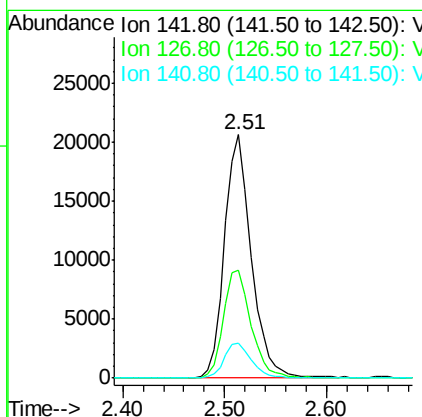
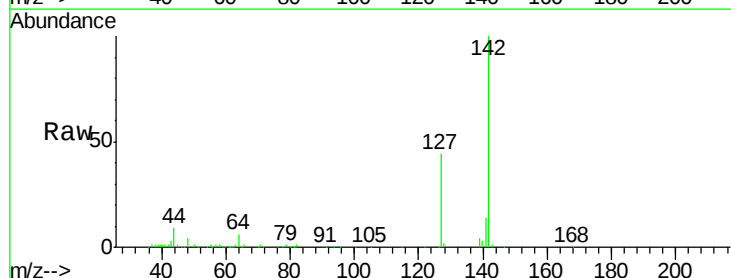
RT: 2.51 min Scan# 316

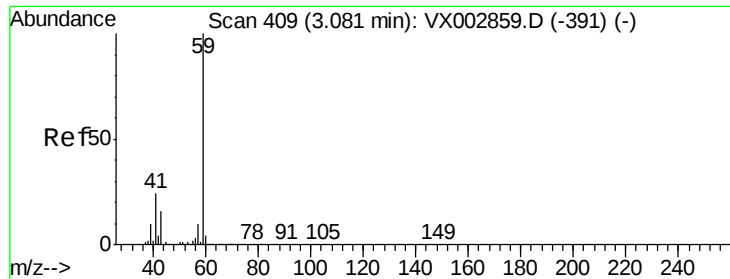
Delta R.T. 0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 37597 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 45.9  | 36.6  | 55.0  |
| 141       | 14.7  | 11.3  | 16.9  |





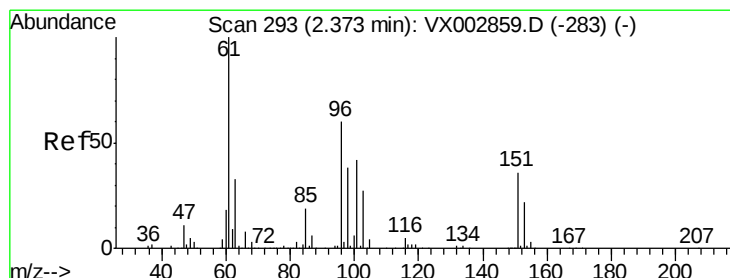
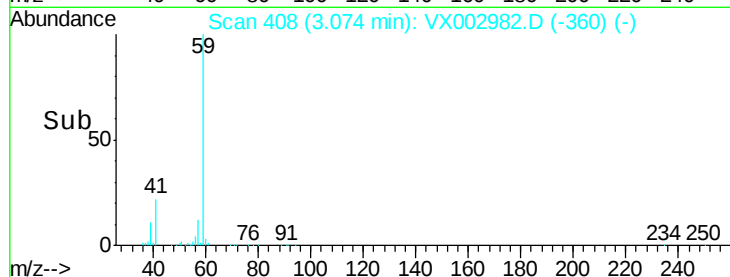
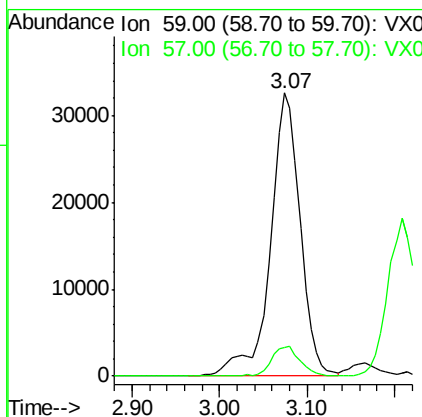
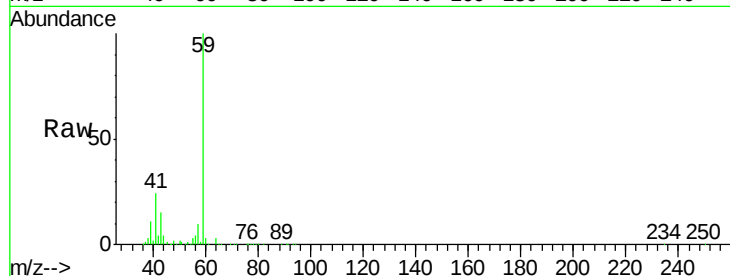
#11  
Tert butyl alcohol  
Concen: 93.14 ug/l  
RT: 3.07 min Scan# 408  
Delta R.T. -0.01 min  
Lab File: VX002982.D  
Acq: 28 Jun 2018 13:54

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0628WBS01

Tot Ion: 59 Resp: 77796  
Ion Ratio Lower Upper  
59 100  
57 10.3 8.2 12.2

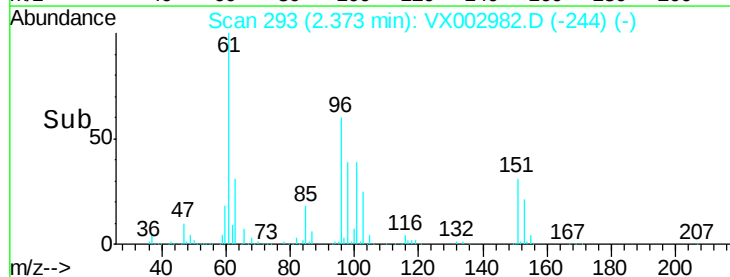
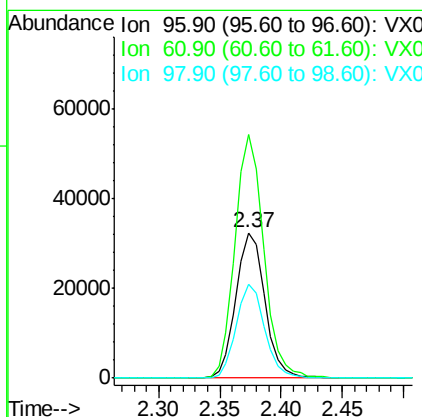
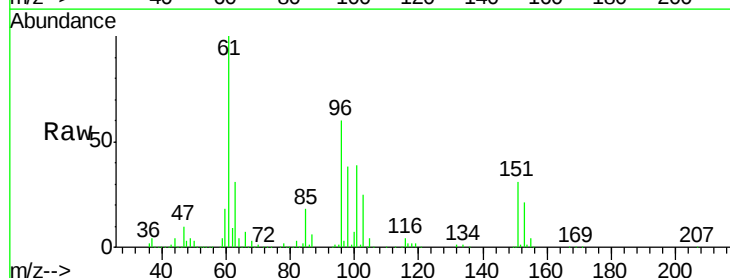
Manual Integrations  
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#12  
1,1-Dichloroethene  
Concen: 17.86 ug/l  
RT: 2.37 min Scan# 293  
Delta R.T. -0.00 min  
Lab File: VX002982.D  
Acq: 28 Jun 2018 13:54

Tgt Ion: 96 Resp: 53432  
Ion Ratio Lower Upper  
96 100  
61 167.6 137.9 206.9  
98 64.5 51.6 77.4





#13

Acrolein

Concen: 99.66 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

Instrument :

MSVOA\_X

ClientSampleId :

VX0628WBS01

Tot Ion: 56 Resp: 44949

Ion Ratio Lower Upper

56 100

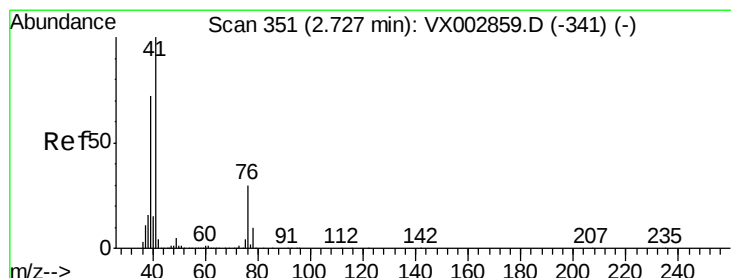
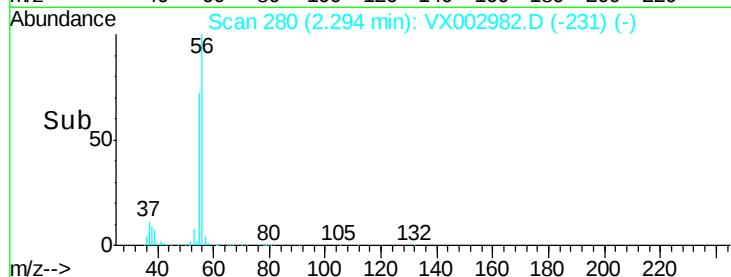
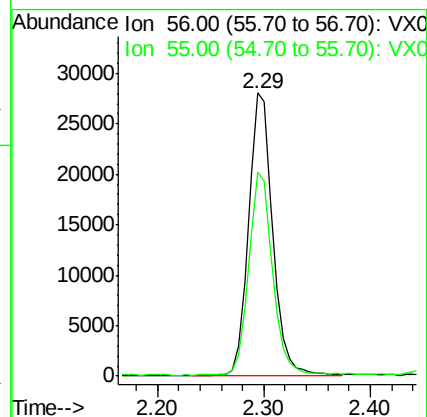
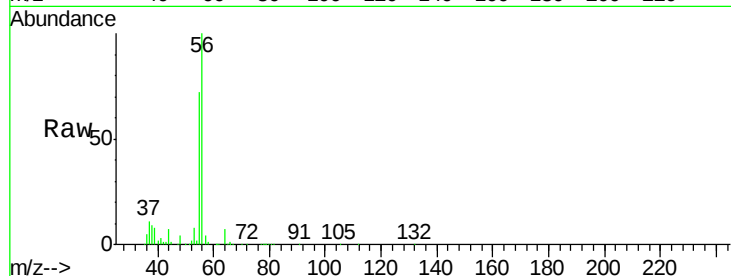
55 69.8 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 17.75 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

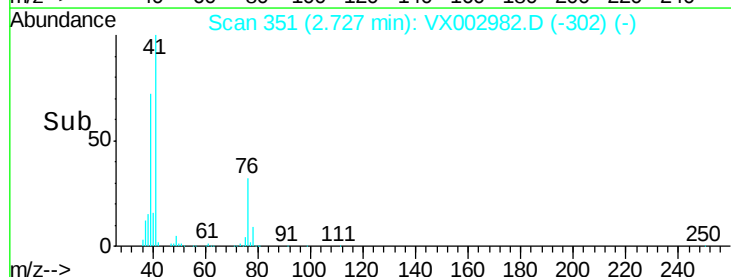
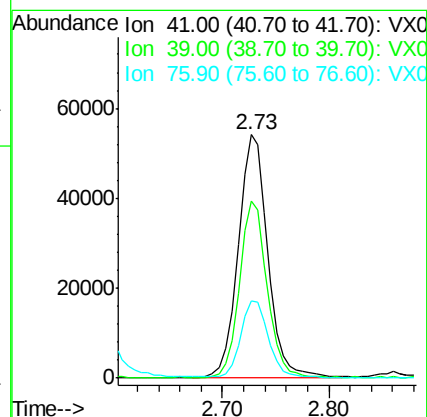
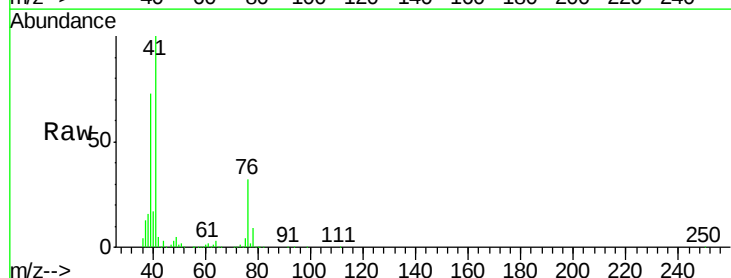
Tgt Ion: 41 Resp: 104676

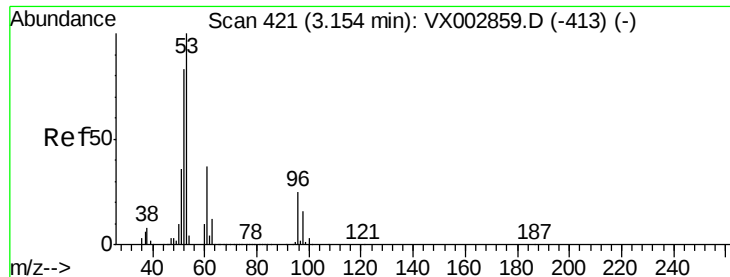
Ion Ratio Lower Upper

41 100

39 68.5 56.8 85.2

76 30.3 23.8 35.8





#15

Acrylonitrile

Concen: 90.95 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

Instrument :

MSVOA\_X

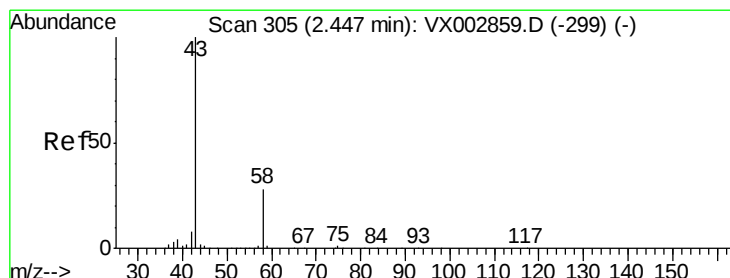
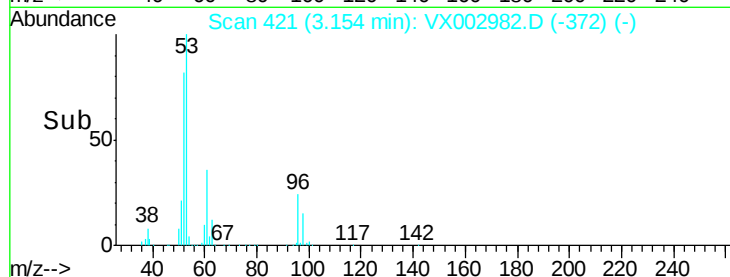
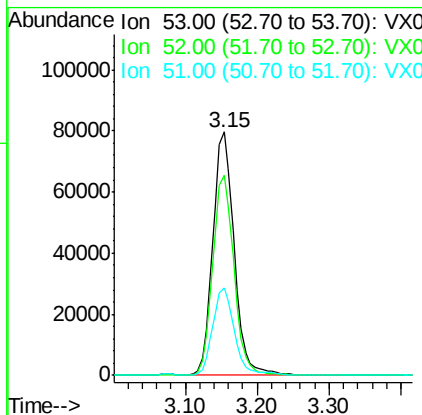
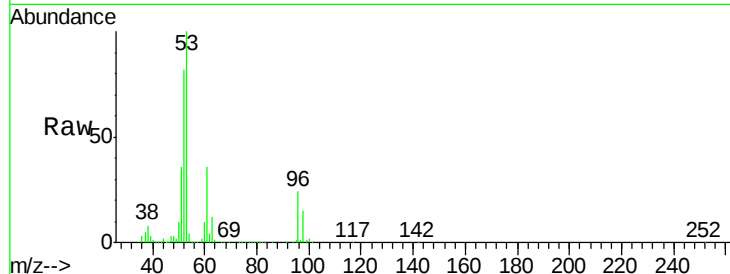
ClientSampled :

VX0628WBS01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 162256 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 82.3  | 66.7  | 100.1  |
| 51       | 36.8  | 29.9  | 44.9   |

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#16

Acetone

Concen: 104.35 ug/l

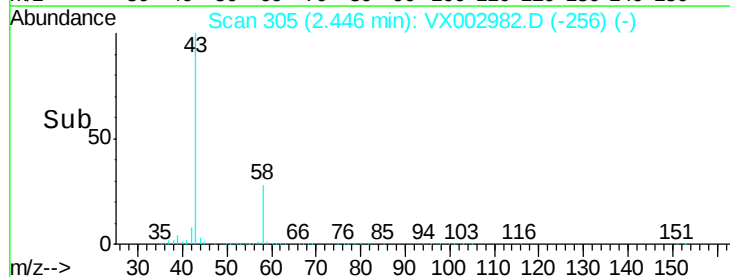
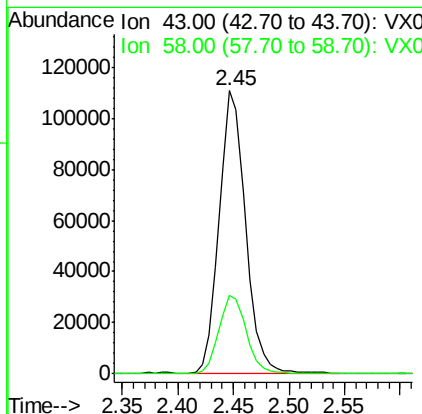
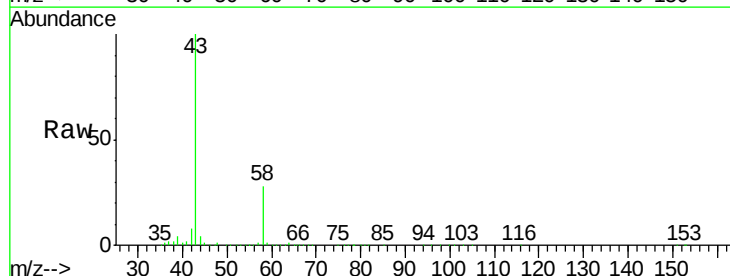
RT: 2.45 min Scan# 305

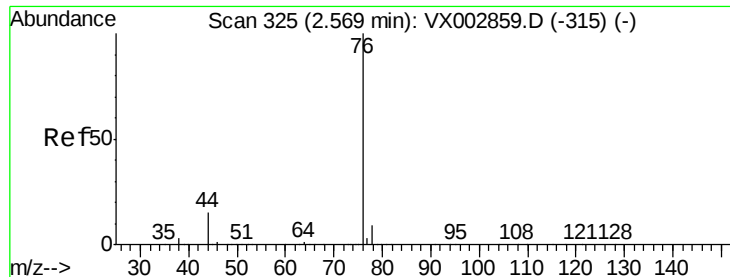
Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 181185 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 27.8  | 22.1  | 33.1   |





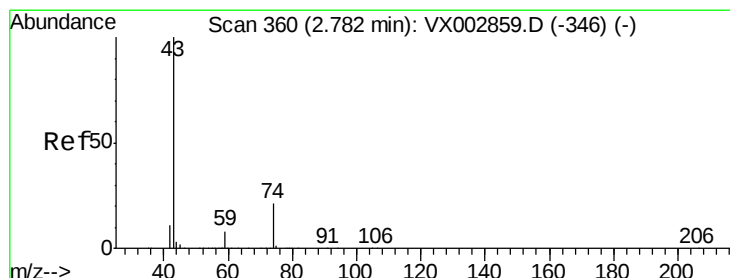
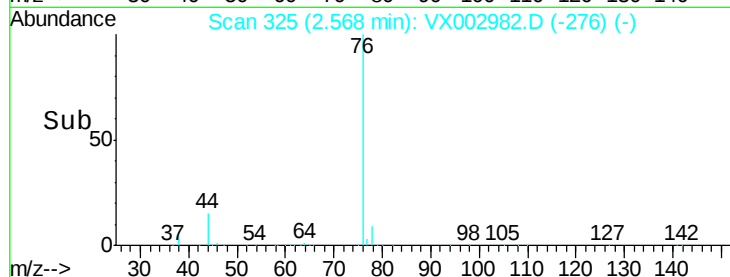
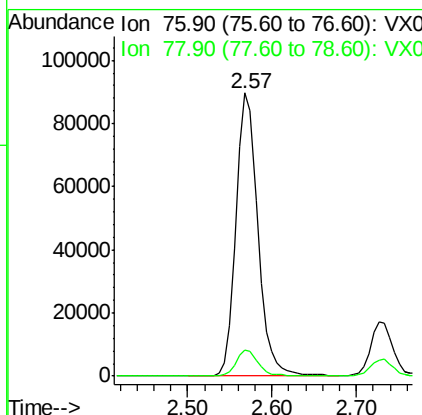
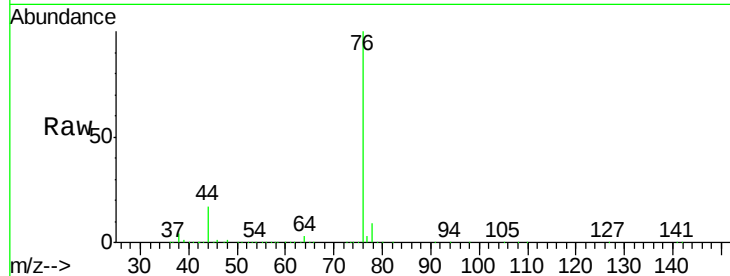
#17  
Carbon Disulfide  
Concen: 19.74 ug/l  
RT: 2.57 min Scan# 325  
Delta R.T. -0.00 min  
Lab File: VX002982.D  
Acq: 28 Jun 2018 13:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0628WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.2   | 6.9   | 10.3  |

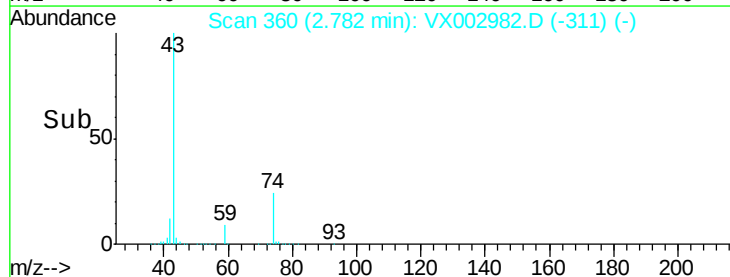
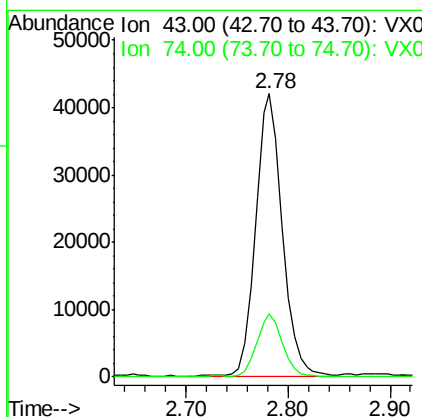
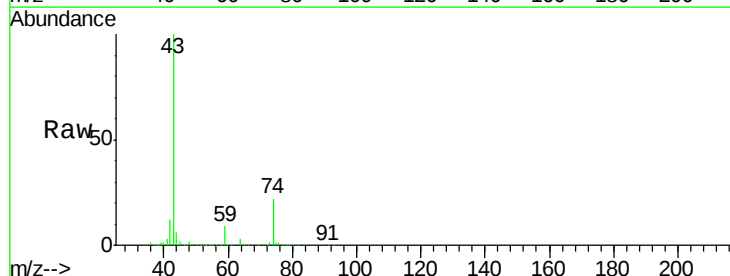
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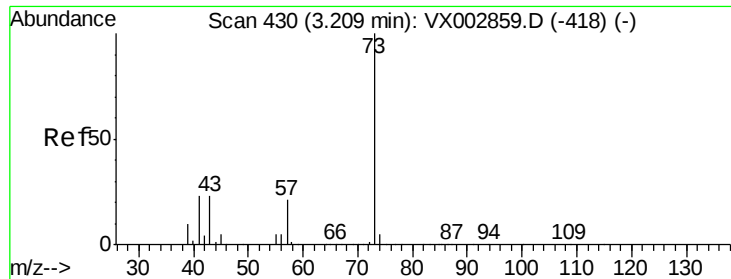
MMDadoda  
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#18  
Methyl Acetate  
Concen: 15.71 ug/l  
RT: 2.78 min Scan# 360  
Delta R.T. -0.00 min  
Lab File: VX002982.D  
Acq: 28 Jun 2018 13:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 22.0  | 16.7  | 25.1  |





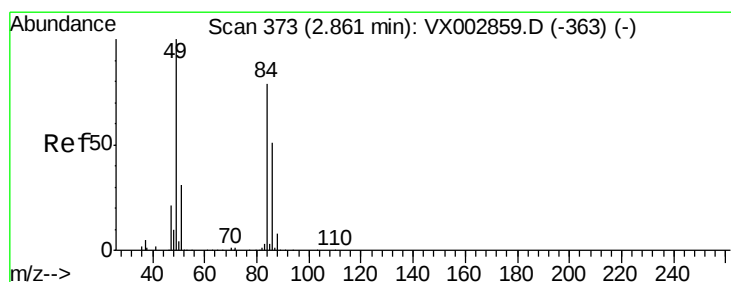
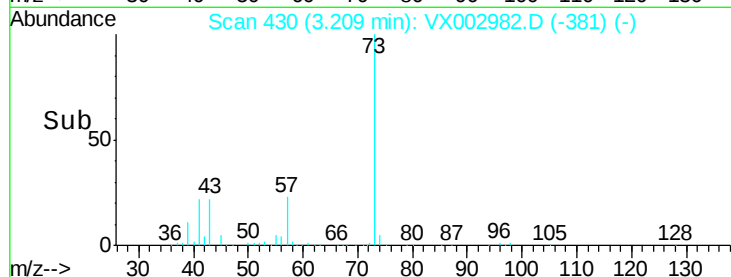
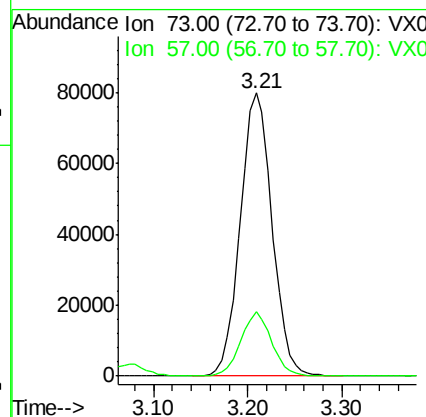
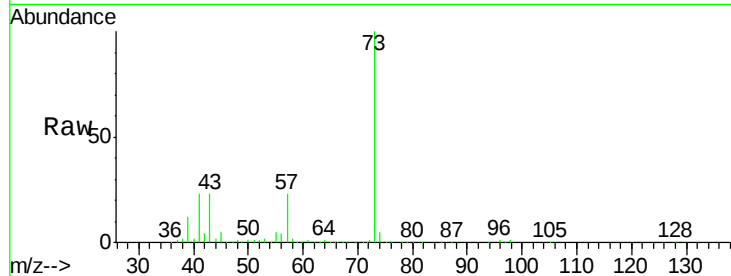
#19  
Methyl tert-butyl Ether  
Concen: 17.39 ug/l  
RT: 3.21 min Scan# 430  
Delta R.T. -0.00 min  
Lab File: VX002982.D  
Acq: 28 Jun 2018 13:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0628WBS01

Tot Ion: 73 Resp: 186978  
Ion Ratio Lower Upper  
73 100  
57 22.9 17.7 26.5

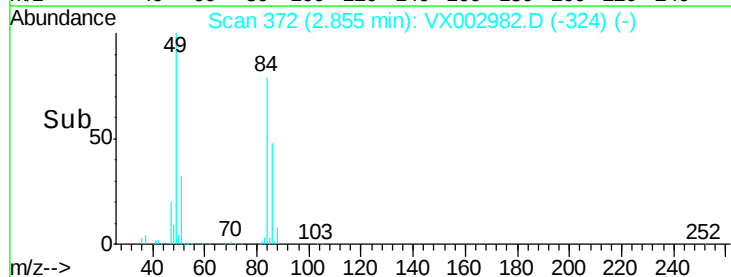
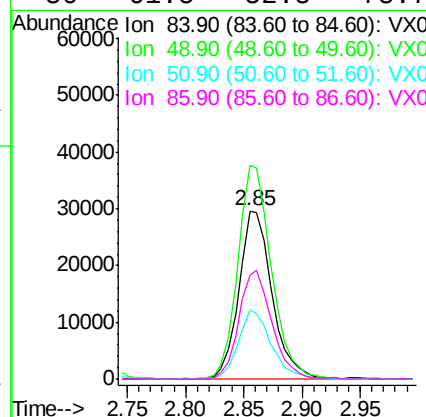
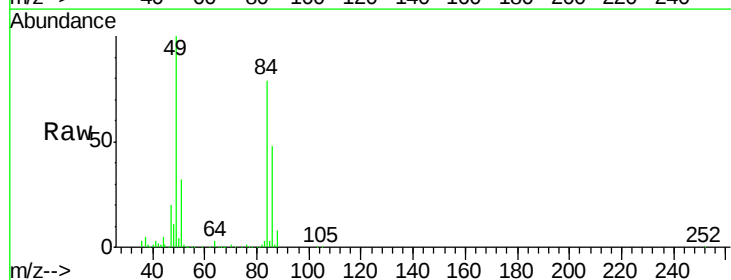
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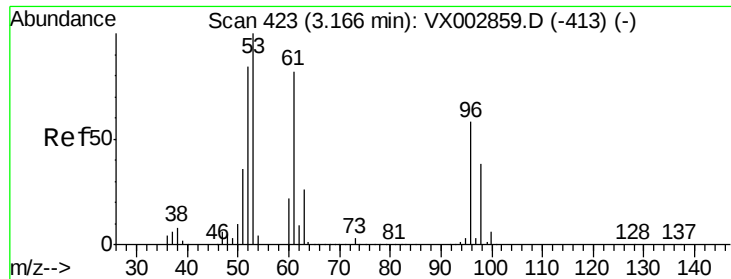
MMDadoda  
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#20  
Methylene Chloride  
Concen: 17.41 ug/l  
RT: 2.85 min Scan# 372  
Delta R.T. -0.01 min  
Lab File: VX002982.D  
Acq: 28 Jun 2018 13:54

Tgt Ion: 84 Resp: 58840  
Ion Ratio Lower Upper  
84 100  
49 126.9 107.8 161.6  
51 41.1 32.8 49.2  
86 61.5 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 17.35 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

Instrument :

MSVOA\_X

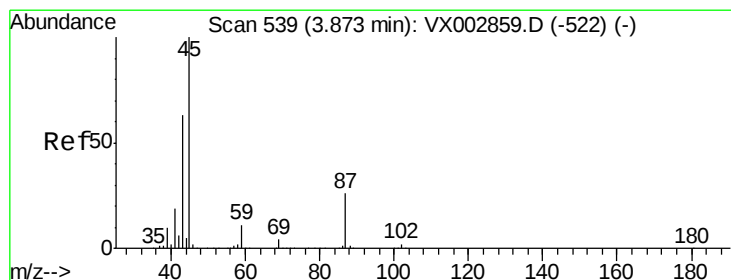
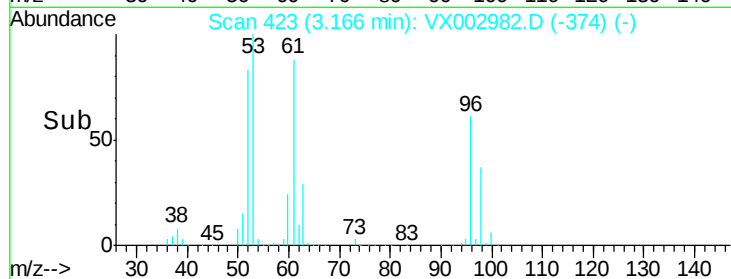
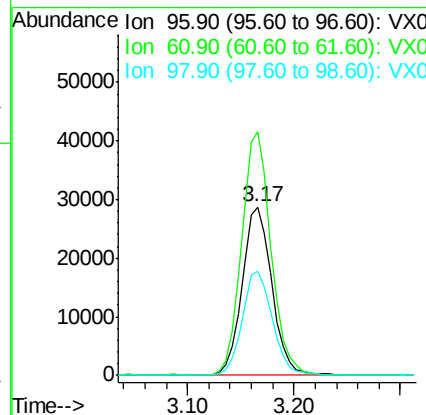
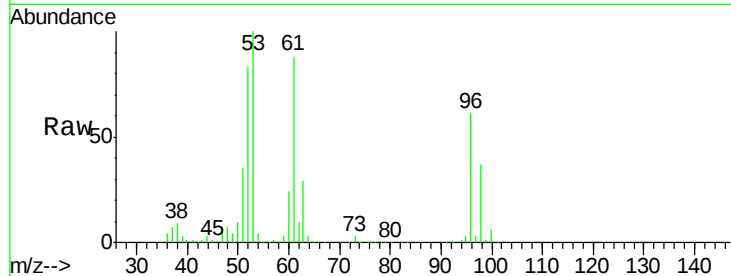
ClientSampleId :

VX0628WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 56525 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 144.4 | 117.0 | 175.4 |
| 98       | 61.7  | 52.4  | 78.6  |

Manual Integrations  
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#22

Diisopropyl ether

Concen: 17.99 ug/l

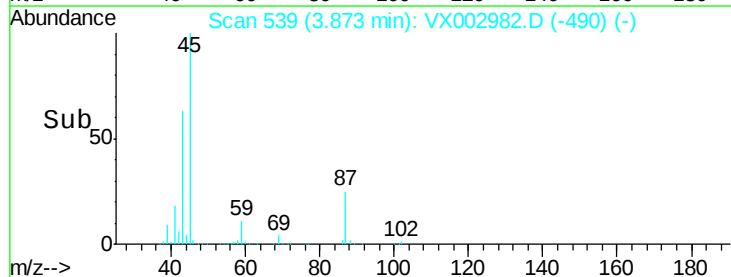
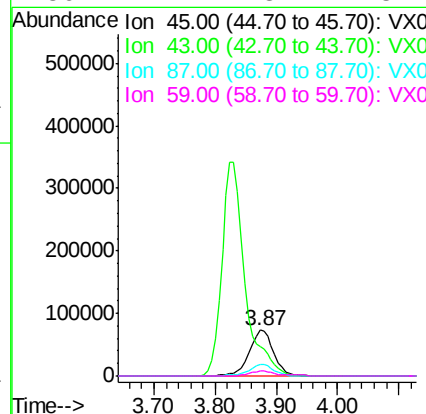
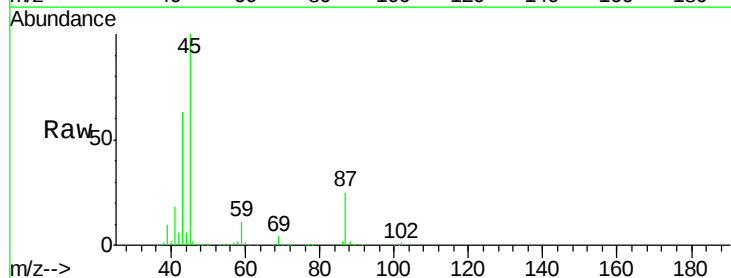
RT: 3.87 min Scan# 539

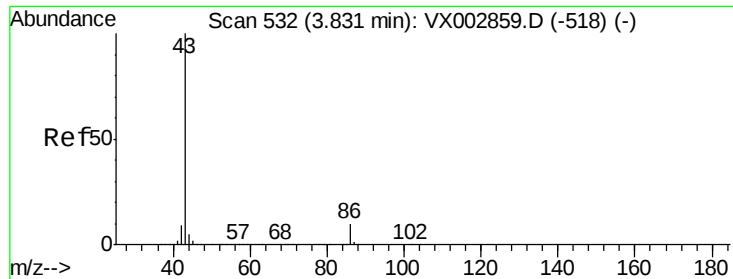
Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 202839 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 63.3  | 46.8  | 70.2   |
| 87       | 25.1  | 20.2  | 30.4   |
| 59       | 11.2  | 8.7   | 13.1   |





#23

Vinyl Acetate

Concen: 94.66 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

Instrument :

MSVOA\_X

ClientSampleId :

VX0628WBS01

Tot Ion: 43 Resp: 903526

Ion Ratio Lower Upper

43 100

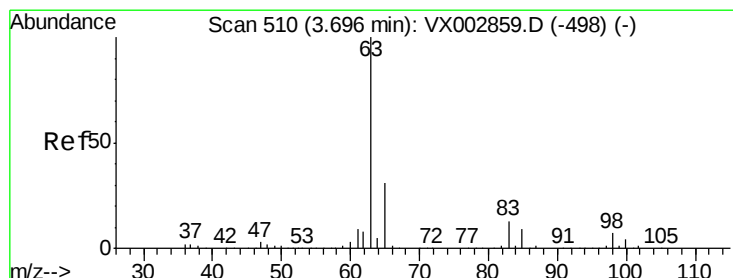
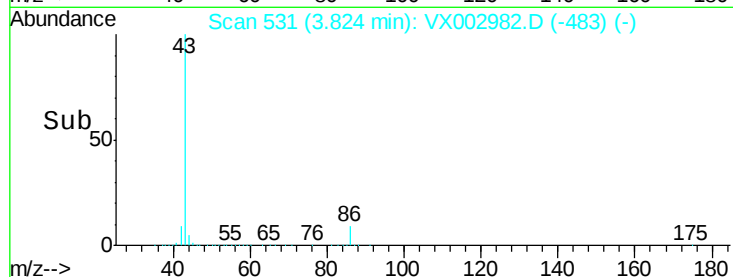
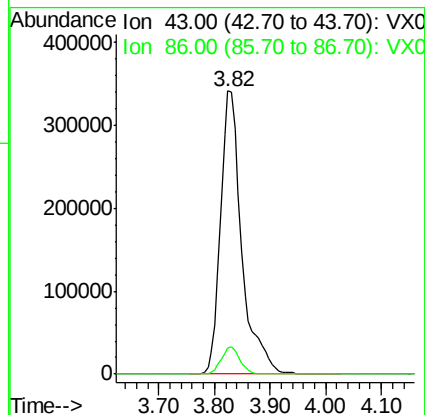
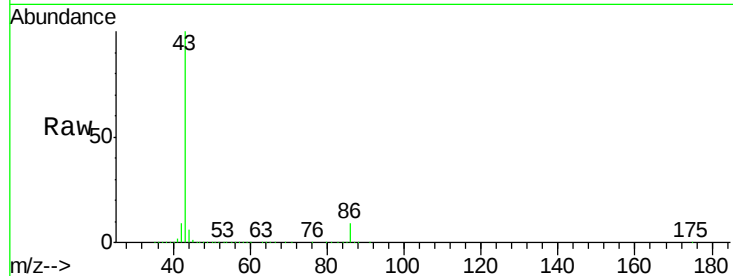
86 9.3 7.4 11.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.11 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

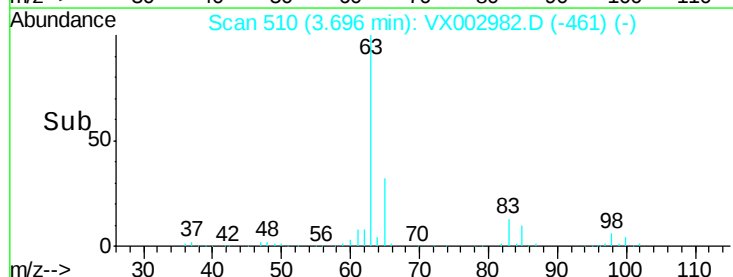
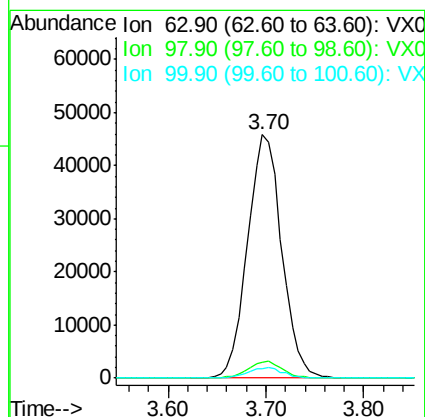
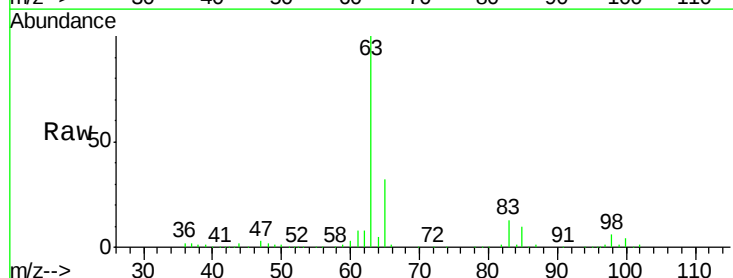
Tgt Ion: 63 Resp: 110987

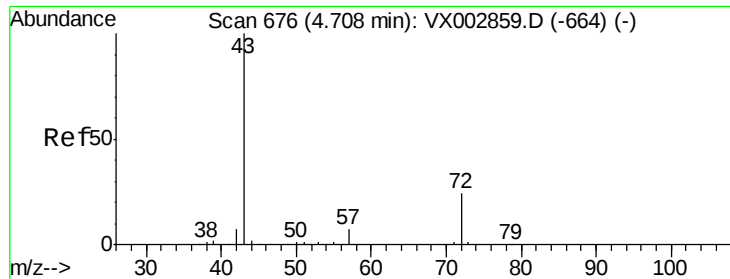
Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.2

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 96.30 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

Instrument :

MSVOA\_X

ClientSampleId :

VX0628WBS01

Tot Ion: 43 Resp: 248168

Ion Ratio Lower Upper

43 100

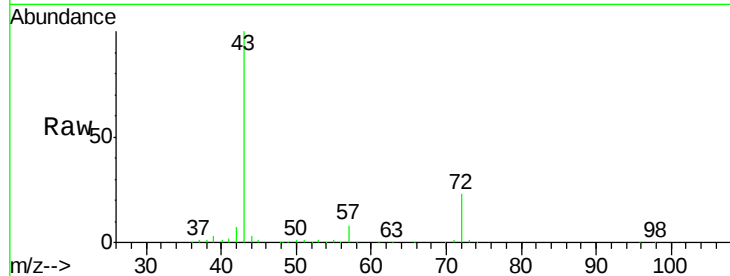
72 22.5 18.5 27.7

Manual Integrations

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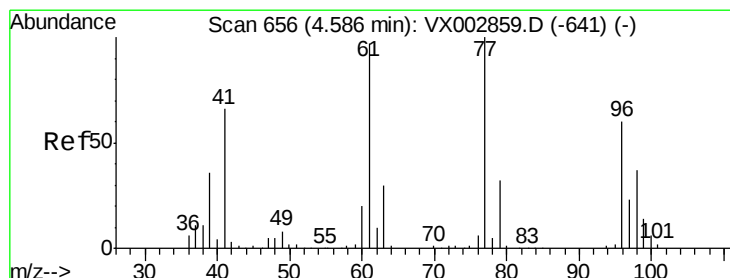
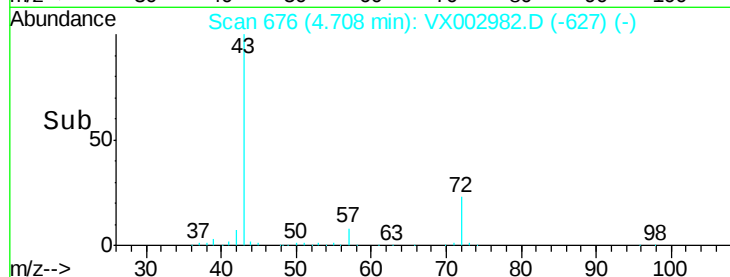
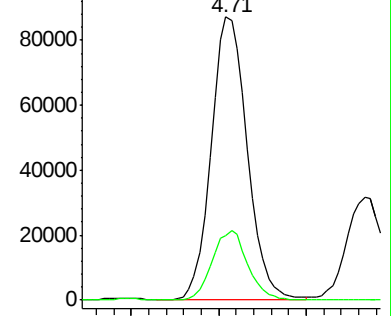
MMDadoda

6/29/2018 12:22:45 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.13 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002982.D

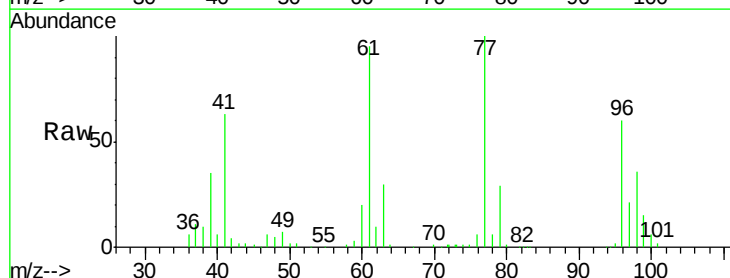
Acq: 28 Jun 2018 13:54

Tgt Ion: 77 Resp: 90302

Ion Ratio Lower Upper

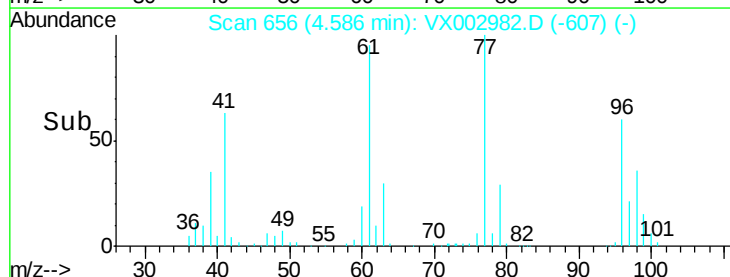
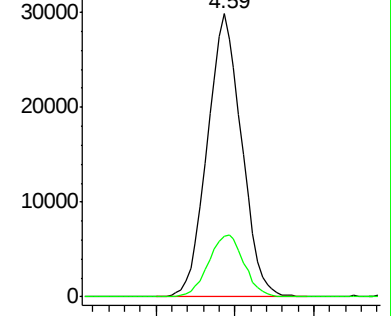
77 100

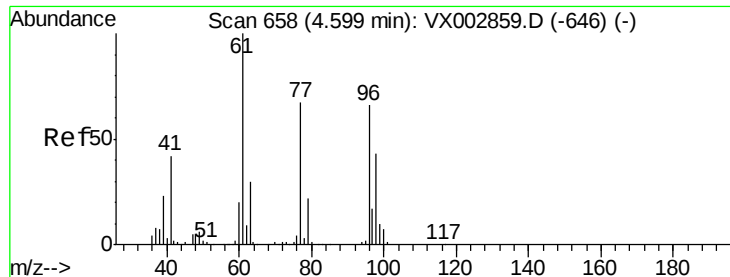
97 22.5 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

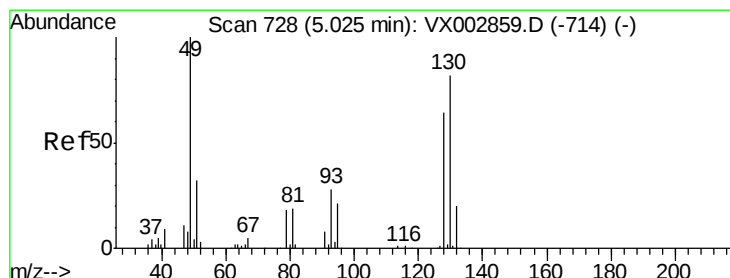
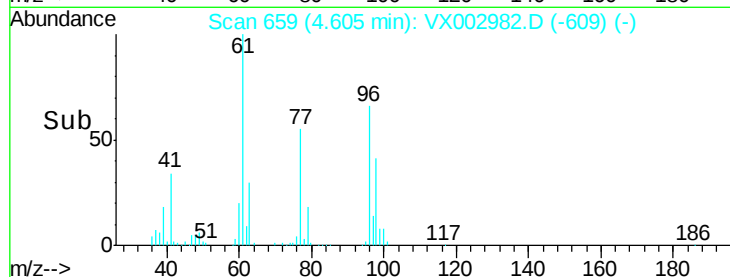
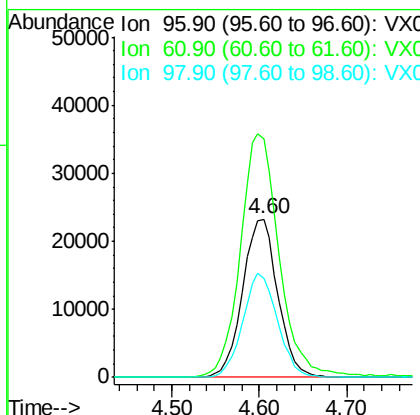
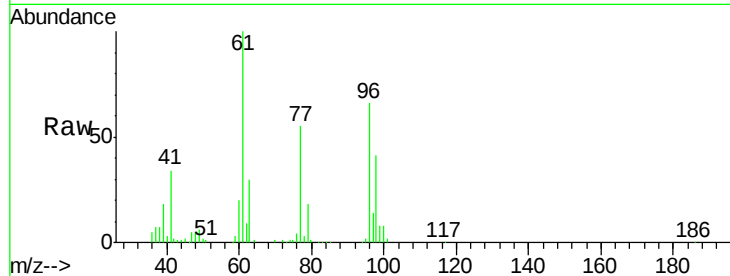
cis-1,2-Dichloroethene  
 Concen: 17.80 ug/l  
 RT: 4.60 min Scan# 659  
 Delta R.T. 0.01 min  
 Lab File: VX002982.D  
 Acq: 28 Jun 2018 13:54

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0628WBS01

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 96      | 100   | 65021 |       |       |
| 61      | 169.3 | 0.0   | 330.2 |       |
| 98      | 64.7  | 0.0   | 130.2 |       |

Manual Integrations  
 APPROVED

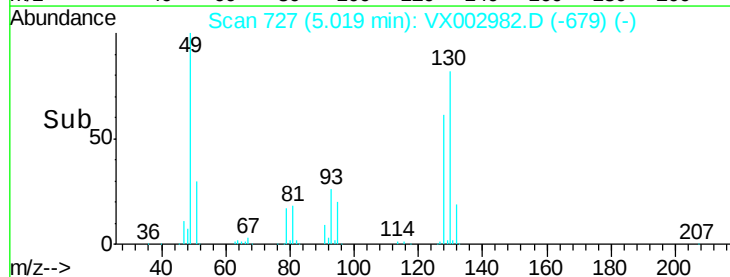
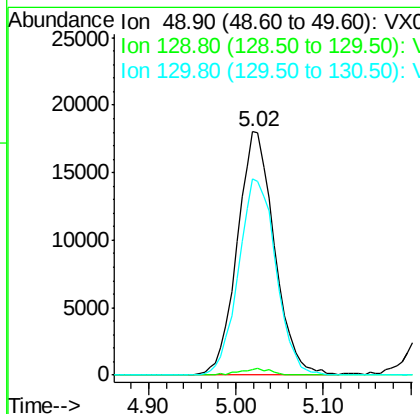
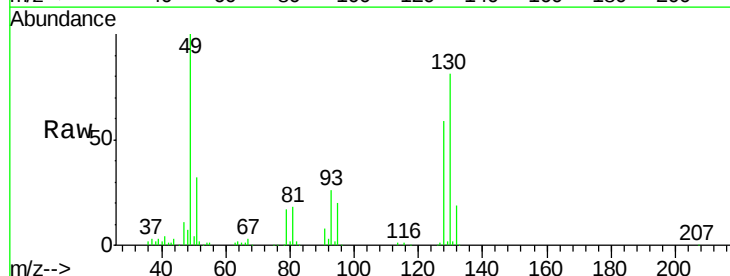
MMDadoda  
 6/29/2018 12:22:45 PM

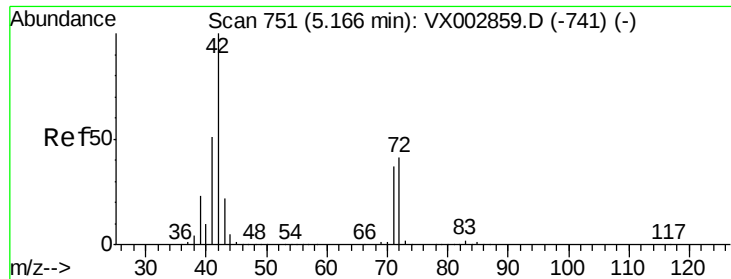


#28

Bromochloromethane  
 Concen: 18.12 ug/l  
 RT: 5.02 min Scan# 727  
 Delta R.T. -0.01 min  
 Lab File: VX002982.D  
 Acq: 28 Jun 2018 13:54

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 49      | 100   | 53137 |       |       |
| 129     | 2.2   | 0.0   | 4.2   |       |
| 130     | 81.3  | 61.2  | 91.8  |       |





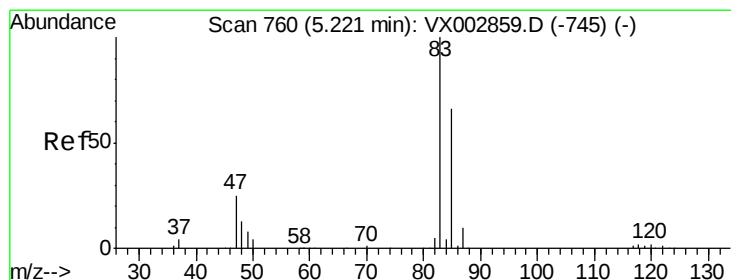
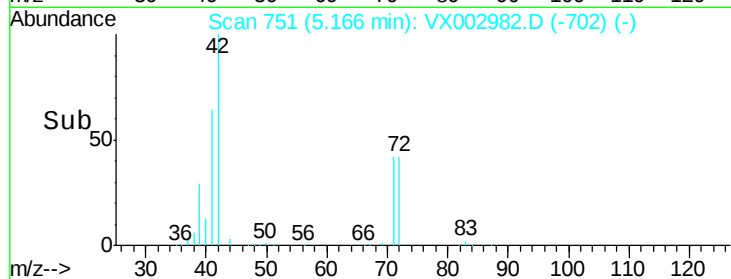
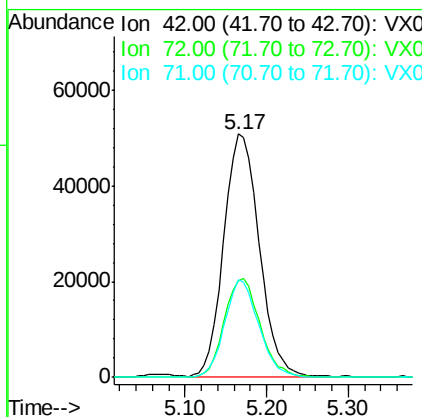
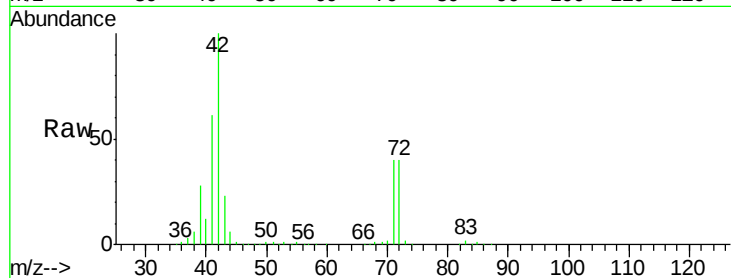
#29  
Tetrahydrofuran  
Concen: 92.62 ug/l  
RT: 5.17 min Scan# 751  
Delta R.T. -0.00 min  
Lab File: VX002982.D  
Acq: 28 Jun 2018 13:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0628WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 41.4  | 32.0  | 48.0  |
| 71      | 38.7  | 30.1  | 45.1  |

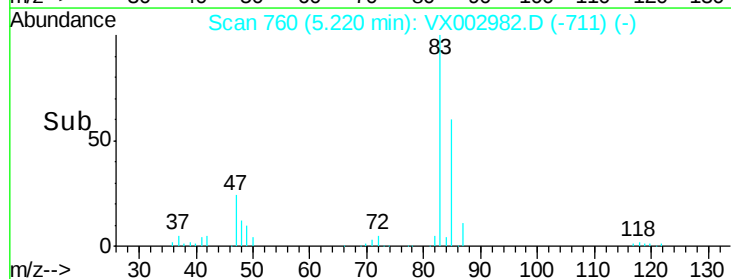
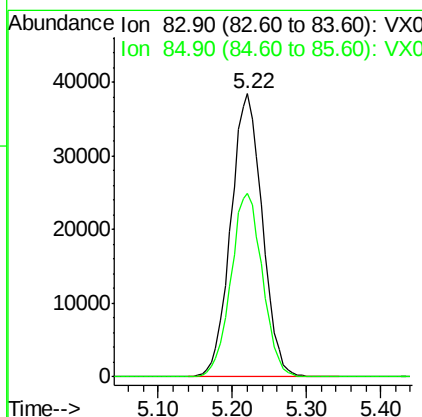
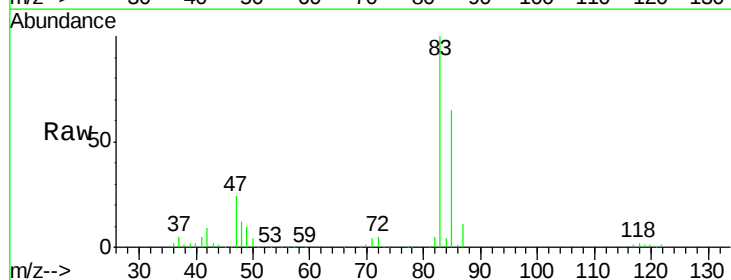
Manual Integrations  
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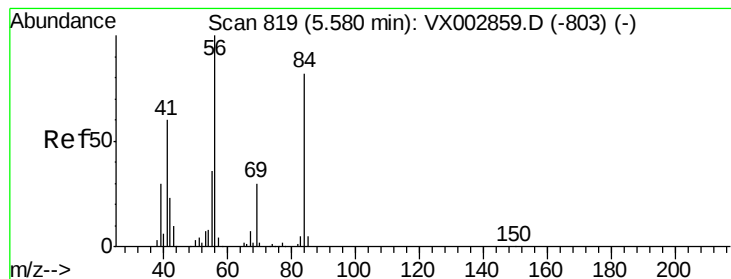
MMDadoda  
6/29/2018 12:22:45 PM



#30  
Chloroform  
Concen: 18.11 ug/l  
RT: 5.22 min Scan# 760  
Delta R.T. -0.00 min  
Lab File: VX002982.D  
Acq: 28 Jun 2018 13:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.0  | 50.4  | 75.6  |





#31

Cyclohexane

Concen: 18.35 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

Instrument :

MSVOA\_X

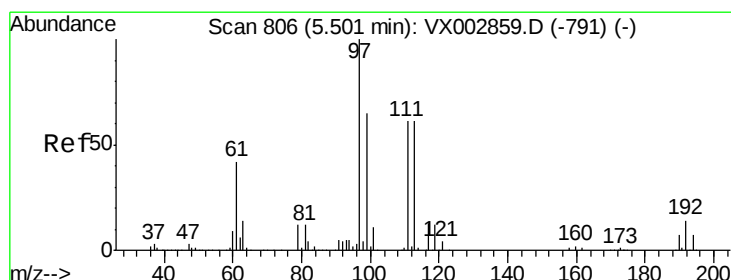
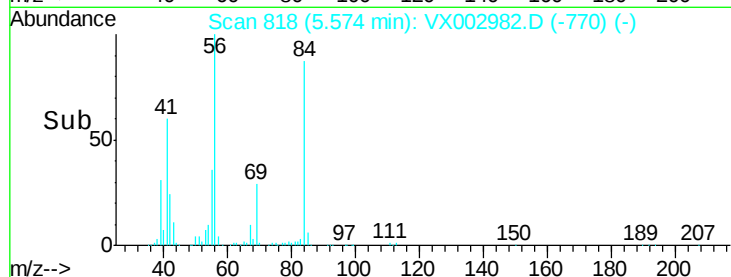
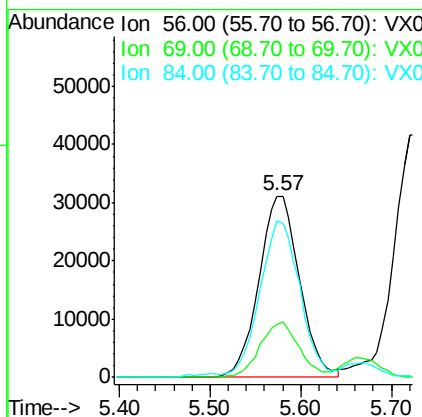
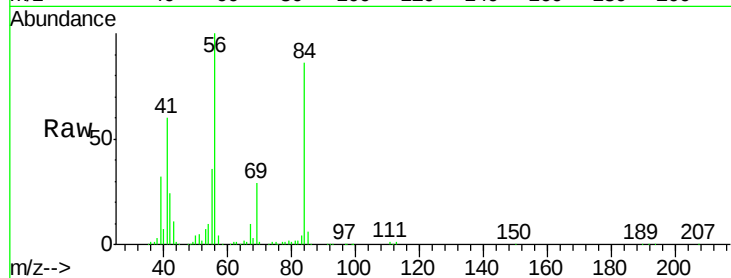
ClientSampleId :

VX0628WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 56    | Resp: | 96509 |
| Ion Ratio | Lower | Upper |       |
| 56        | 100   |       |       |
| 69        | 29.1  | 23.7  | 35.5  |
| 84        | 85.2  | 64.1  | 96.1  |

Manual Integrations  
APPROVED

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6/29/2018 12:22:45 PM



#32

1,1,1-Trichloroethane

Concen: 18.16 ug/l

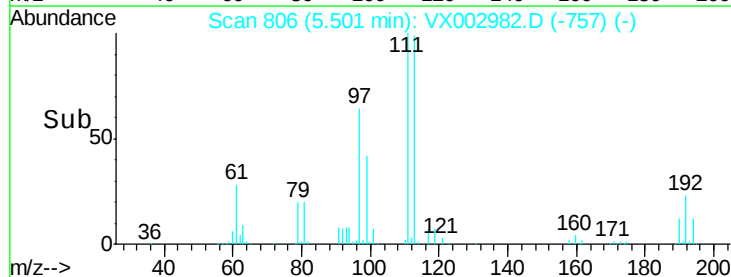
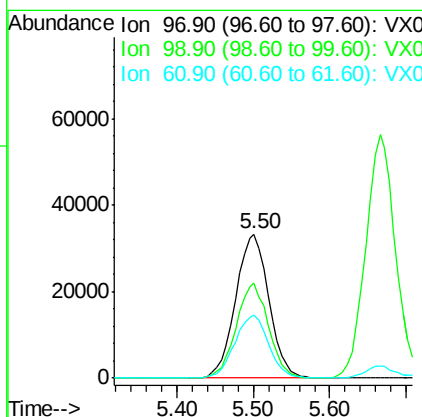
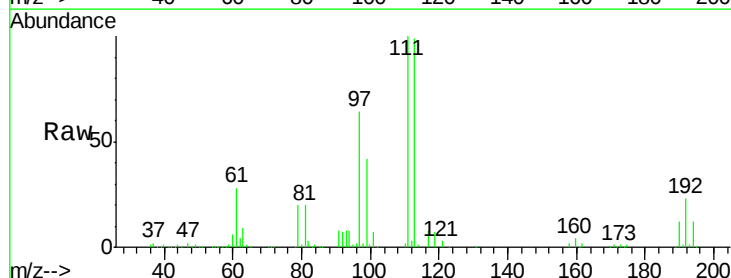
RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 97    | Resp: | 100492 |
| Ion Ratio | Lower | Upper |        |
| 97        | 100   |       |        |
| 99        | 64.3  | 51.6  | 77.4   |
| 61        | 44.6  | 36.4  | 54.6   |





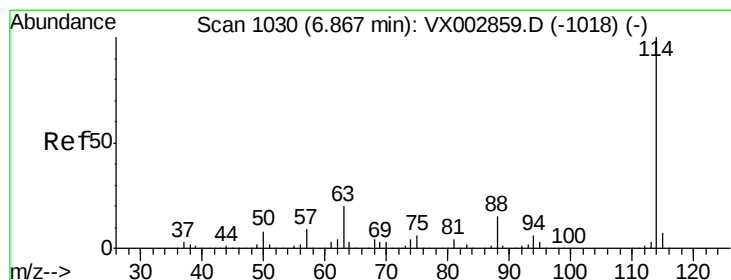
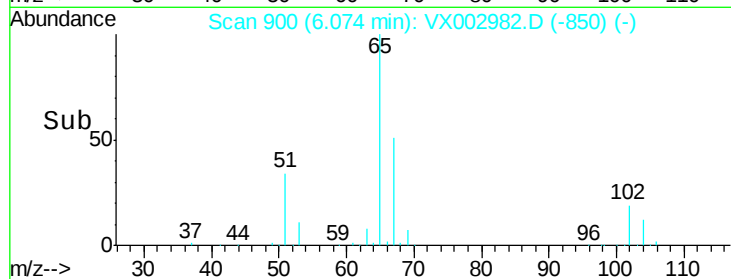
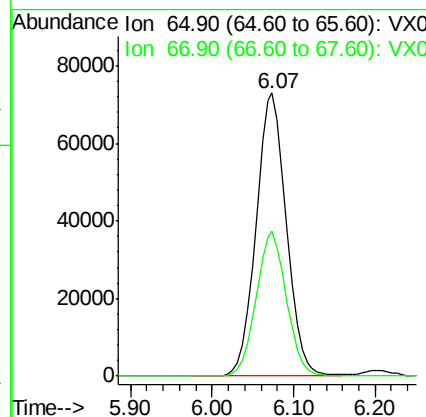
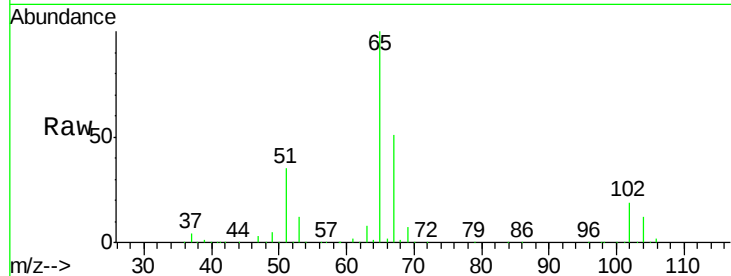
#33  
 1,2-Dichloroethane-d4  
 Concen: 44.96 ug/l  
 RT: 6.07 min Scan# 900  
 Delta R.T. 0.01 min  
 Lab File: VX002982.D  
 Acq: 28 Jun 2018 13:54

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0628WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 188525 |       |       |
| 67      | 51.2  | 0.0    | 102.6 |       |

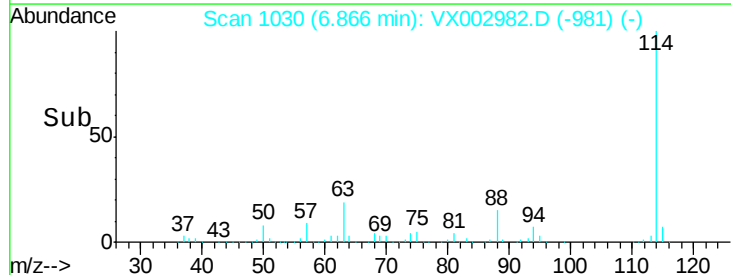
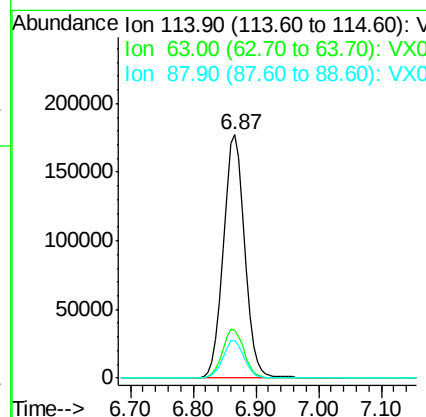
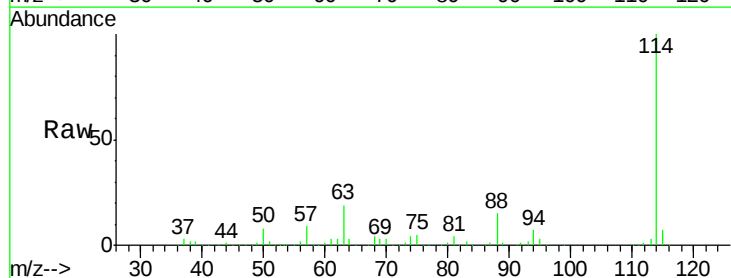
Manual Integrations  
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 6/29/2018 12:22:45 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.87 min Scan# 1030  
 Delta R.T. -0.00 min  
 Lab File: VX002982.D  
 Acq: 28 Jun 2018 13:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 418392 |       |       |
| 63      | 19.5  | 0.0    | 41.4  |       |
| 88      | 15.2  | 0.0    | 30.0  |       |





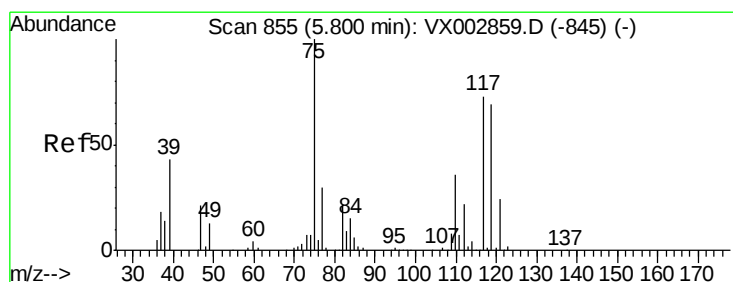
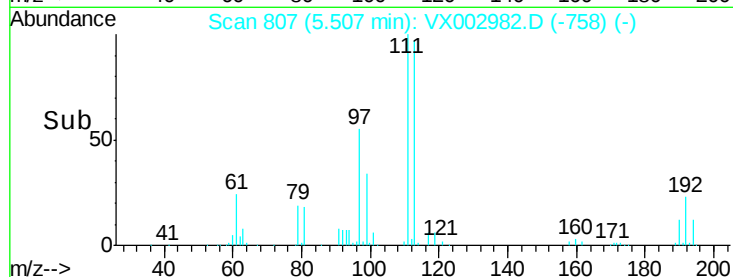
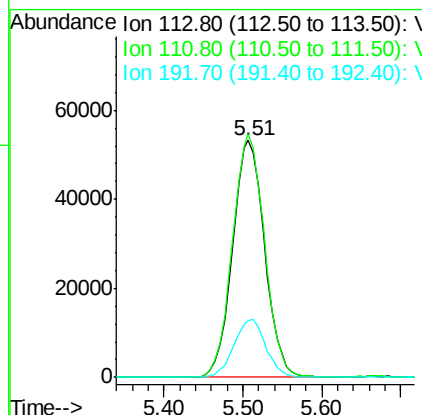
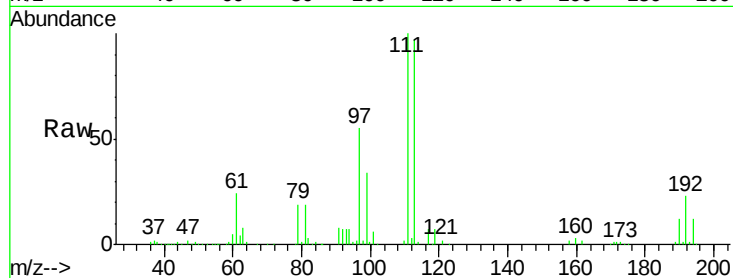
#35  
Dibromofluoromethane  
Concen: 45.37 ug/l  
RT: 5.51 min Scan# 807  
Delta R.T. -0.00 min  
Lab File: VX002982.D  
Acq: 28 Jun 2018 13:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0628WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 150319 |       |       |
| 111     | 102.8 | 81.4   | 122.0 |       |
| 192     | 24.4  | 19.1   | 28.7  |       |

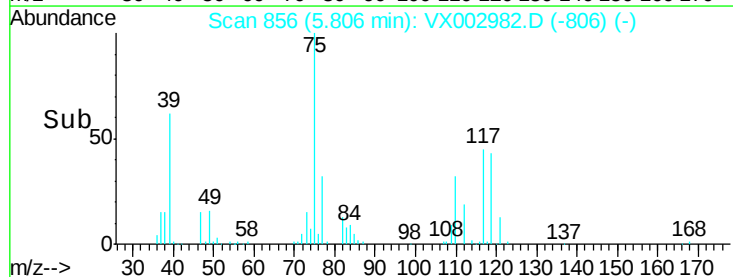
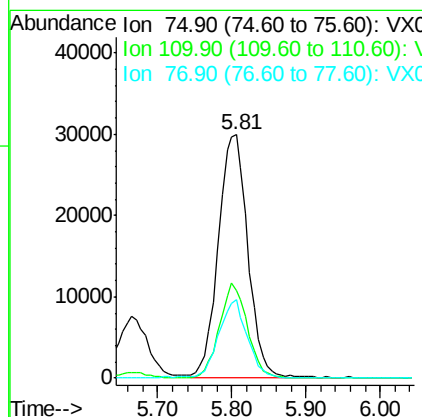
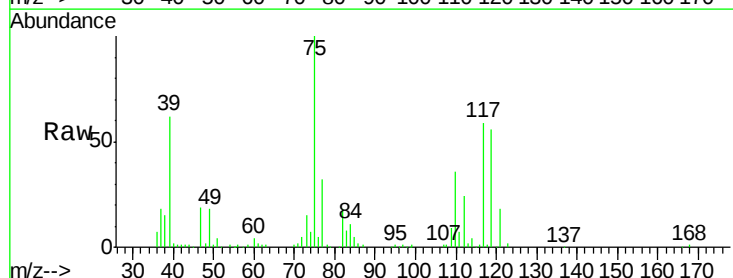
Manual Integrations  
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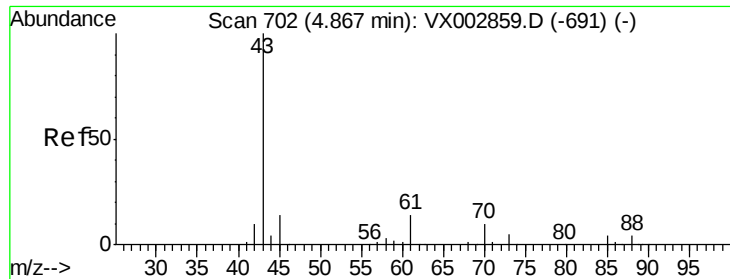
MMDadoda  
6/29/2018 12:22:45 PM



#36  
1,1-Dichloropropene  
Concen: 17.85 ug/l  
RT: 5.81 min Scan# 856  
Delta R.T. 0.01 min  
Lab File: VX002982.D  
Acq: 28 Jun 2018 13:54

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 81919 |       |       |
| 110     | 37.2  | 18.1  | 54.4  |       |
| 77      | 30.7  | 24.3  | 36.5  |       |





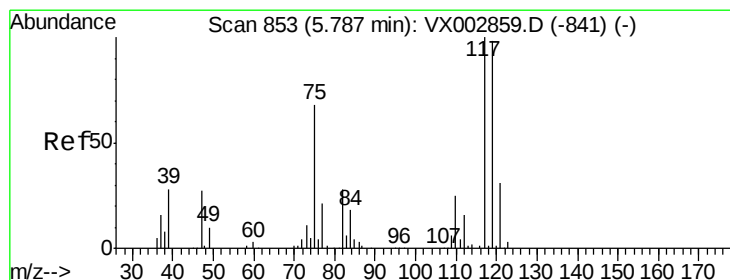
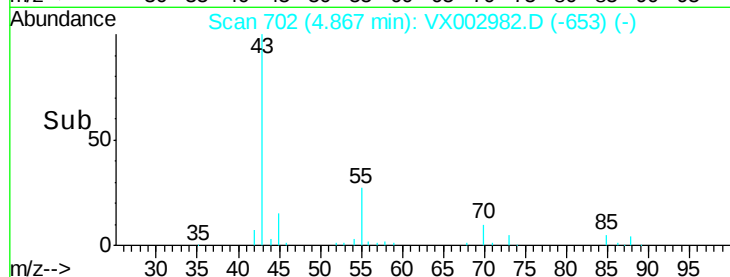
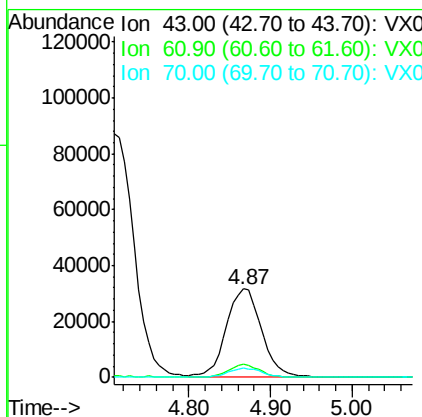
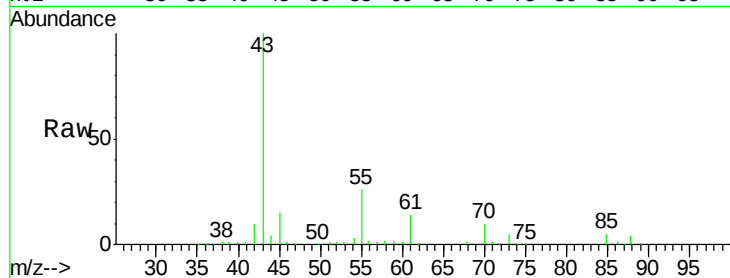
#37  
Ethyl Acetate  
Concen: 18.92 ug/l  
RT: 4.87 min Scan# 702  
Delta R.T. -0.00 min  
Lab File: VX002982.D  
Acq: 28 Jun 2018 13:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0628WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 13.6  | 10.4  | 15.6  |
| 70      | 9.9   | 7.6   | 11.4  |

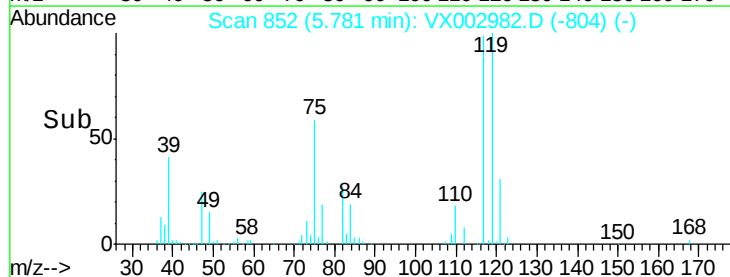
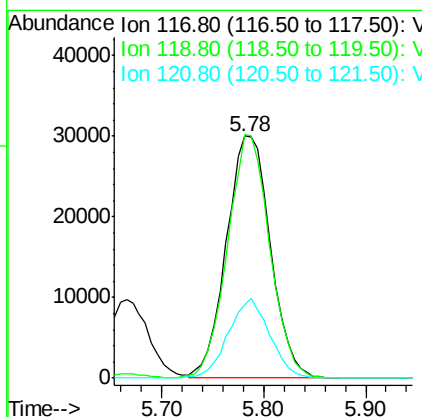
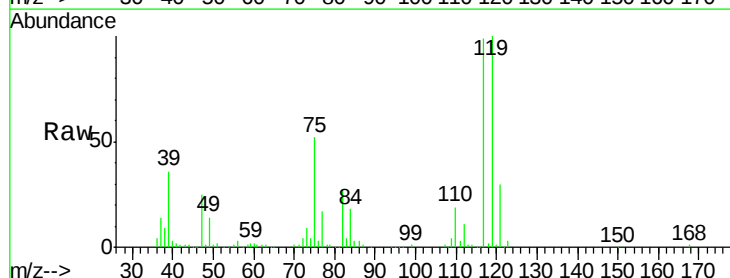
Manual Integrations  
APPROVED

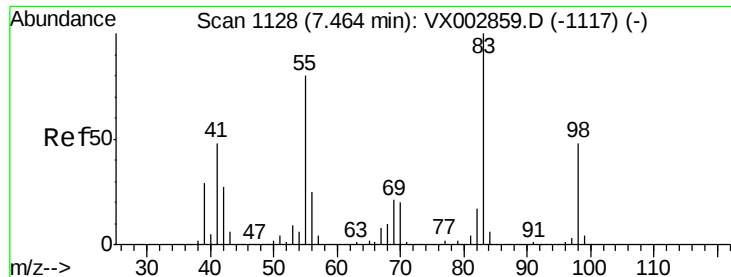
MMDadoda  
6/29/2018 12:22:45 PM



#38  
Carbon Tetrachloride  
Concen: 17.77 ug/l  
RT: 5.78 min Scan# 852  
Delta R.T. -0.01 min  
Lab File: VX002982.D  
Acq: 28 Jun 2018 13:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 100.7 | 77.4  | 116.0 |
| 121     | 30.6  | 24.4  | 36.6  |





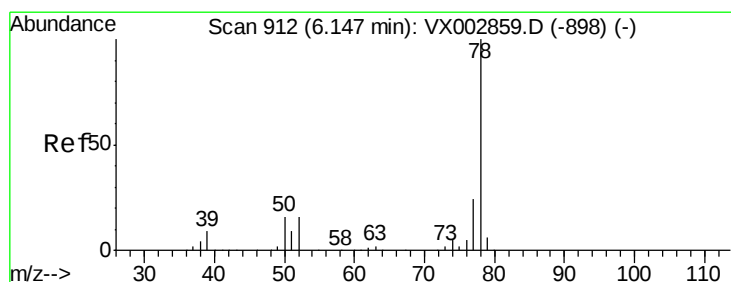
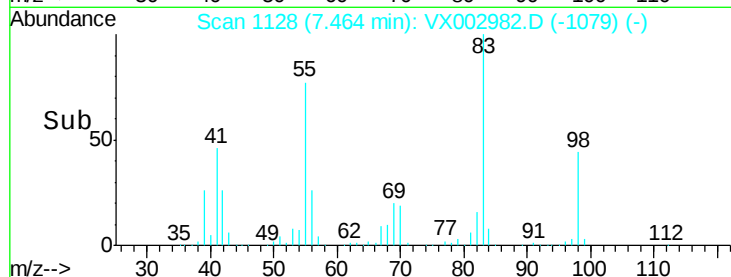
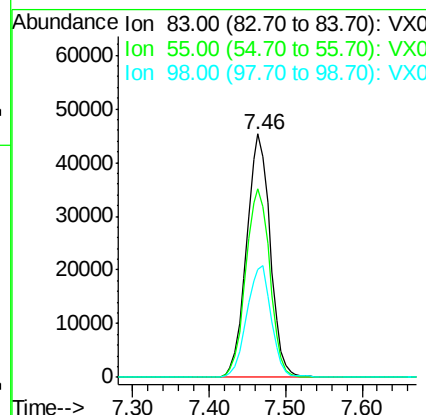
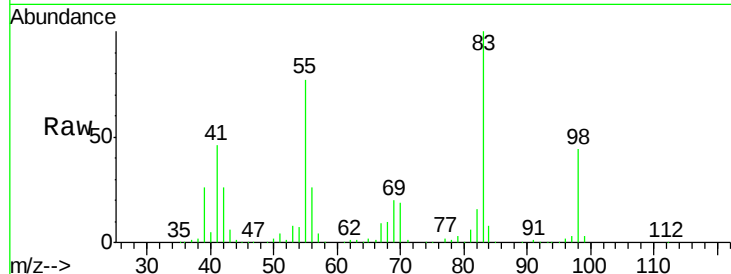
#39  
Methvlcvclohexane  
Concen: 18.18 ug/l  
RT: 7.46 min Scan# 1128  
Delta R.T. -0.00 min  
Lab File: VX002982.D  
Acq: 28 Jun 2018 13:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0628WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 77.4  | 65.4  | 98.0  |
| 98      | 44.4  | 37.4  | 56.0  |

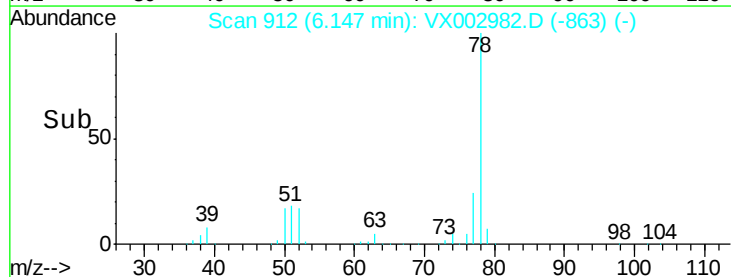
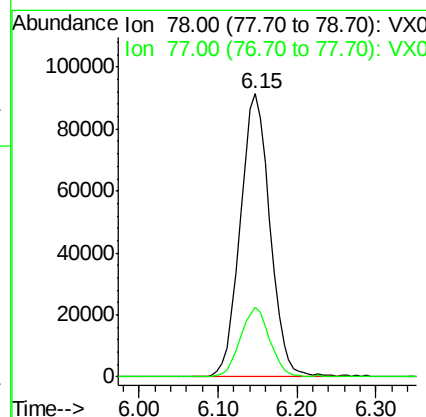
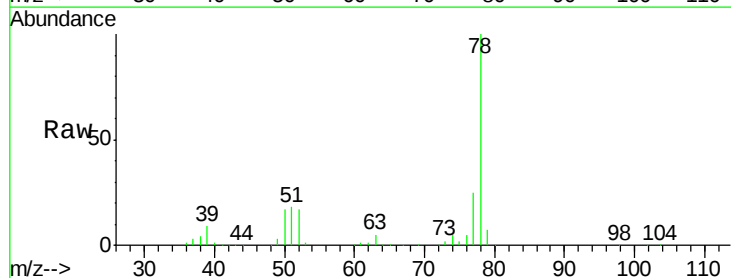
Manual Integrations  
APPROVED

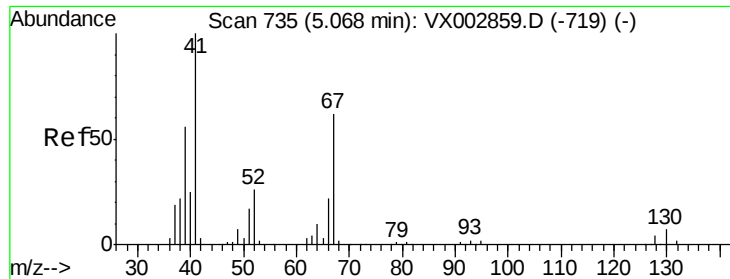
MMDadoda  
6/29/2018 12:22:45 PM



#40  
Benzene  
Concen: 18.00 ug/l  
RT: 6.15 min Scan# 912  
Delta R.T. -0.00 min  
Lab File: VX002982.D  
Acq: 28 Jun 2018 13:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 24.5  | 19.1  | 28.7  |





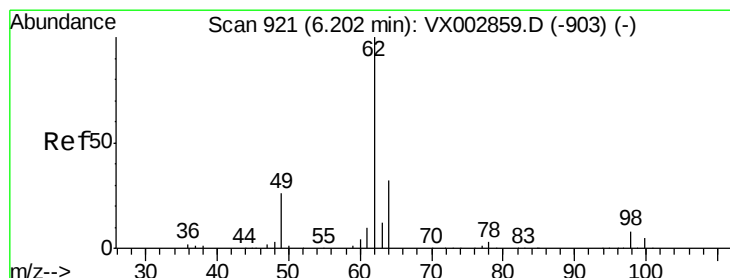
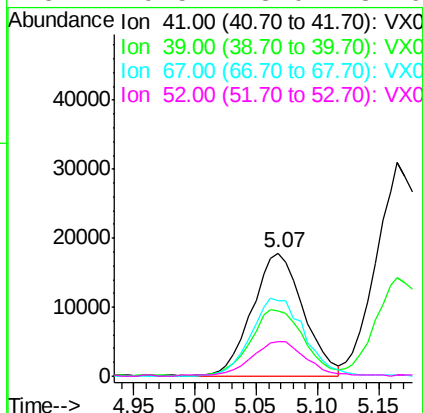
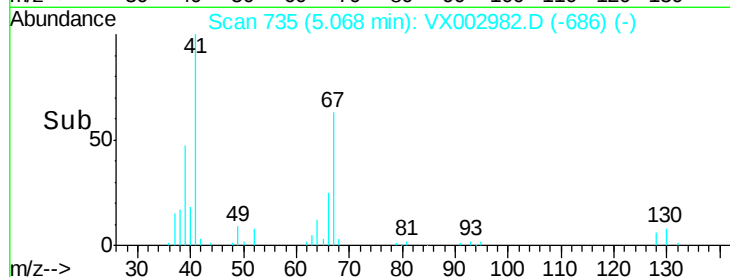
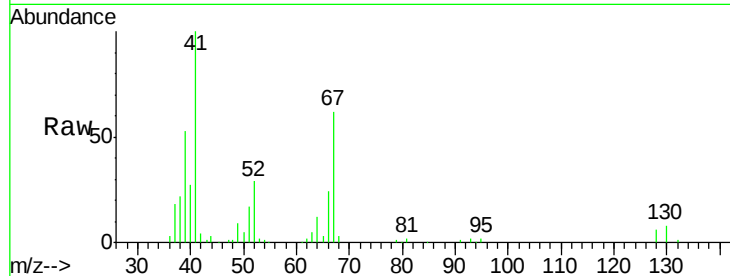
#41  
Methacrylonitrile  
Concen: 18.12 ug/l  
RT: 5.07 min Scan# 735  
Delta R.T. -0.00 min  
Lab File: VX002982.D  
Acq: 28 Jun 2018 13:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0628WBS01

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 57.8 | 45.8  | 68.6  |       |
| 67      | 67.5 | 51.3  | 76.9  |       |
| 52      | 29.5 | 23.0  | 34.6  |       |

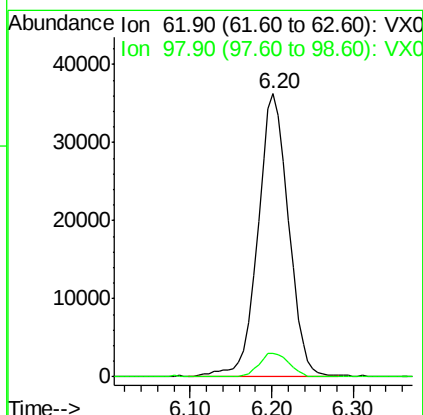
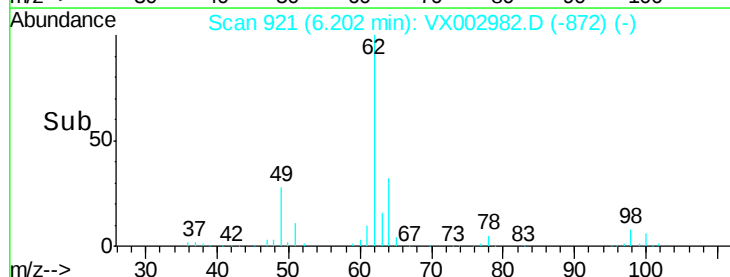
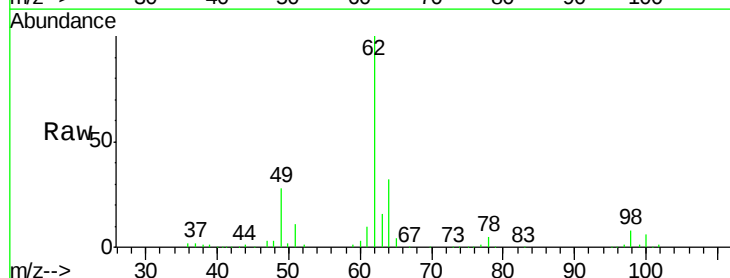
Manual Integrations  
APPROVED

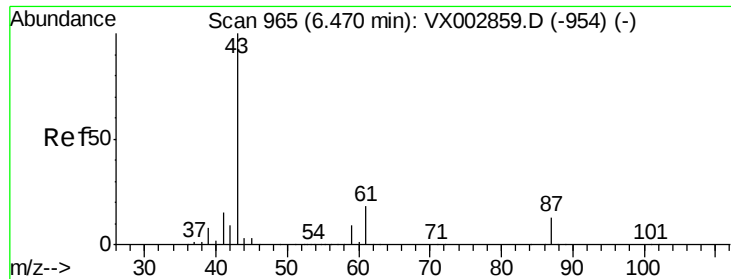
MMDadoda  
6/29/2018 12:22:45 PM



#42  
1,2-Dichloroethane  
Concen: 17.55 ug/l  
RT: 6.20 min Scan# 921  
Delta R.T. -0.00 min  
Lab File: VX002982.D  
Acq: 28 Jun 2018 13:54

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 62      | 100 |       |       |       |
| 98      | 8.5 | 0.0   | 16.6  |       |





#43

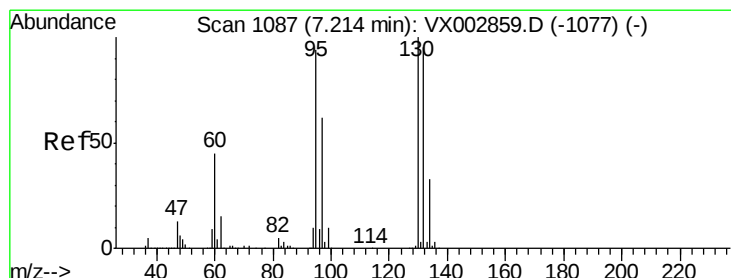
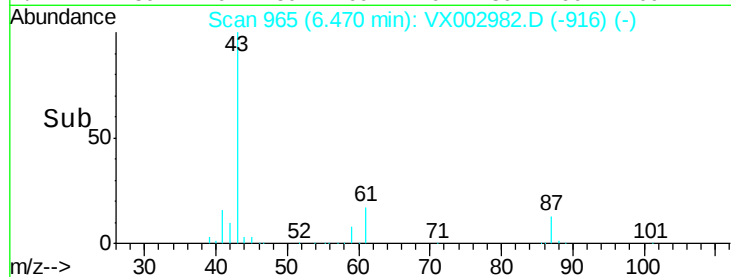
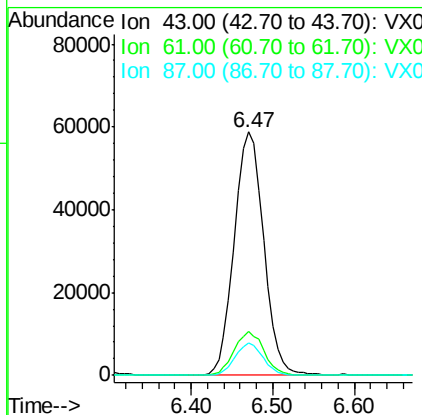
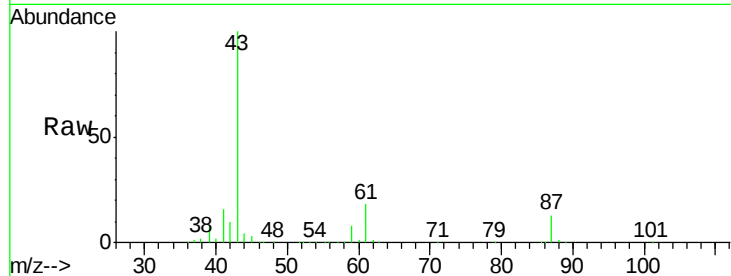
Isopropyl Acetate  
 Concen: 17.68 ug/l  
 RT: 6.47 min Scan# 965  
 Delta R.T. -0.00 min  
 Lab File: VX002982.D  
 Acq: 28 Jun 2018 13:54

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0628WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 18.4  | 14.4  | 21.6  |
| 87      | 12.8  | 9.5   | 14.3  |

Manual Integrations  
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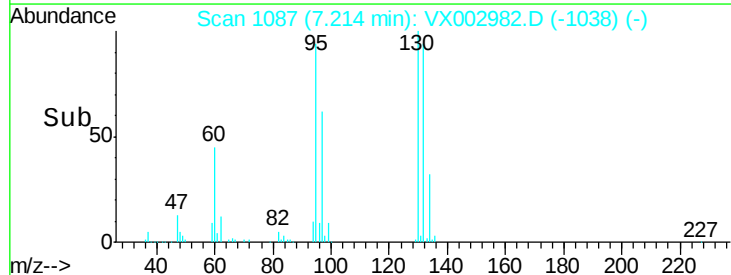
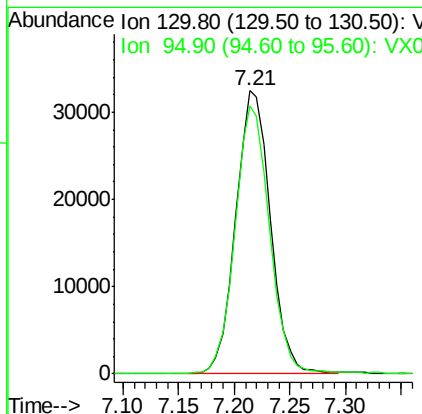
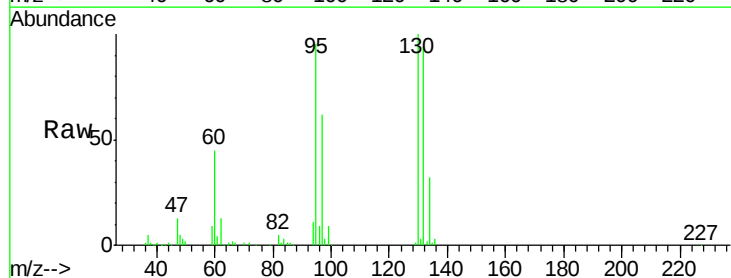
MMDadoda  
 6/29/2018 12:22:45 PM



#44

Trichloroethene  
 Concen: 17.64 ug/l  
 RT: 7.21 min Scan# 1087  
 Delta R.T. -0.00 min  
 Lab File: VX002982.D  
 Acq: 28 Jun 2018 13:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 94.7  | 0.0   | 185.4 |





#45

1,2-Dichloropropane

Concen: 17.86 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

Instrument :

MSVOA\_X

ClientSampleId :

VX0628WBS01

Tot Ion: 63 Resp: 63144

Ion Ratio Lower Upper

63 100

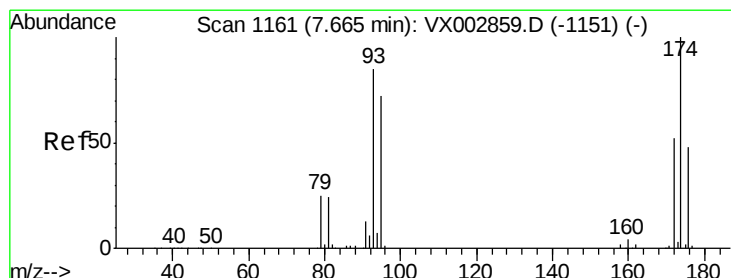
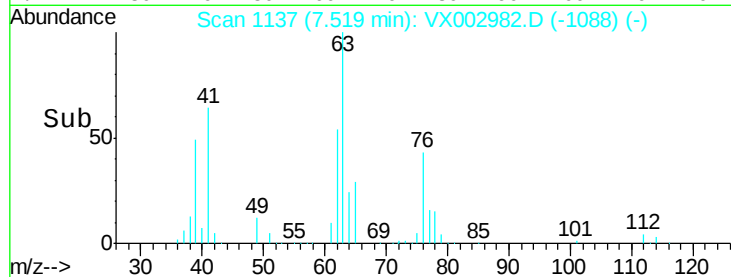
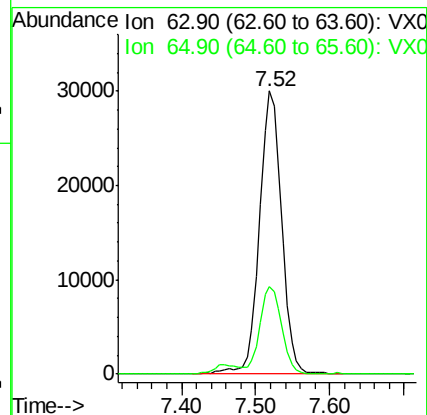
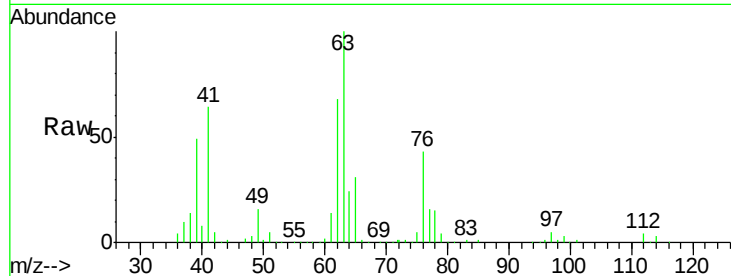
65 30.8 24.7 37.1

Manual Integrations

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MMDadoda

6/29/2018 12:22:45 PM



#46

Dibromomethane

Concen: 17.82 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

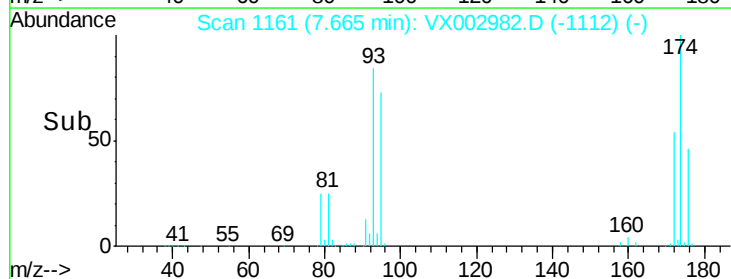
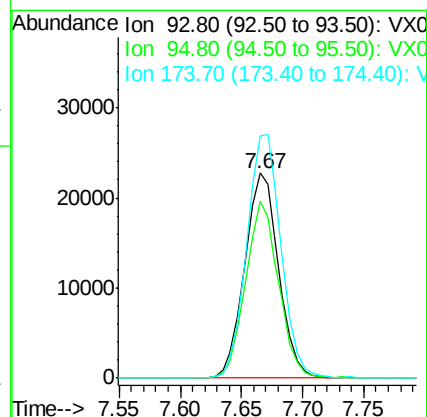
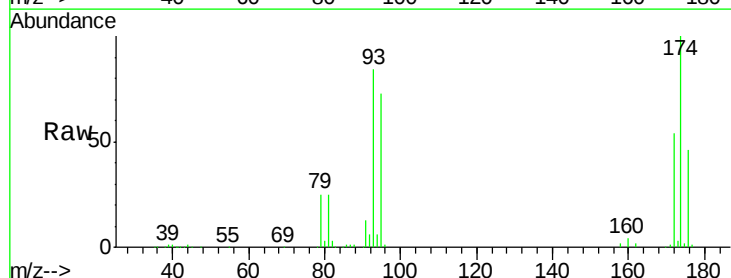
Tgt Ion: 93 Resp: 43743

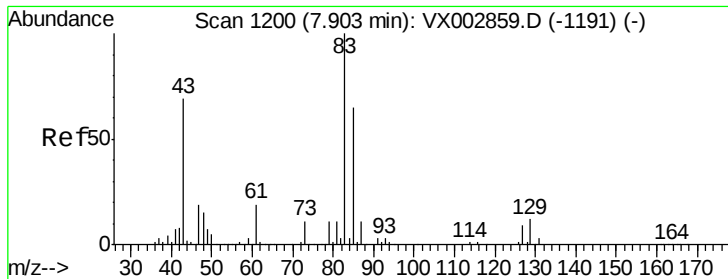
Ion Ratio Lower Upper

93 100

95 83.8 65.9 98.9

174 120.8 92.4 138.6





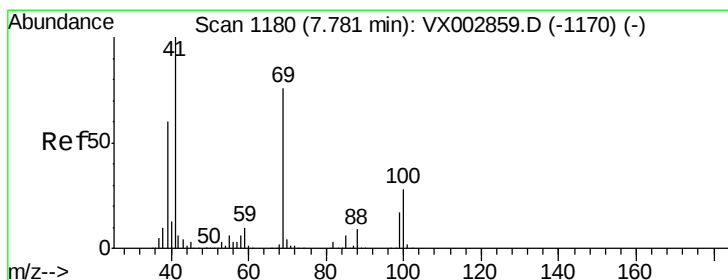
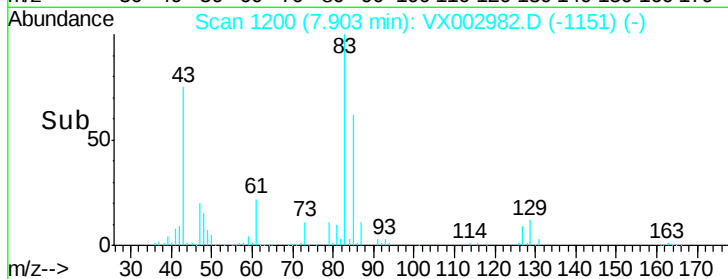
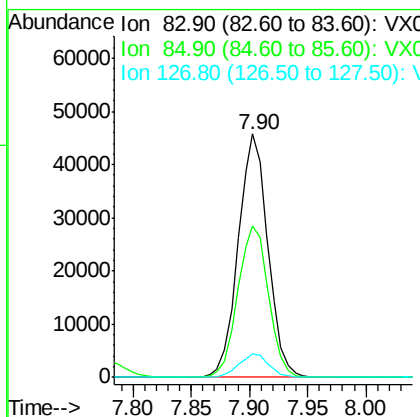
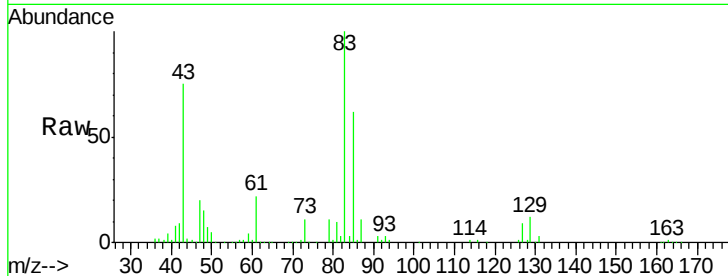
#47  
 Bromodichloromethane  
 Concen: 17.95 ug/l  
 RT: 7.90 min Scan# 1200  
 Delta R.T. -0.00 min  
 Lab File: VX002982.D  
 Acq: 28 Jun 2018 13:54

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0628WBS01

| Tot Ion   | 83    | Resp  | 81429 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 85        | 62.2  | 50.3  | 75.5  |
| 127       | 9.4   | 7.0   | 10.4  |

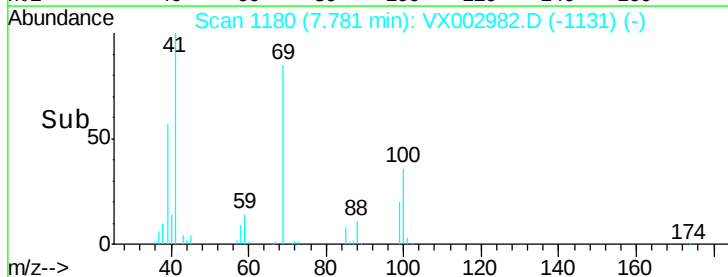
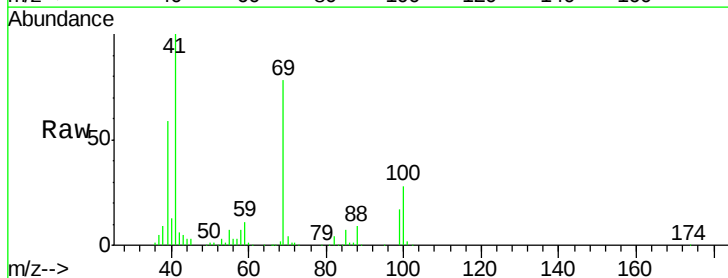
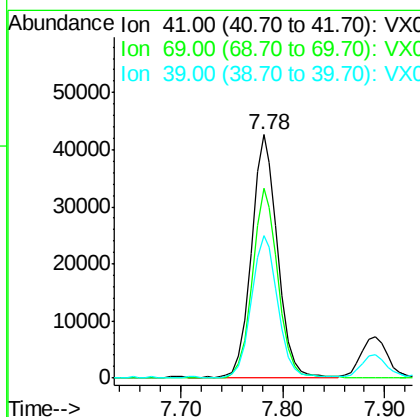
Manual Integrations  
 APPROVED

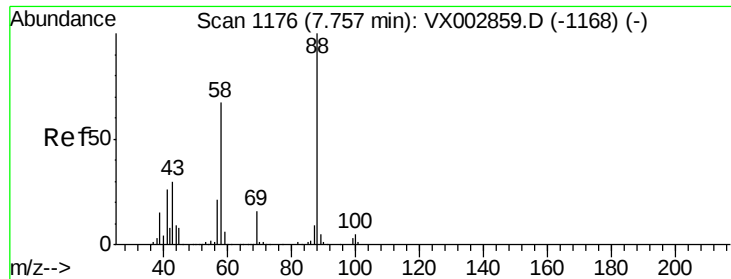
MMDadoda  
 6/29/2018 12:22:45 PM



#48  
 Methyl methacrylate  
 Concen: 17.66 ug/l  
 RT: 7.78 min Scan# 1180  
 Delta R.T. -0.00 min  
 Lab File: VX002982.D  
 Acq: 28 Jun 2018 13:54

| Tgt Ion   | 41    | Resp  | 75405 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 69        | 77.5  | 59.1  | 88.7  |
| 39        | 59.2  | 48.9  | 73.3  |





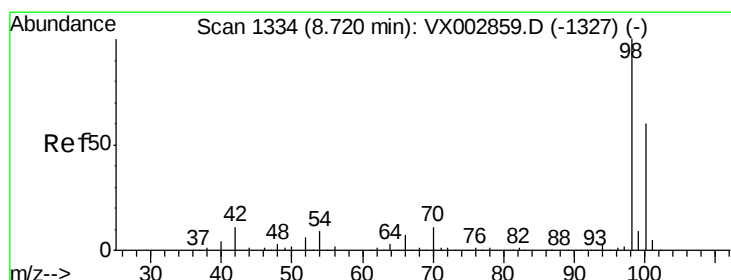
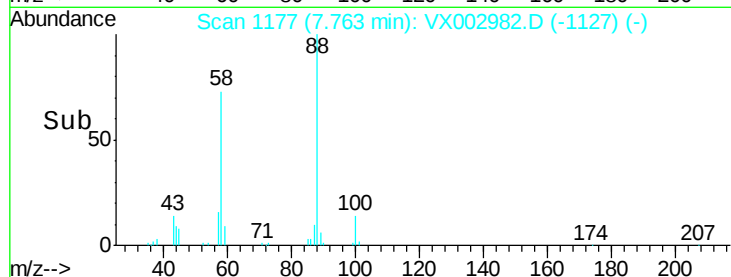
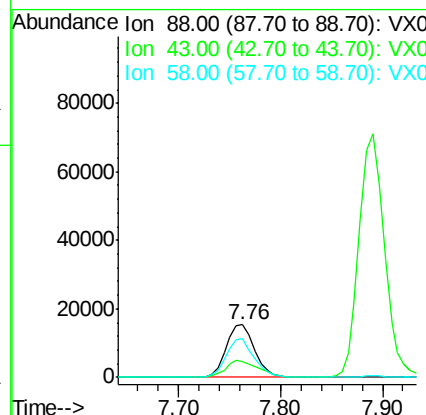
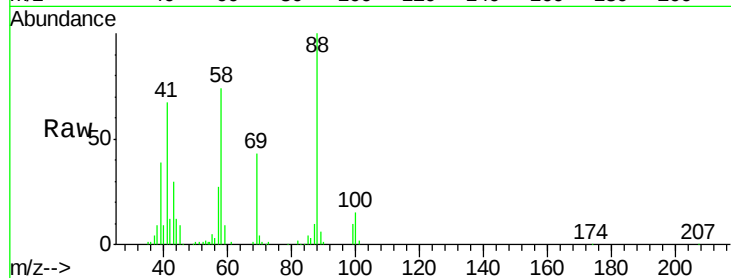
#49  
1,4-Dioxane  
Concen: 358.69 ug/l  
RT: 7.76 min Scan# 1177  
Delta R.T. 0.01 min  
Lab File: VX002982.D  
Acq: 28 Jun 2018 13:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0628WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 35.4  | 29.8  | 44.6  |
| 58      | 71.4  | 57.1  | 85.7  |

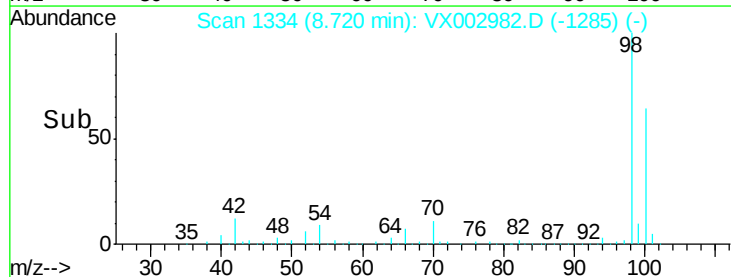
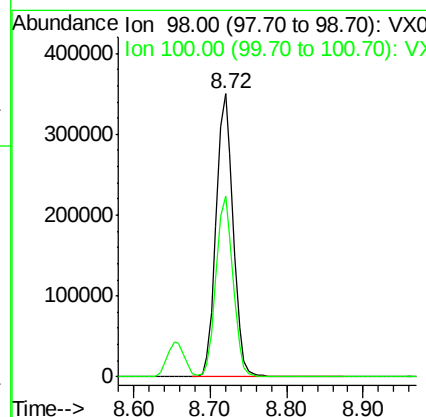
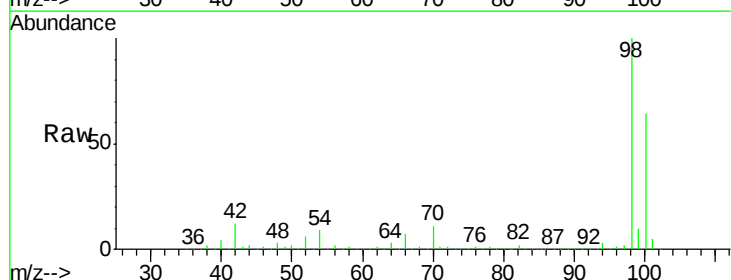
Manual Integrations  
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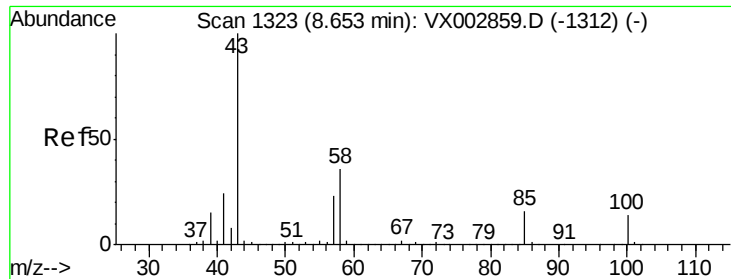
MMDadoda  
6/29/2018 12:22:45 PM



#50  
Toluene-d8  
Concen: 44.63 ug/l  
RT: 8.72 min Scan# 1334  
Delta R.T. 0.00 min  
Lab File: VX002982.D  
Acq: 28 Jun 2018 13:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.1  | 50.9  | 76.3  |





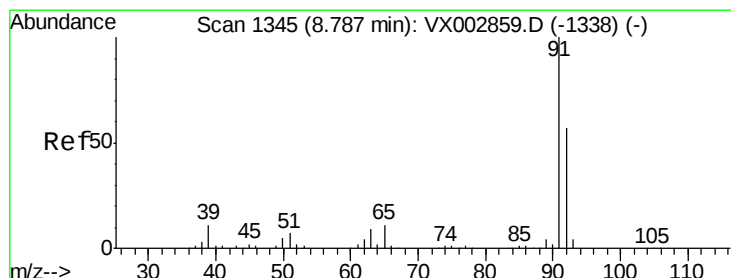
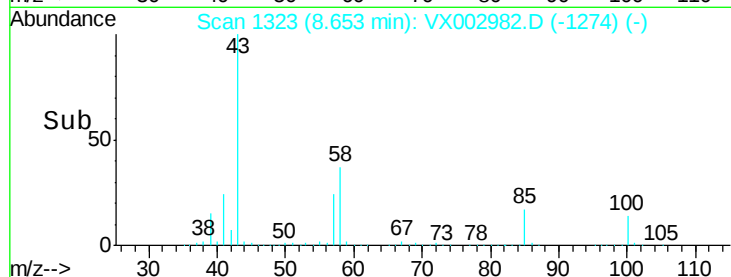
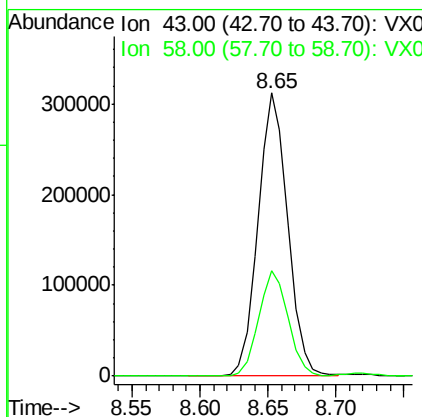
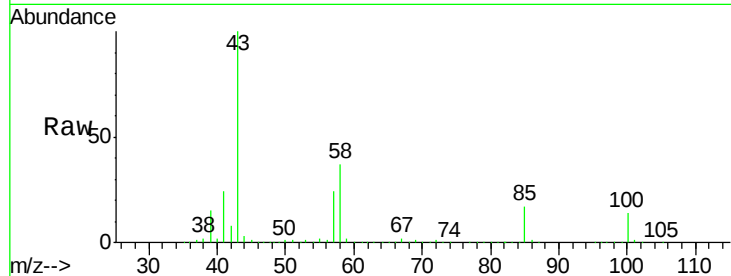
#51  
4-Methyl-2-Pentanone  
Concen: 92.34 ug/l  
RT: 8.65 min Scan# 1323  
Delta R.T. -0.00 min  
Lab File: VX002982.D  
Acq: 28 Jun 2018 13:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0628WBS01

| Tot Ion   | 43   | Resp  | 478669 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 58        | 36.8 | 28.6  | 42.8   |

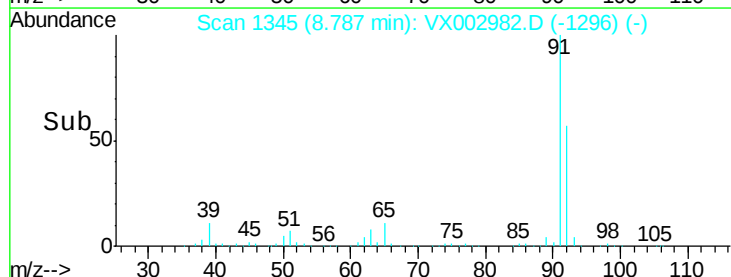
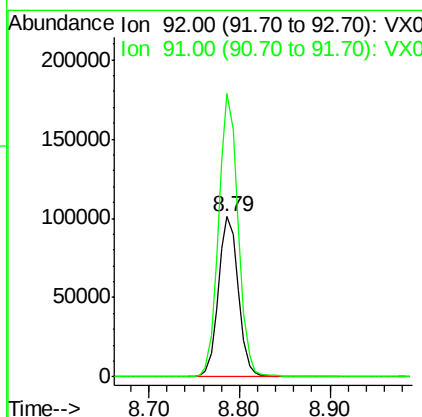
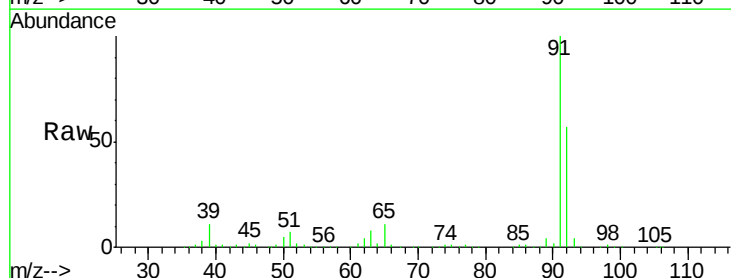
Manual Integrations  
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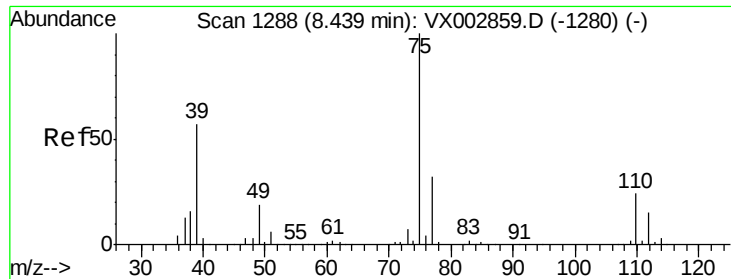
MMDadoda  
6/29/2018 12:22:45 PM



#52  
Toluene  
Concen: 18.25 ug/l  
RT: 8.79 min Scan# 1345  
Delta R.T. -0.00 min  
Lab File: VX002982.D  
Acq: 28 Jun 2018 13:54

| Tgt Ion   | 92    | Resp  | 155883 |
|-----------|-------|-------|--------|
| Ion Ratio | 100   | Lower | Upper  |
| 91        | 173.1 | 140.4 | 210.6  |





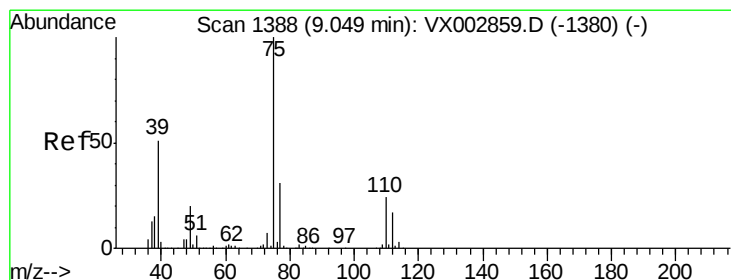
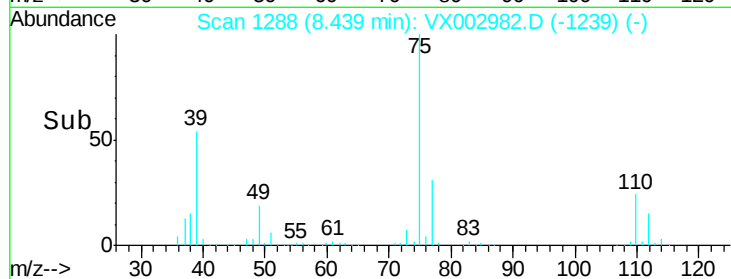
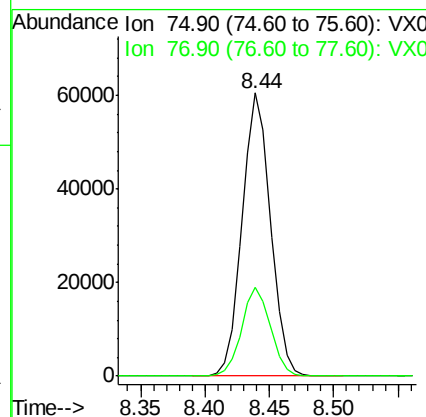
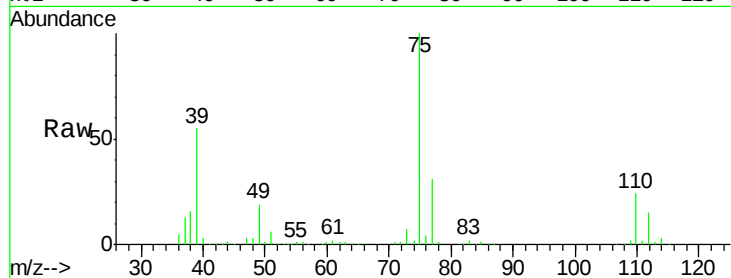
#53  
t-1,3-Dichloropropene  
Concen: 17.99 ug/l  
RT: 8.44 min Scan# 1288  
Delta R.T. -0.00 min  
Lab File: VX002982.D  
Acq: 28 Jun 2018 13:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0628WBS01

Tot Ion: 75 Resp: 92436  
Ion Ratio Lower Upper  
75 100  
77 31.4 25.4 38.2

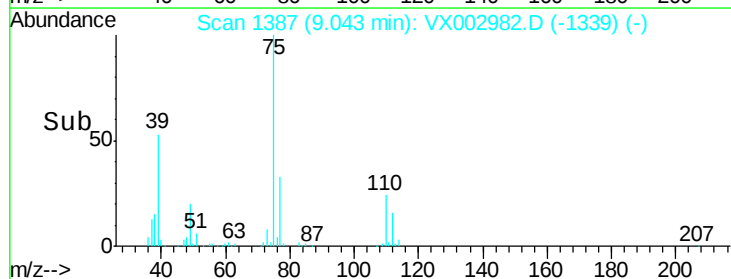
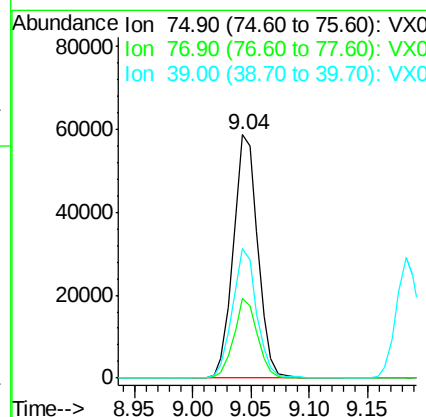
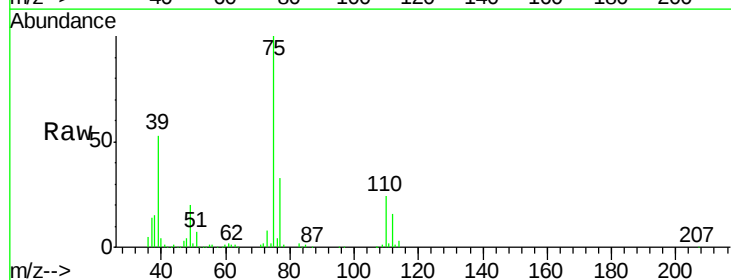
Manual Integrations  
APPROVED

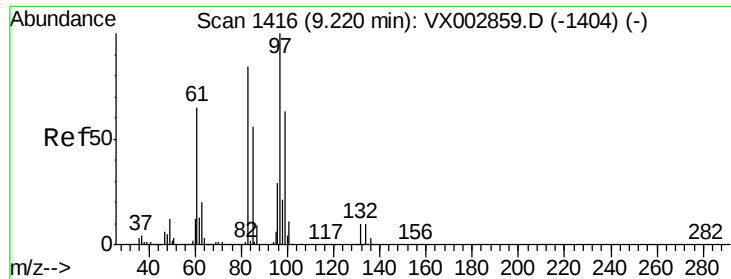
MMDadoda  
6/29/2018 12:22:45 PM



#54  
cis-1,3-Dichloropropene  
Concen: 17.39 ug/l  
RT: 9.04 min Scan# 1387  
Delta R.T. -0.01 min  
Lab File: VX002982.D  
Acq: 28 Jun 2018 13:54

Tgt Ion: 75 Resp: 85993  
Ion Ratio Lower Upper  
75 100  
77 32.6 24.8 37.2  
39 53.1 42.4 63.6





#55

1,1,2-Trichloroethane

Concen: 18.13 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

Instrument :

MSVOA\_X

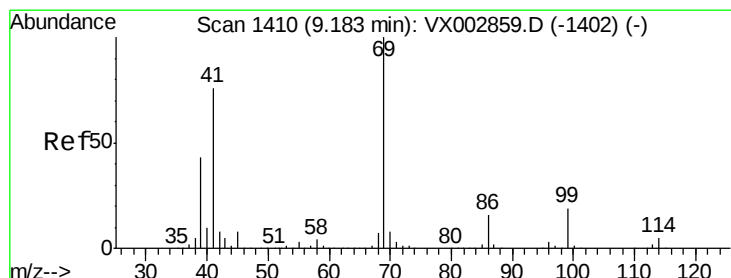
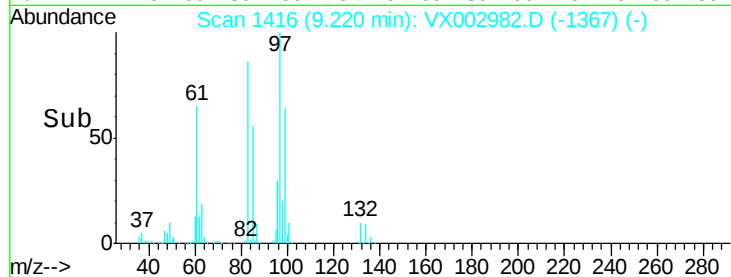
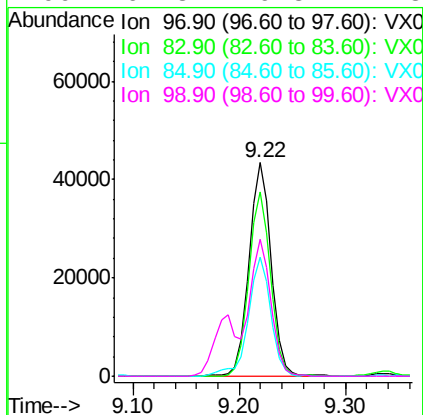
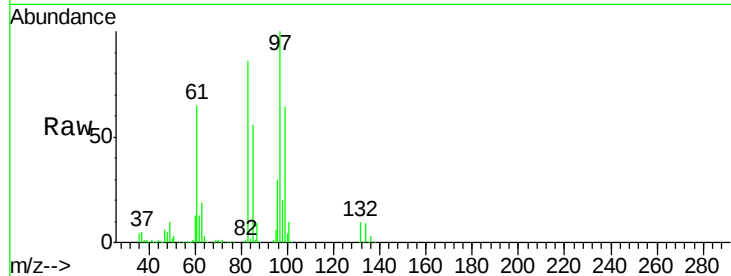
ClientSampleId :

VX0628WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 63608 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 86.4  | 70.2  | 105.2 |
| 85       | 55.8  | 44.9  | 67.3  |
| 99       | 64.3  | 49.8  | 74.8  |

Manual Integrations  
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#56

Ethyl methacrylate

Concen: 18.18 ug/l

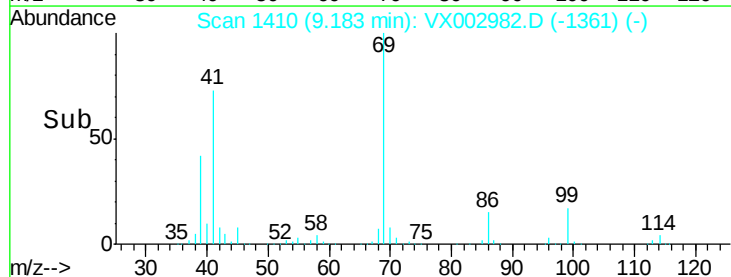
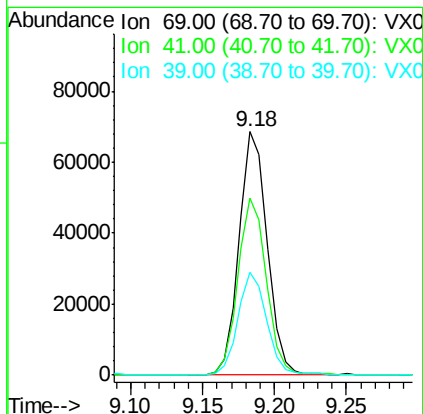
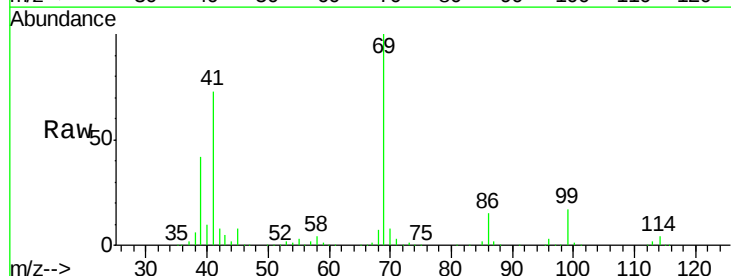
RT: 9.18 min Scan# 1410

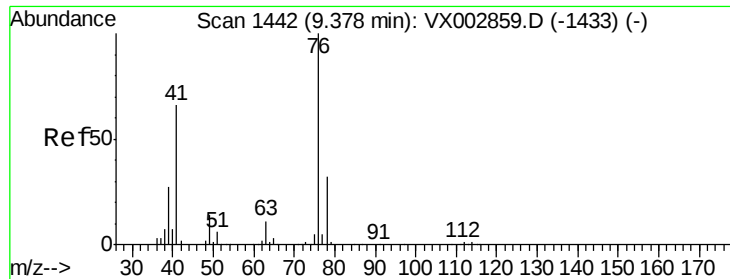
Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 93269 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 73.4  | 60.3  | 90.5  |
| 39       | 42.5  | 35.8  | 53.8  |





#57

1,3-Dichloropropane

Concen: 18.07 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

Instrument :

MSVOA\_X

ClientSampleId :

VX0628WBS01

Tot Ion: 76 Resp: 104142

Ion Ratio Lower Upper

76 100

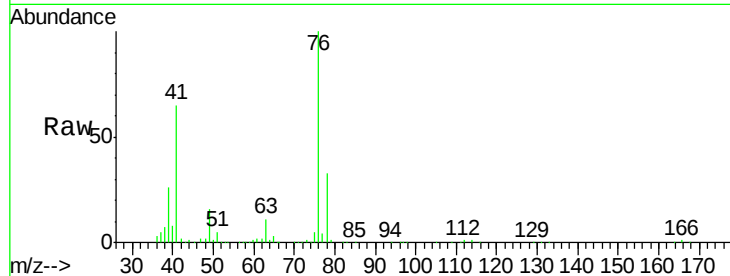
78 32.6 25.8 38.6

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

80000

60000

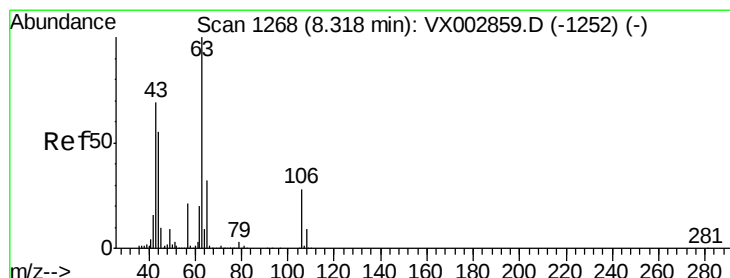
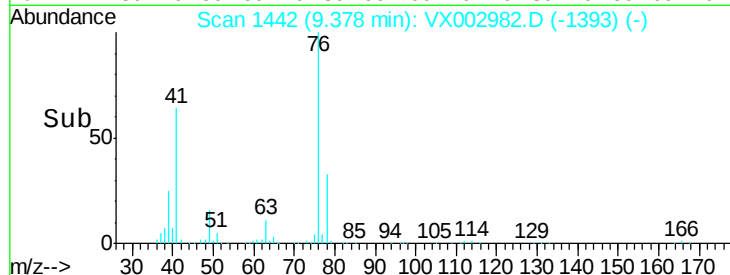
40000

20000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 98.34 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002982.D

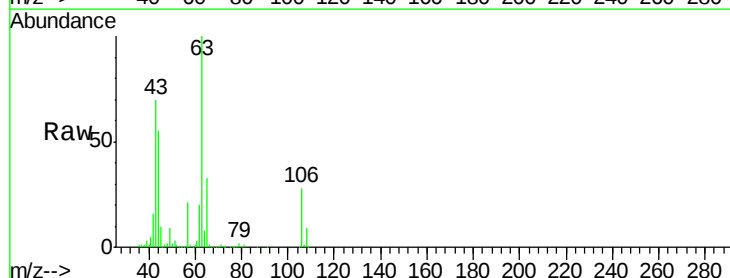
Acq: 28 Jun 2018 13:54

Tgt Ion: 63 Resp: 243339

Ion Ratio Lower Upper

63 100

106 28.0 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

150000

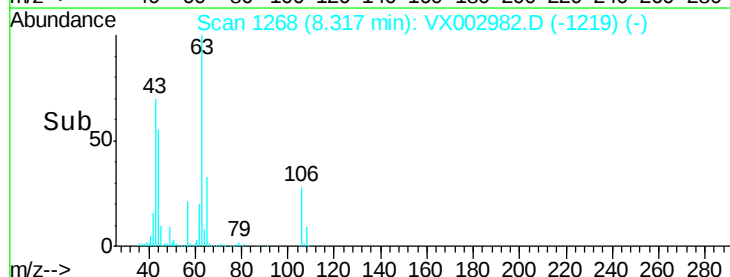
100000

50000

0

8.20 8.30 8.40

Time-->





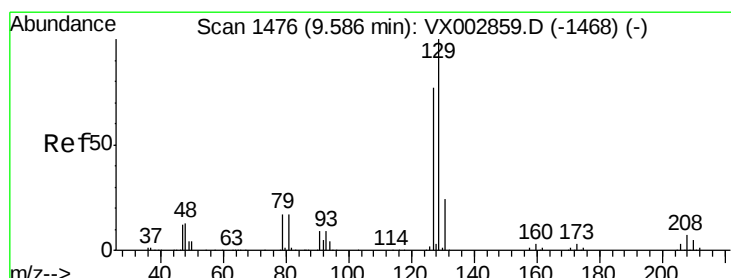
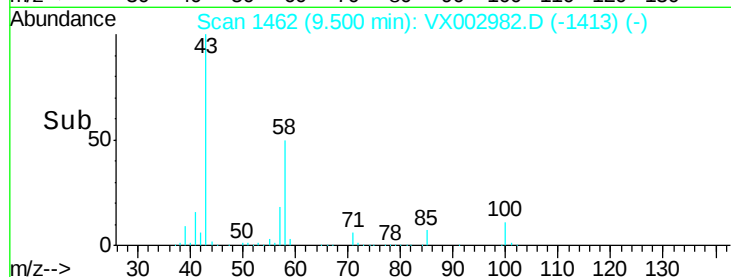
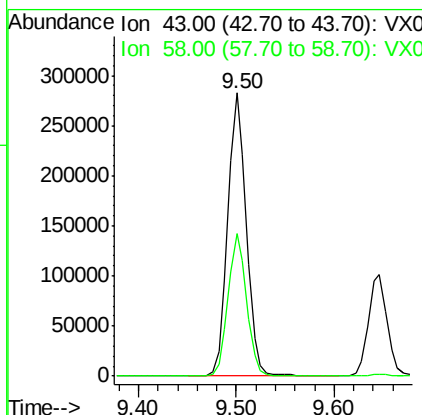
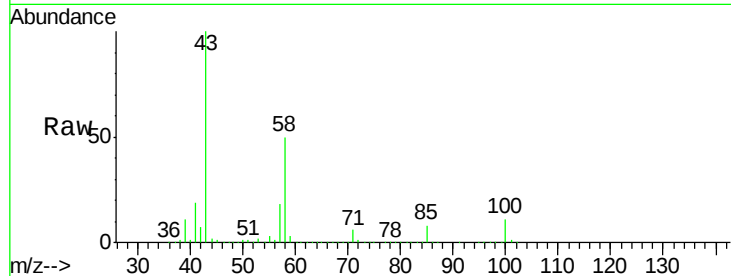
#59  
2-Hexanone  
Concen: 94.46 ug/l  
RT: 9.50 min Scan# 1462  
Delta R.T. -0.00 min  
Lab File: VX002982.D  
Acq: 28 Jun 2018 13:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0628WBS01

Tot Ion: 43 Resp: 372130  
Ion Ratio Lower Upper  
43 100  
58 50.2 24.6 73.6

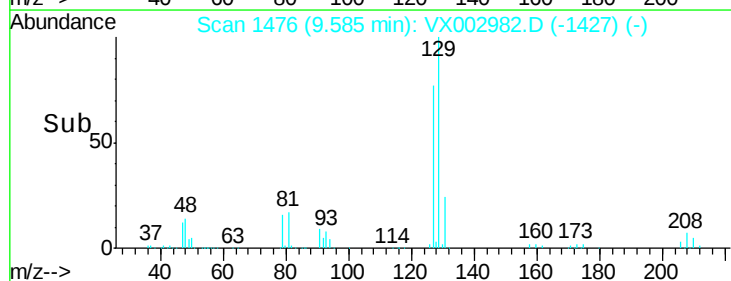
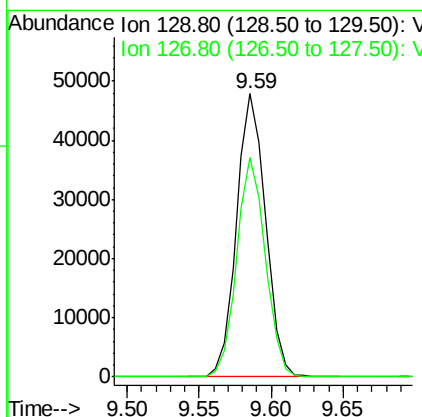
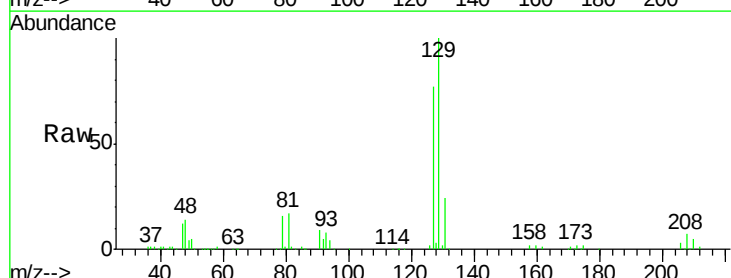
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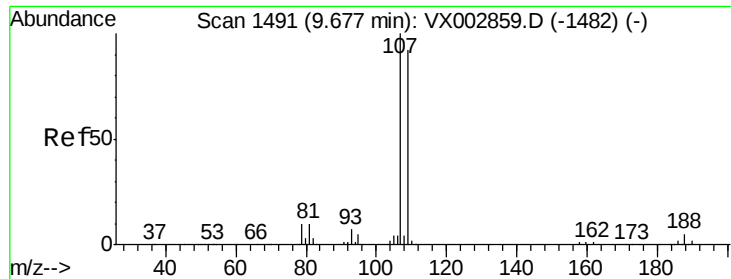
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#60  
Dibromochloromethane  
Concen: 18.22 ug/l  
RT: 9.59 min Scan# 1476  
Delta R.T. -0.00 min  
Lab File: VX002982.D  
Acq: 28 Jun 2018 13:54

Tgt Ion: 129 Resp: 67303  
Ion Ratio Lower Upper  
129 100  
127 76.2 38.5 115.3





#61

1,2-Dibromoethane

Concen: 18.16 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

Instrument :

MSVOA\_X

ClientSampleId :

VX0628WBS01

Tot Ion:107 Resp: 66858

Ion Ratio Lower Upper

107 100

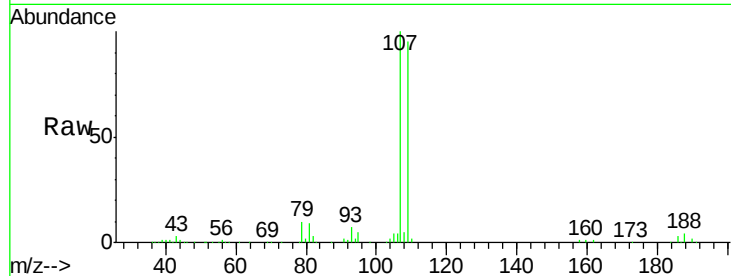
109 95.0 75.3 112.9

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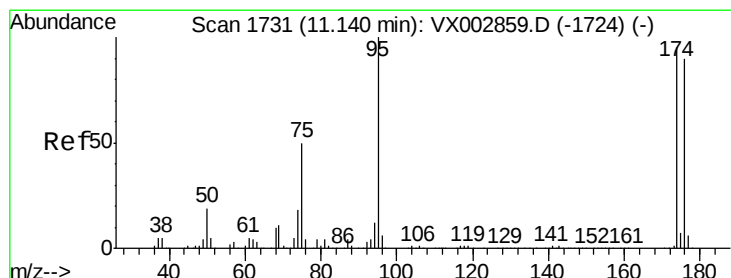
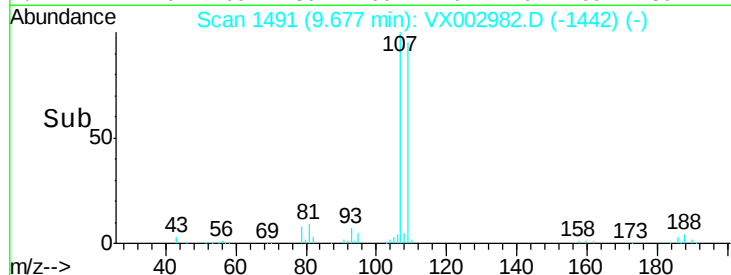
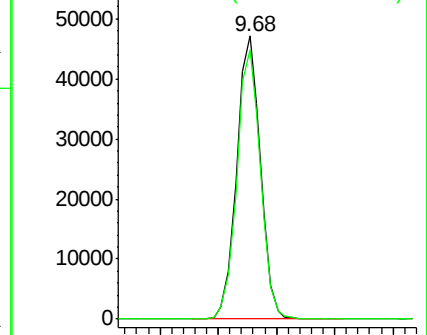
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.01 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

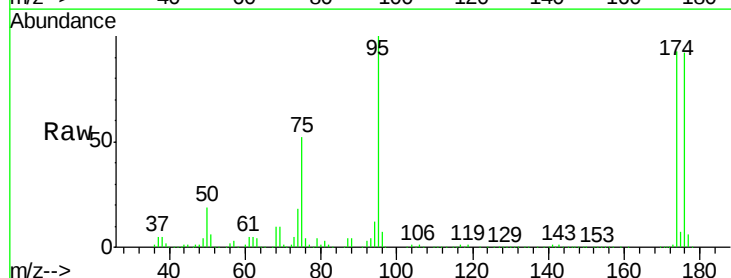
Tgt Ion: 95 Resp: 205371

Ion Ratio Lower Upper

95 100

174 97.1 0.0 187.4

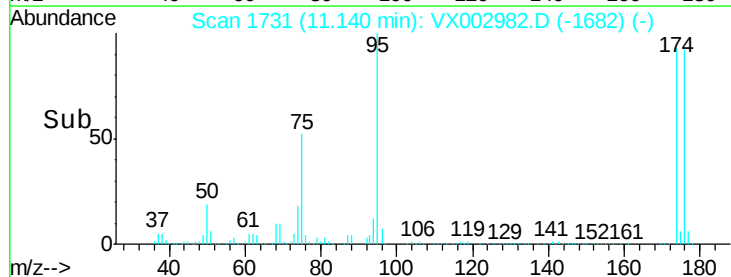
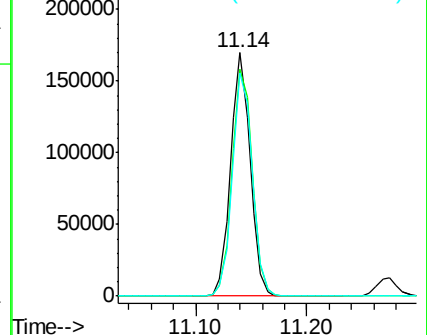
176 94.0 0.0 181.0

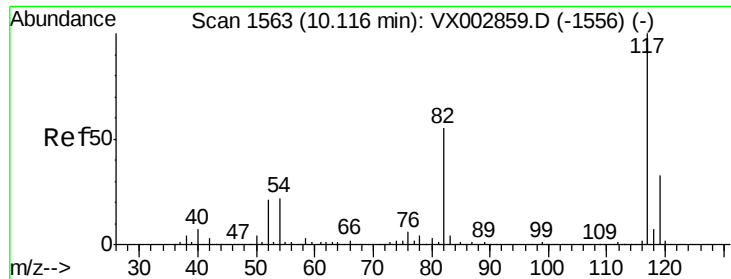


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





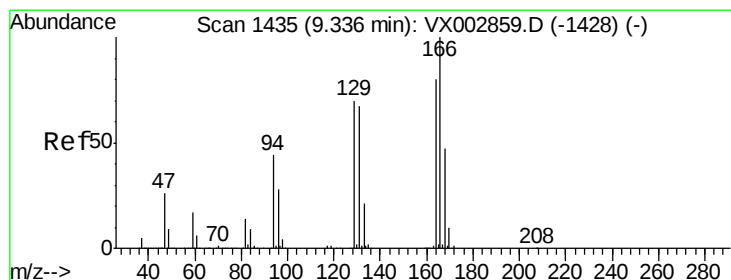
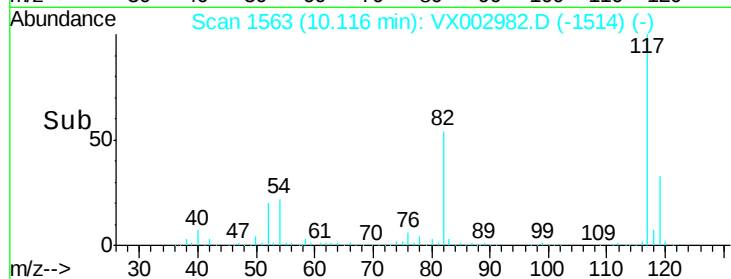
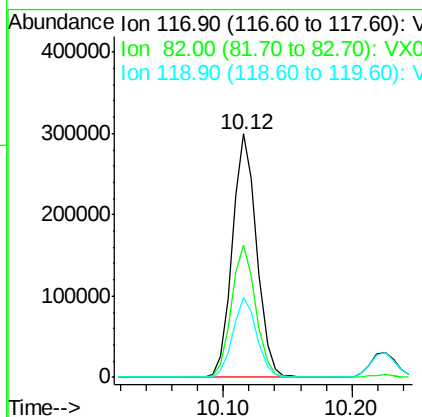
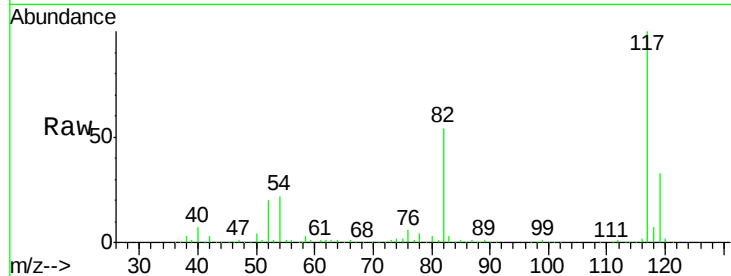
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1563  
Delta R.T. -0.00 min  
Lab File: VX002982.D  
Acq: 28 Jun 2018 13:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0628WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 54.1  | 45.0  | 67.4  |
| 119     | 32.7  | 25.8  | 38.6  |

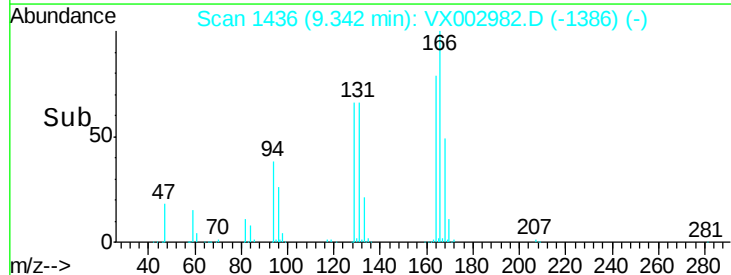
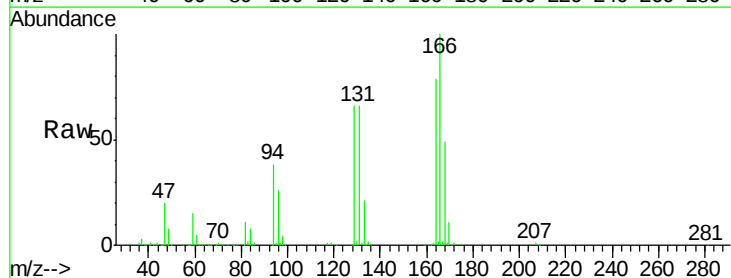
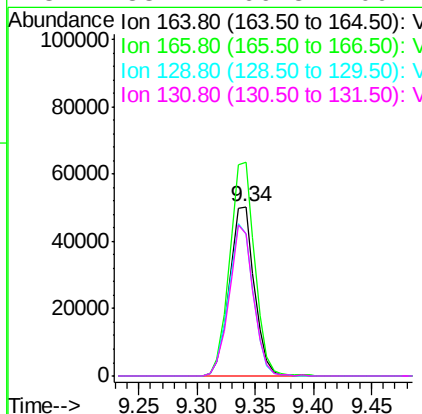
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#64  
Tetrachloroethene  
Concen: 17.08 ug/l  
RT: 9.34 min Scan# 1436  
Delta R.T. 0.01 min  
Lab File: VX002982.D  
Acq: 28 Jun 2018 13:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 126.1 | 102.9 | 154.3 |
| 129     | 83.7  | 68.6  | 102.8 |
| 131     | 83.7  | 66.8  | 100.2 |





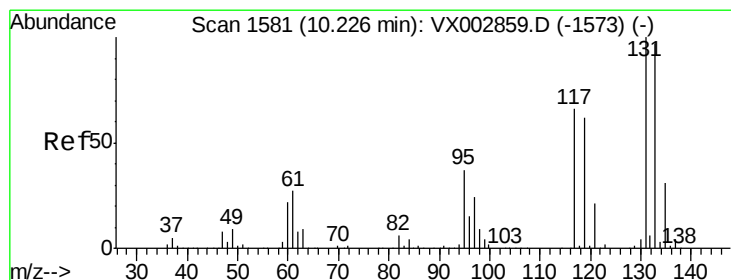
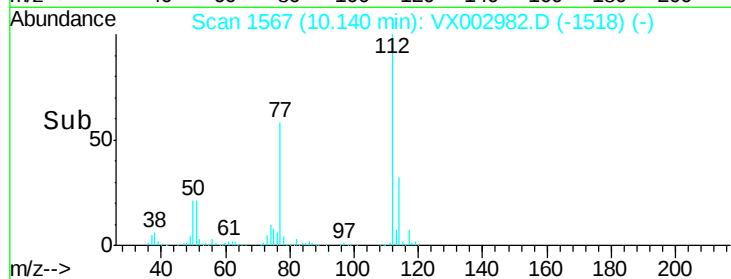
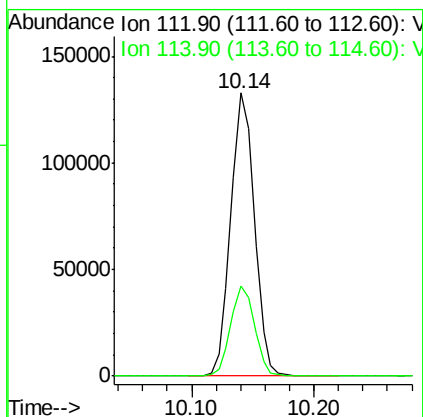
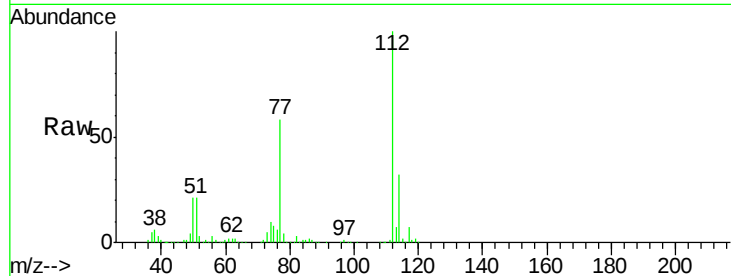
#65  
Chlorobenzene  
Concen: 17.74 ug/l  
RT: 10.14 min Scan# 1567  
Delta R.T. -0.00 min  
Lab File: VX002982.D  
Acq: 28 Jun 2018 13:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0628WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 31.9  | 25.3  | 37.9  |

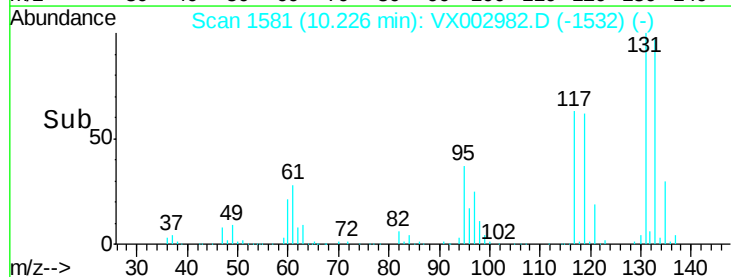
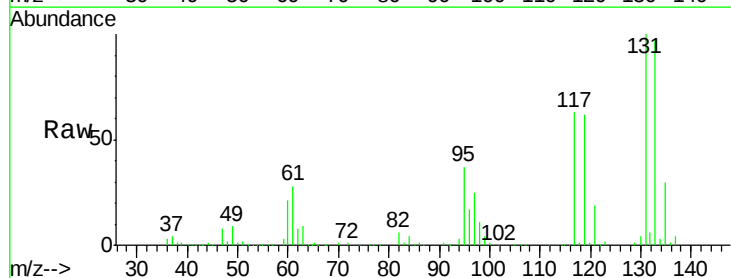
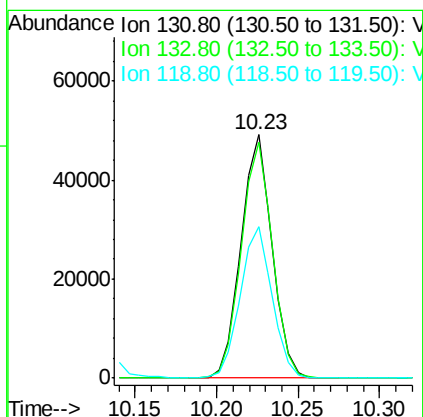
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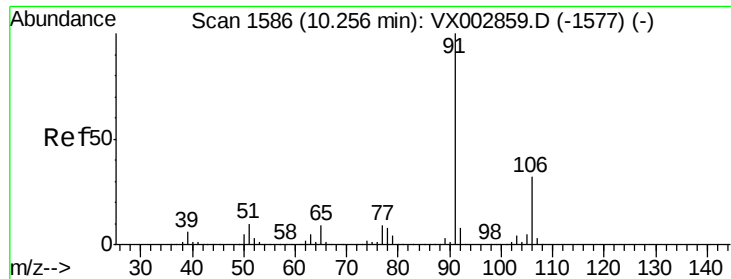
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 17.86 ug/l  
RT: 10.23 min Scan# 1581  
Delta R.T. -0.00 min  
Lab File: VX002982.D  
Acq: 28 Jun 2018 13:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 97.2  | 47.9  | 143.6 |
| 119     | 64.1  | 31.8  | 95.3  |





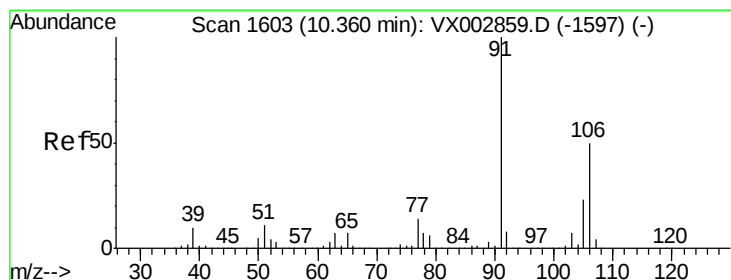
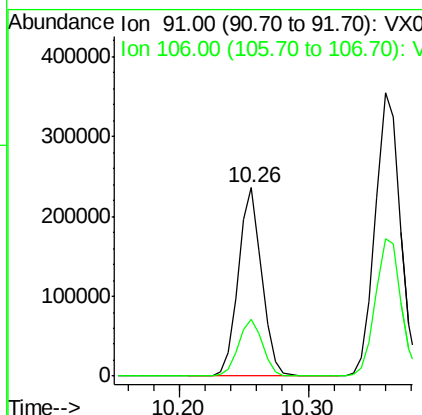
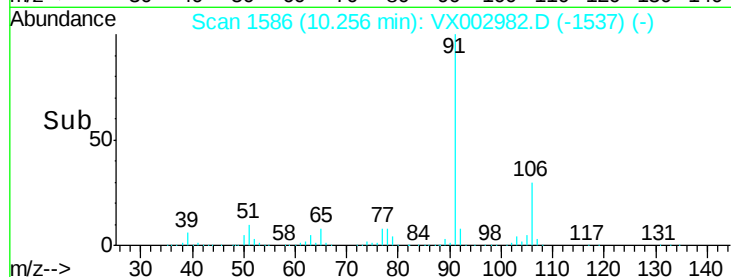
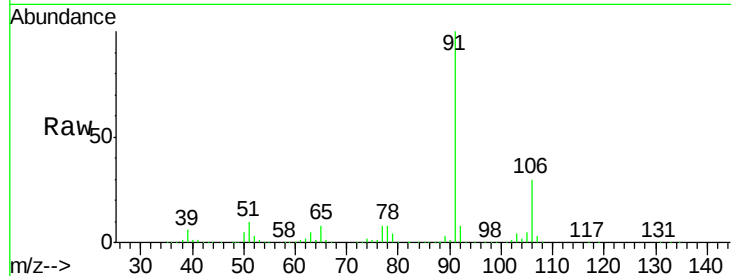
#67  
Ethyl Benzene  
Concen: 17.99 ug/l  
RT: 10.26 min Scan# 1586  
Delta R.T. -0.00 min  
Lab File: VX002982.D  
Acq: 28 Jun 2018 13:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0628WBS01

Tot Ion: 91 Resp: 298479  
Ion Ratio Lower Upper  
91 100  
106 30.4 25.5 38.3

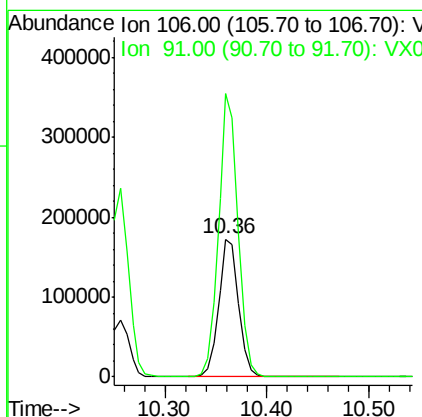
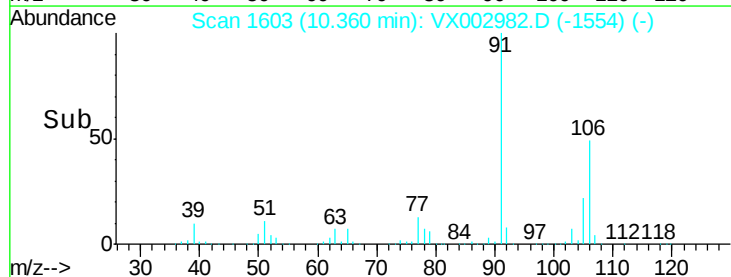
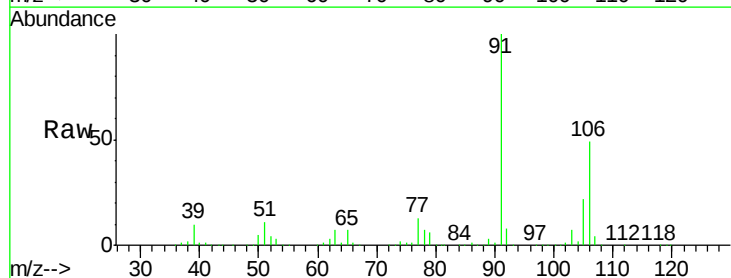
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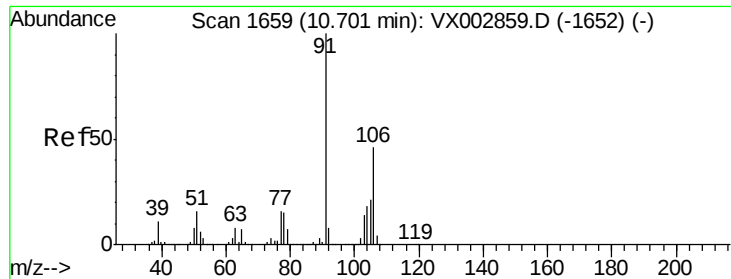
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#68  
m/p-Xylenes  
Concen: 36.54 ug/l  
RT: 10.36 min Scan# 1603  
Delta R.T. -0.00 min  
Lab File: VX002982.D  
Acq: 28 Jun 2018 13:54

Tgt Ion: 106 Resp: 233618  
Ion Ratio Lower Upper  
106 100  
91 202.5 163.4 245.2





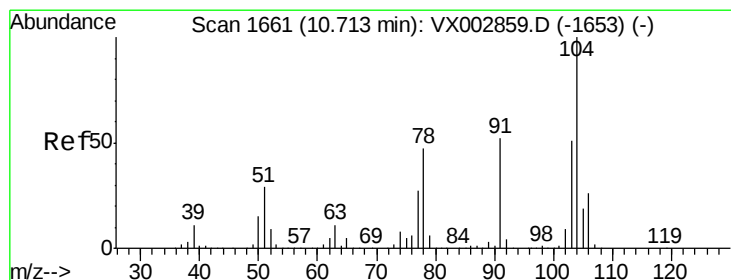
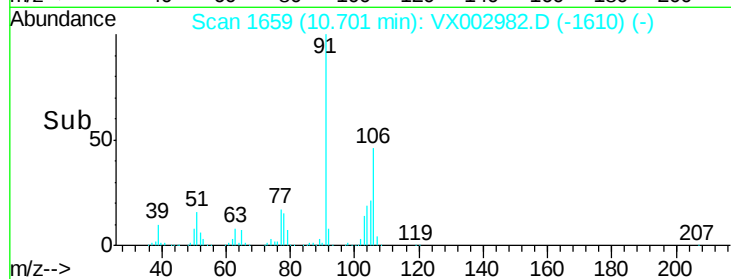
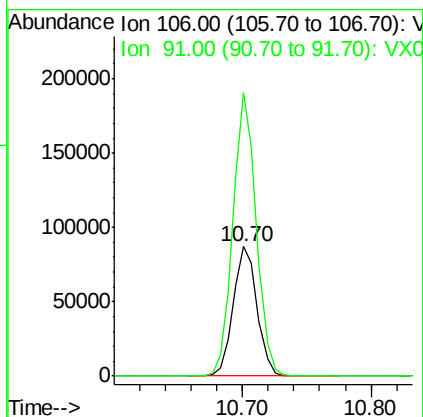
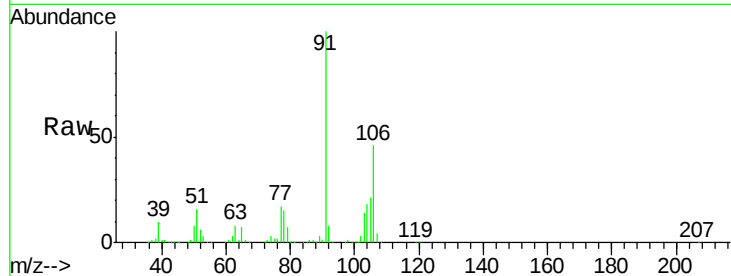
#69  
o-Xylene  
Concen: 18.07 ug/l  
RT: 10.70 min Scan# 1659  
Delta R.T. -0.00 min  
Lab File: VX002982.D  
Acq: 28 Jun 2018 13:54

Instrument :  
MSVOA\_X  
ClientSampleID :  
VX0628WBS01

Tot Ion:106 Resp: 112473  
Ion Ratio Lower Upper  
106 100  
91 214.0 108.2 324.6

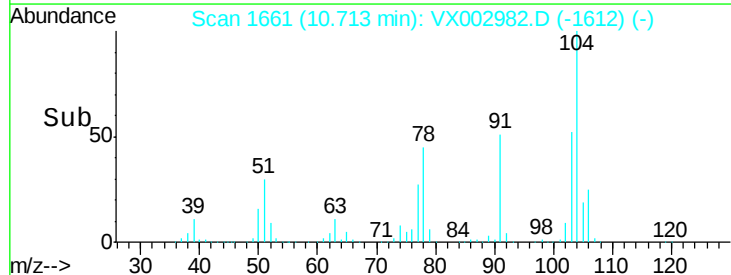
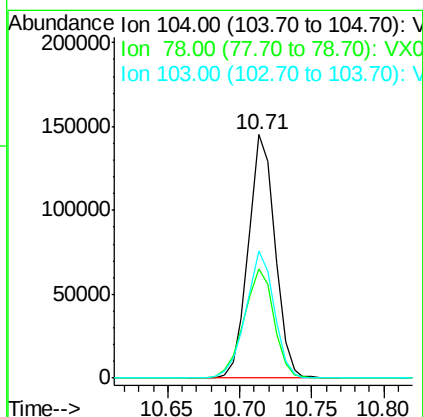
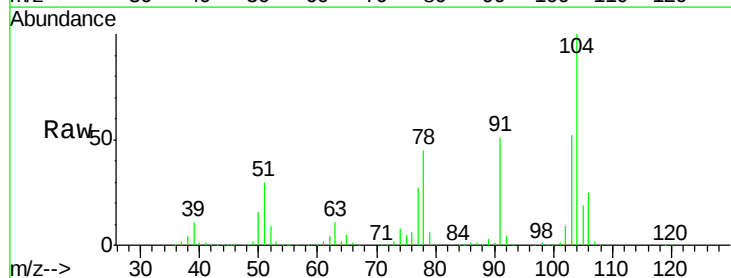
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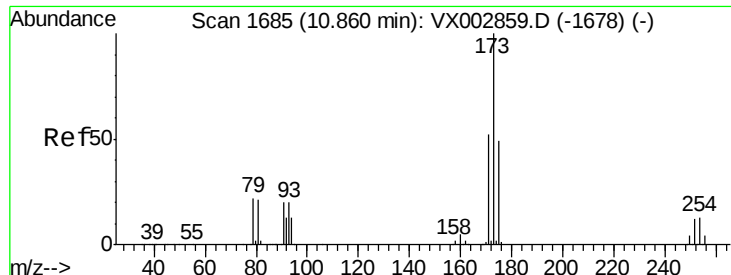
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#70  
Styrene  
Concen: 18.35 ug/l  
RT: 10.71 min Scan# 1661  
Delta R.T. -0.00 min  
Lab File: VX002982.D  
Acq: 28 Jun 2018 13:54

Tgt Ion:104 Resp: 185569  
Ion Ratio Lower Upper  
104 100  
78 50.6 41.0 61.6  
103 55.8 44.2 66.4





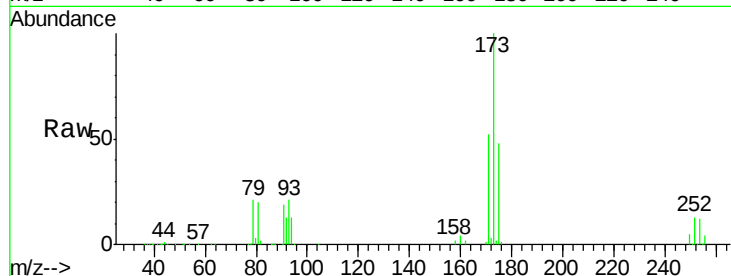
#71  
Bromoform  
Concen: 18.43 ug/l  
RT: 10.86 min Scan# 1685  
Delta R.T. 0.00 min  
Lab File: VX002982.D  
Acq: 28 Jun 2018 13:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0628WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 48.3  | 24.7  | 74.1  |
| 254     | 0.1   | 0.2   | 0.2   |

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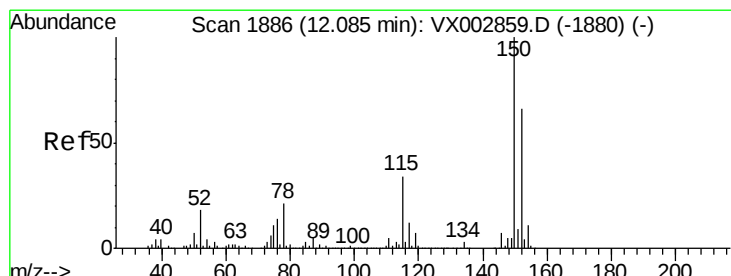
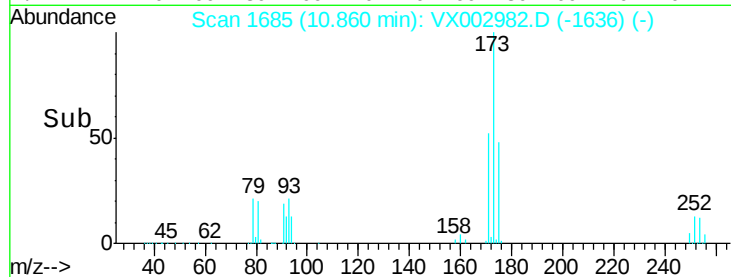
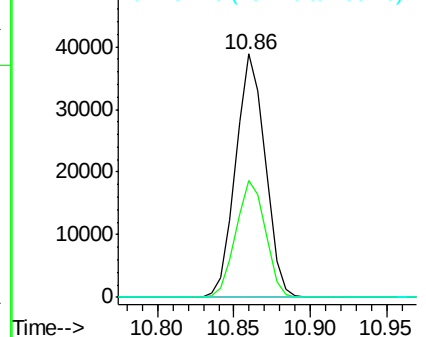


Abundance

Ion 172.70 (172.40 to 173.40): V

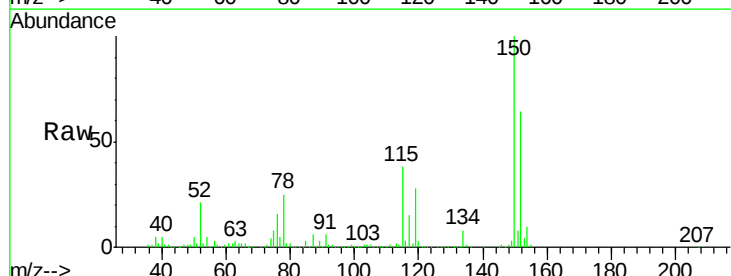
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.08 min Scan# 1885  
Delta R.T. -0.01 min  
Lab File: VX002982.D  
Acq: 28 Jun 2018 13:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 62.7  | 40.1  | 120.2 |
| 150     | 162.2 | 0.0   | 347.2 |

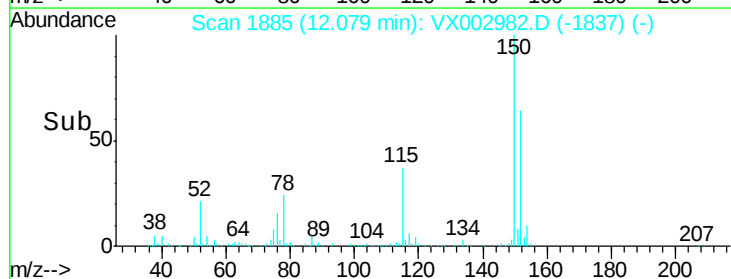
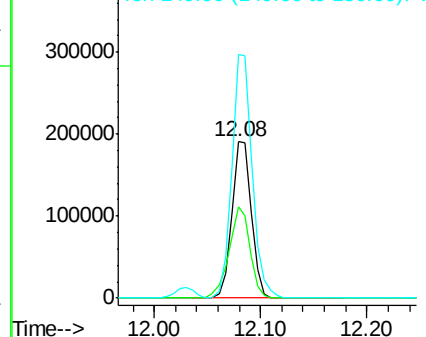


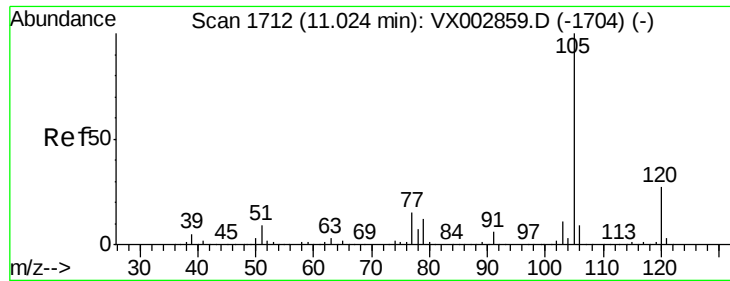
Abundance

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: 18.66 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

Instrument :

MSVOA\_X

ClientSampleId :

VX0628WBS01

Tot Ion:105 Resp: 306613

Ion Ratio Lower Upper

105 100

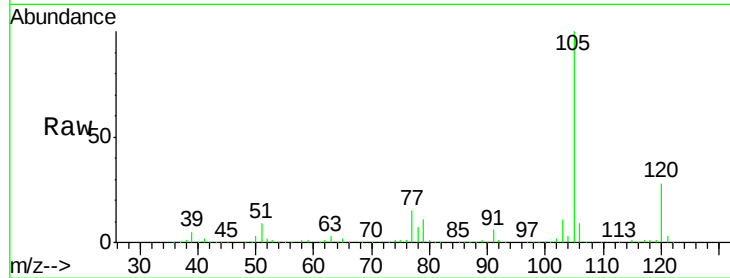
120 27.2 13.5 40.4

Manual Integrations

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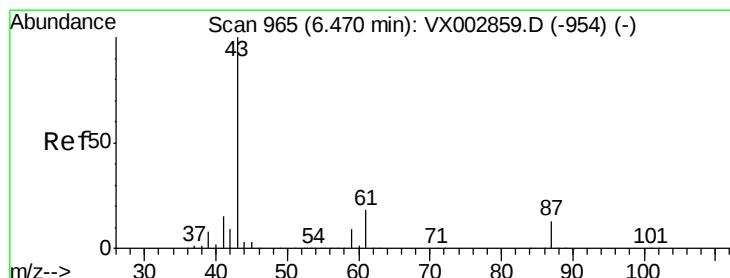
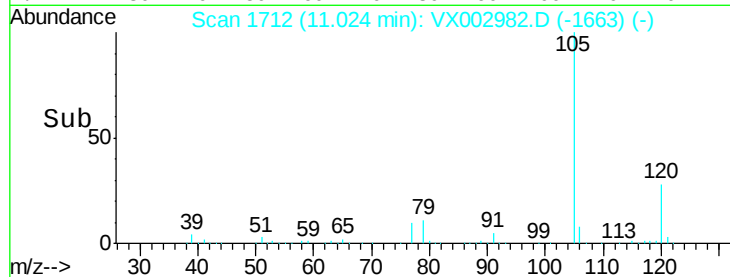
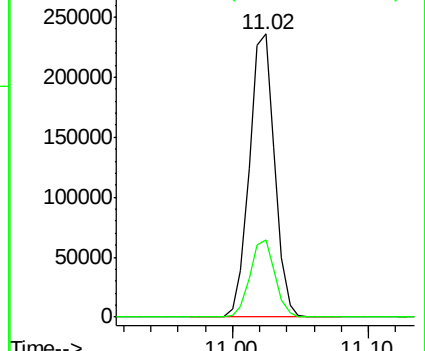
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.22 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

Tgt Ion: 43 Resp: 146488

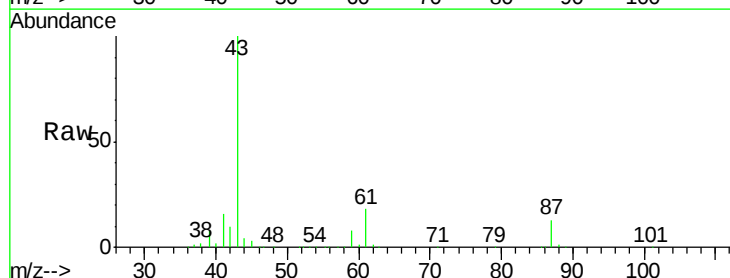
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.1 0.0 0.0#

61 18.4 14.4 21.6

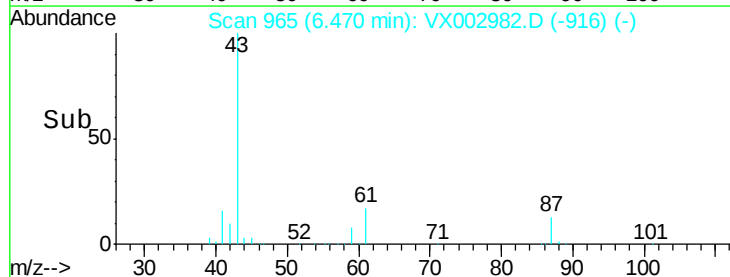
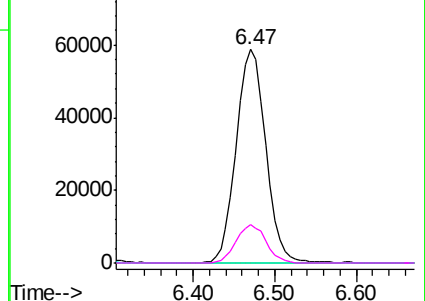


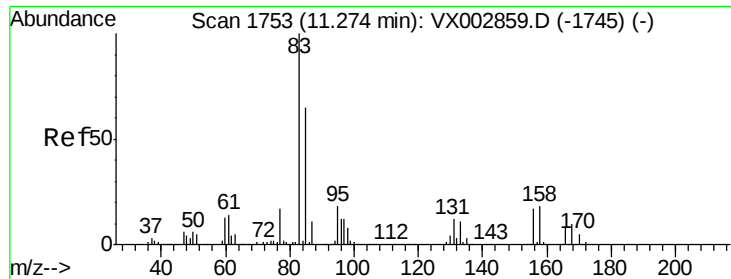
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.95 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

Instrument :

MSVOA\_X

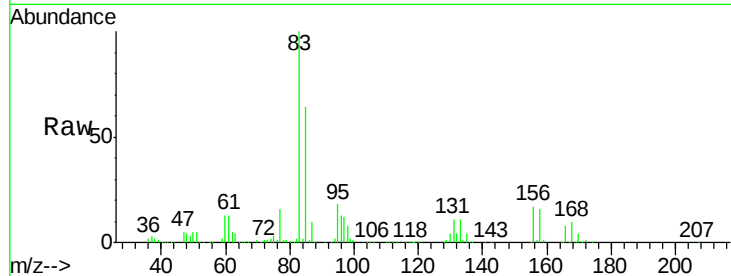
ClientSampleId :

VX0628WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 95897 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 11.2  | 5.6   | 16.8  |
| 85        | 63.9  | 32.4  | 97.2  |

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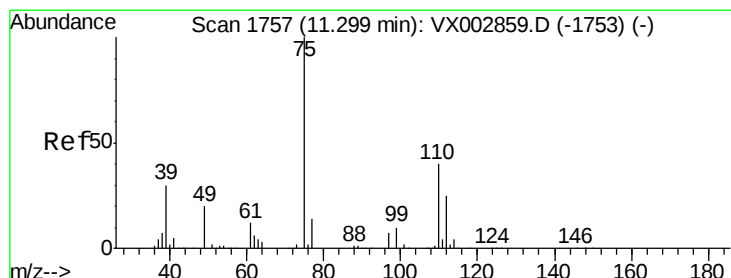
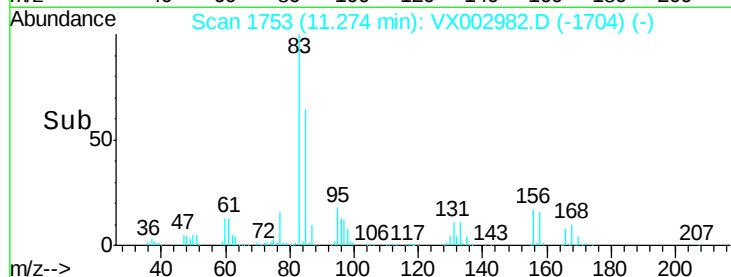
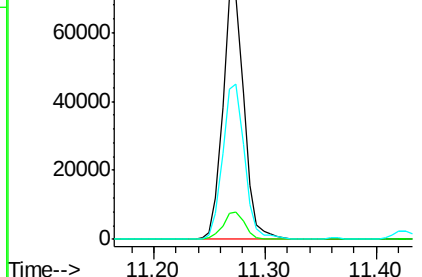
MMDadoda  
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 20.91 ug/l m

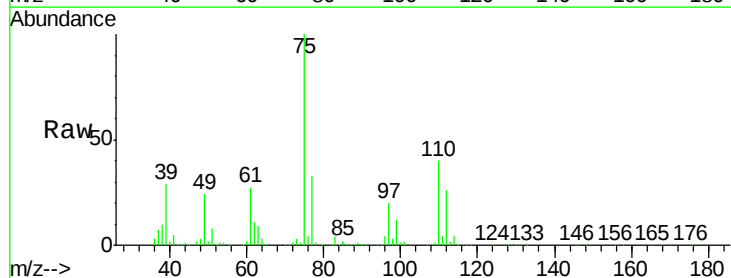
RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002982.D

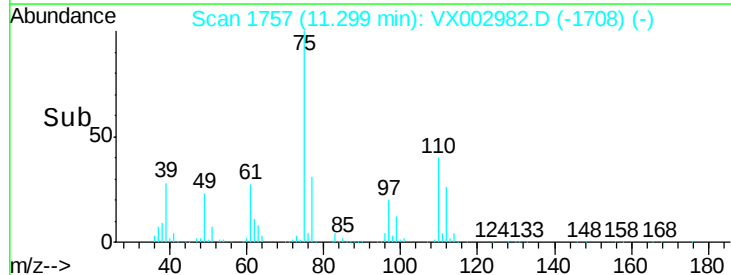
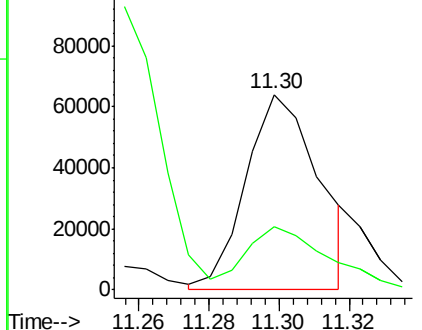
Acq: 28 Jun 2018 13:54

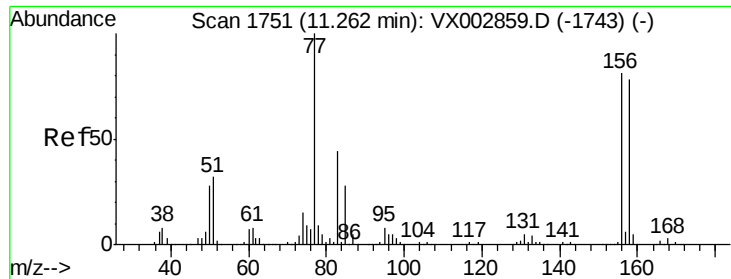
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 92518 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 36.6  | 22.8  | 68.3  |



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.35 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

Instrument :

MSVOA\_X

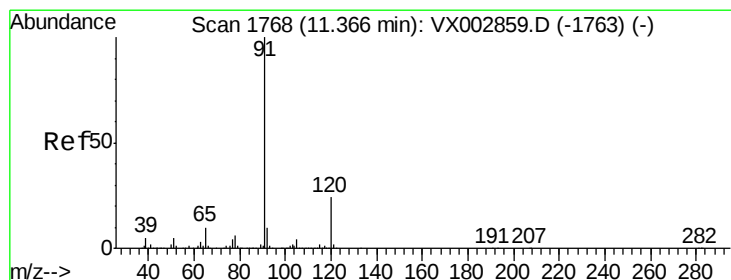
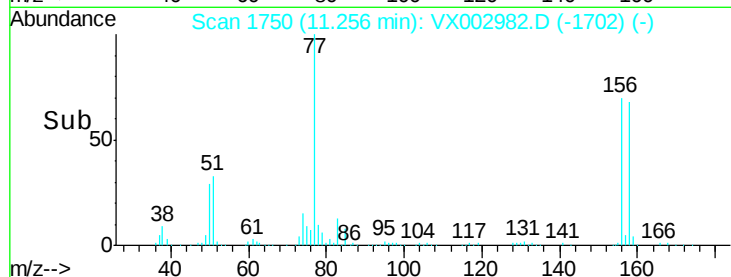
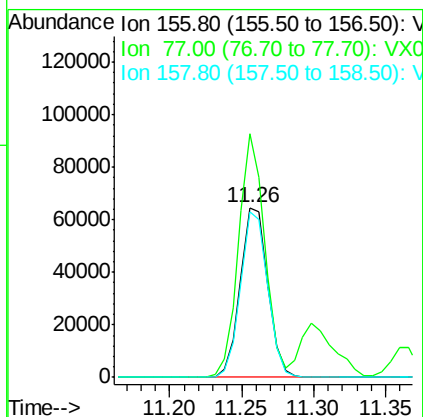
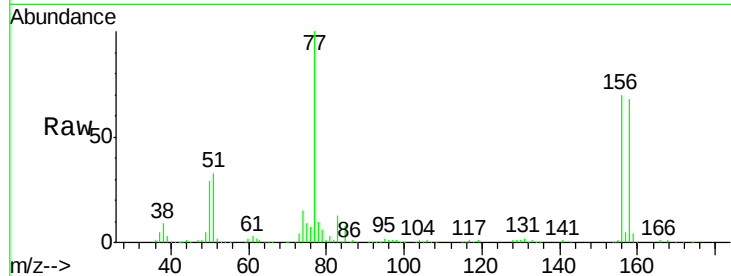
ClientSampleId :

VX0628WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 156   | Resp: | 85880 |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 136.3 | 71.4  | 214.2 |
| 158       | 95.7  | 48.9  | 146.6 |

Manual Integrations  
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#78

n-propylbenzene

Concen: 18.58 ug/l

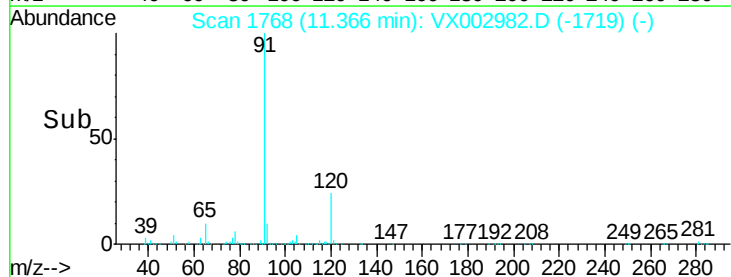
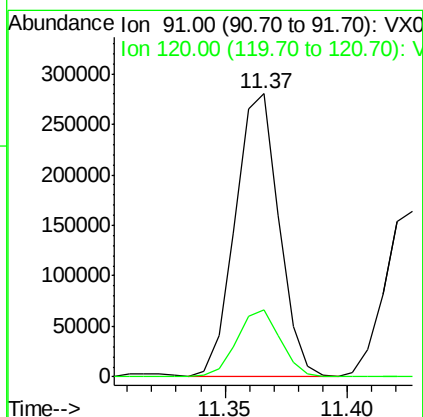
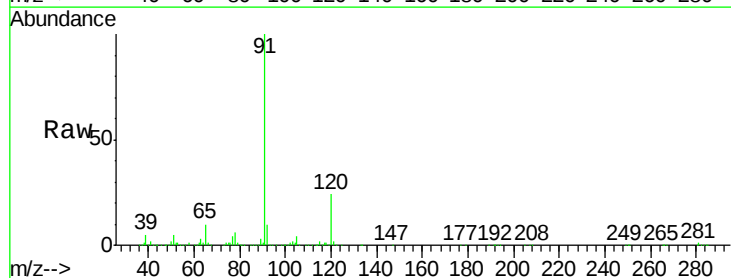
RT: 11.37 min Scan# 1768

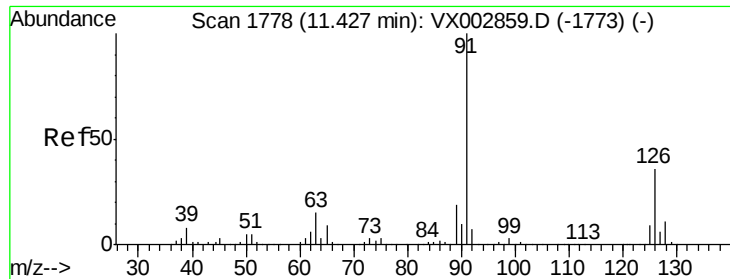
Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 347464 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 23.8  | 11.8  | 35.4   |





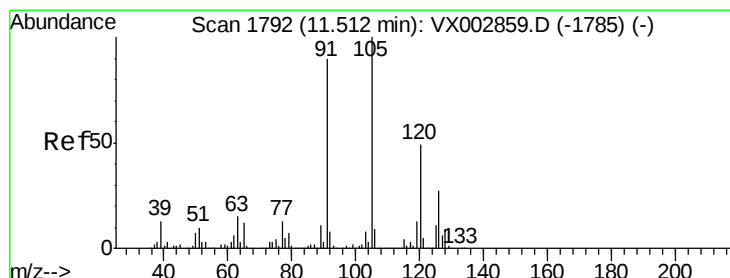
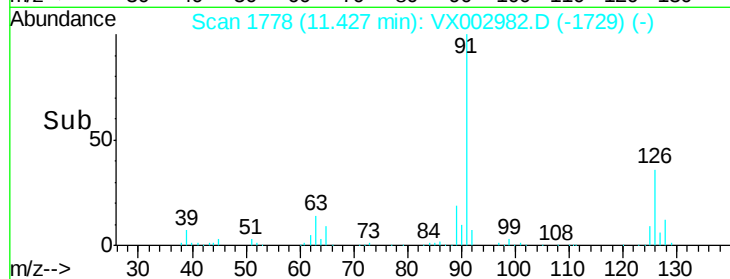
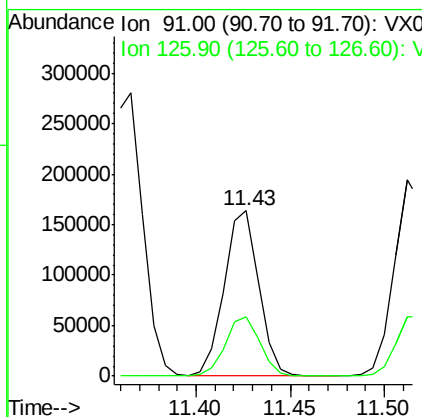
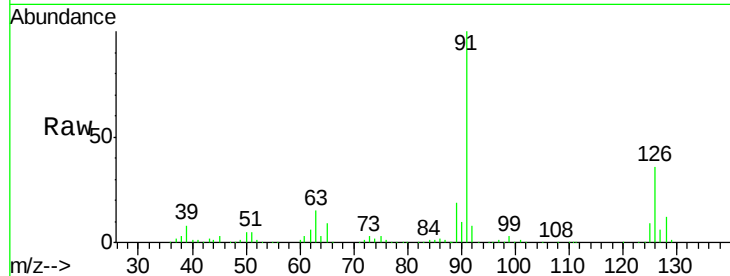
#79  
 2-Chlorotoluene  
 Concen: 18.22 ug/l  
 RT: 11.43 min Scan# 1778  
 Delta R.T. -0.00 min  
 Lab File: VX002982.D  
 Acq: 28 Jun 2018 13:54

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0628WBS01

Tot Ion: 91 Resp: 206274  
 Ion Ratio Lower Upper  
 91 100  
 126 36.6 17.7 53.1

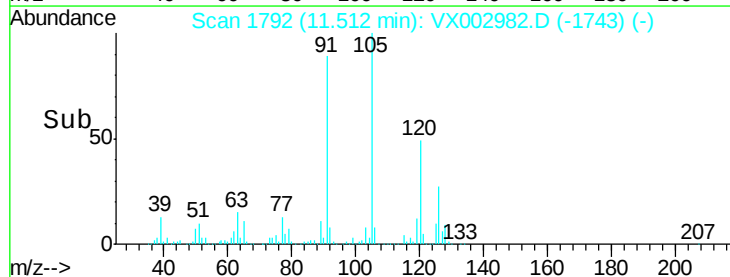
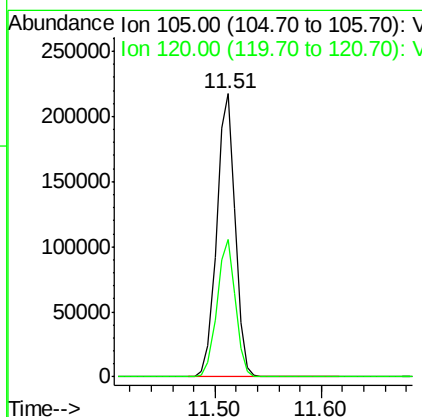
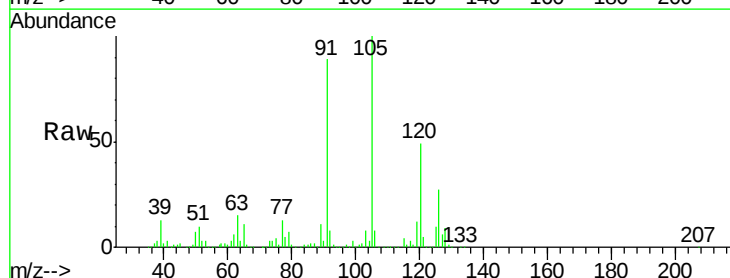
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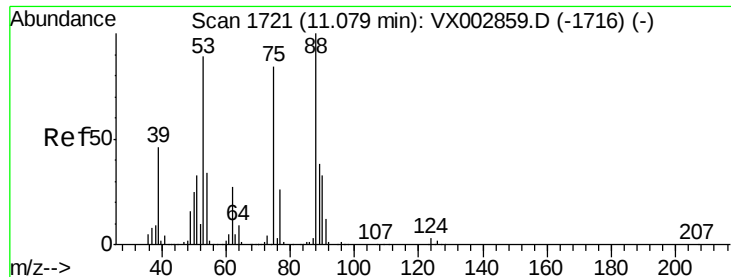
MMDadoda  
 6/29/2018 12:22:45 PM



#80  
 1,3,5-Trimethylbenzene  
 Concen: 18.83 ug/l  
 RT: 11.51 min Scan# 1792  
 Delta R.T. -0.00 min  
 Lab File: VX002982.D  
 Acq: 28 Jun 2018 13:54

Tgt Ion: 105 Resp: 260548  
 Ion Ratio Lower Upper  
 105 100  
 120 48.5 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 16.76 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

Instrument :

MSVOA\_X

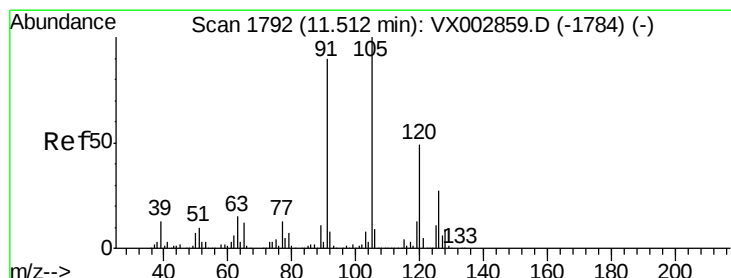
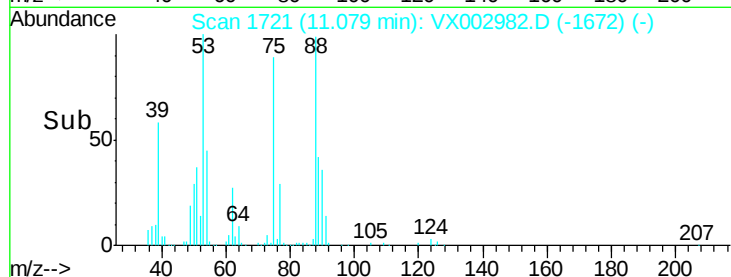
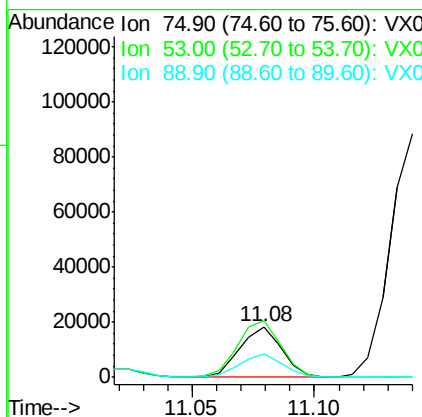
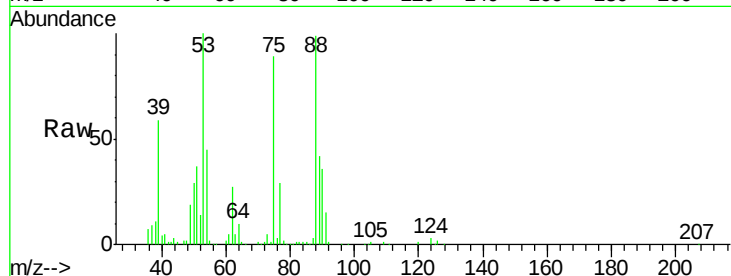
ClientSampleId :

VX0628WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 75    | Resp: | 21902 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 53        | 119.2 | 86.8  | 130.2 |
| 89        | 48.1  | 38.2  | 57.2  |

Manual Integrations  
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#82

4-Chlorotoluene

Concen: 18.13 ug/l

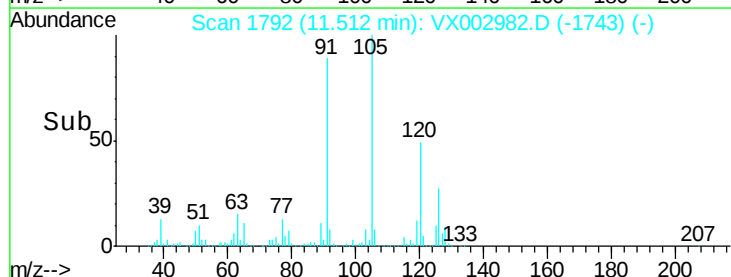
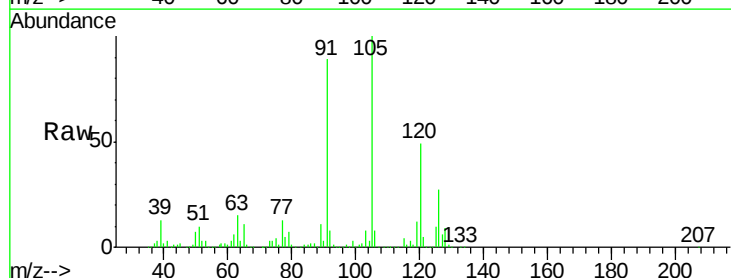
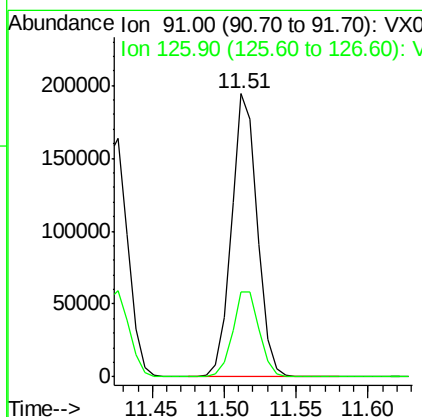
RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 243090 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 126       | 31.1  | 15.4  | 46.4   |





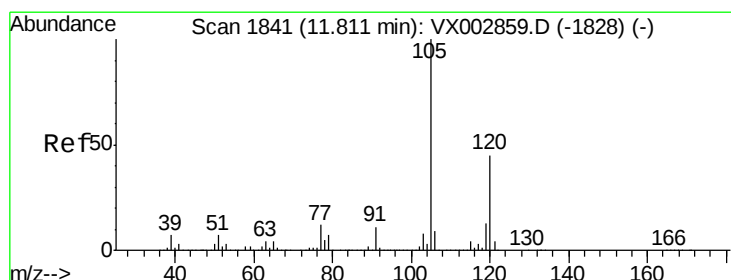
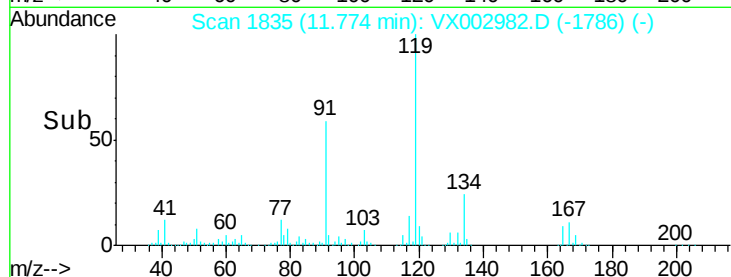
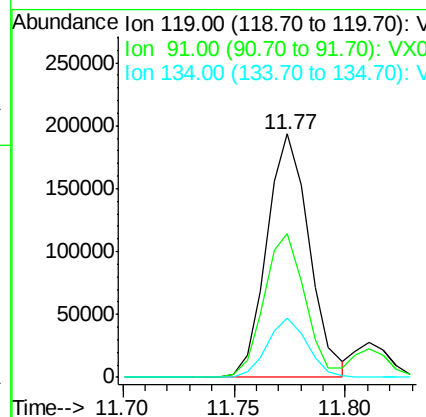
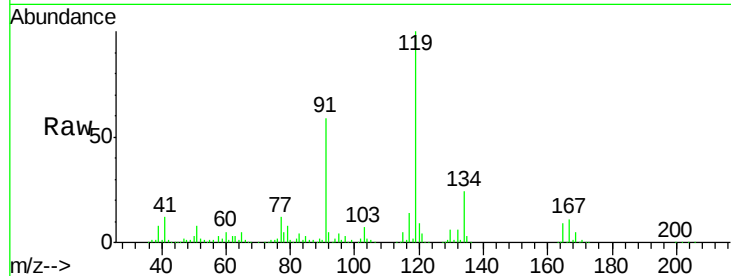
#83  
tert-Butylbenzene  
Concen: 18.74 ug/l  
RT: 11.77 min Scan# 1835  
Delta R.T. -0.00 min  
Lab File: VX002982.D  
Acq: 28 Jun 2018 13:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0628WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 57.7  | 30.3  | 90.9  |
| 134     | 23.3  | 11.7  | 35.1  |

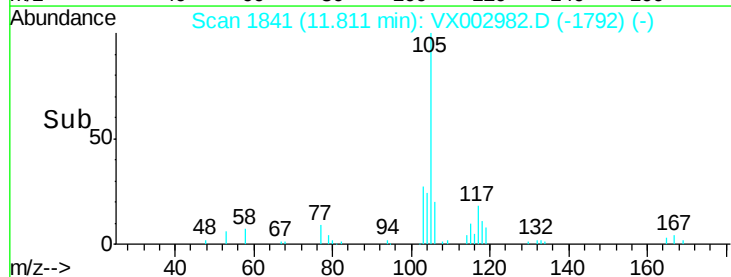
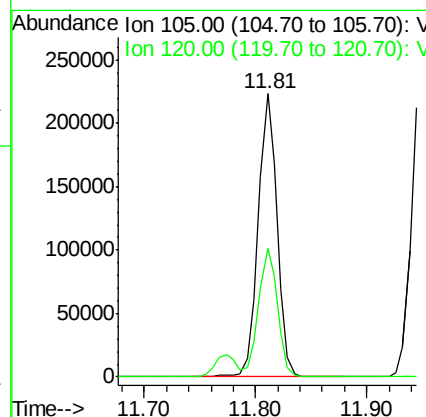
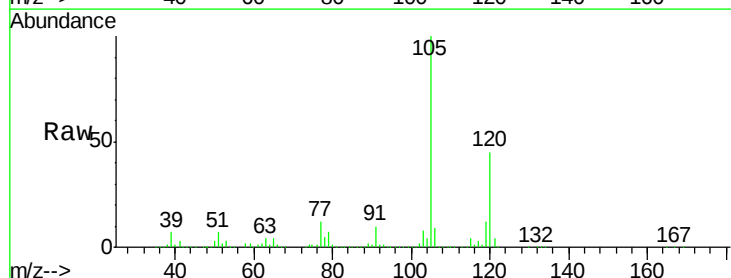
Manual Integrations  
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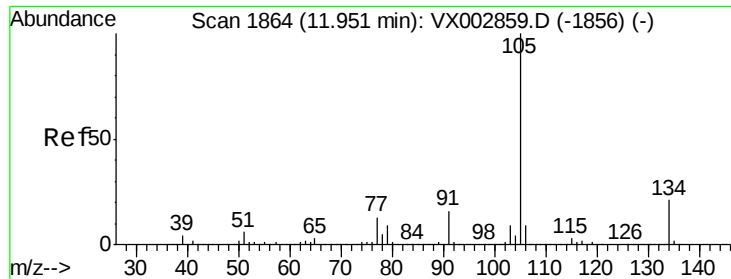
MMDadoda  
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#84  
1,2,4-Trimethylbenzene  
Concen: 18.40 ug/l  
RT: 11.81 min Scan# 1841  
Delta R.T. -0.00 min  
Lab File: VX002982.D  
Acq: 28 Jun 2018 13:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 45.9  | 22.3  | 66.8  |





#85

sec-Butylbenzene

Concen: 18.43 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

Instrument :

MSVOA\_X

ClientSampleId :

VX0628WBS01

Tot Ion:105 Resp: 304927

Ion Ratio Lower Upper

105 100

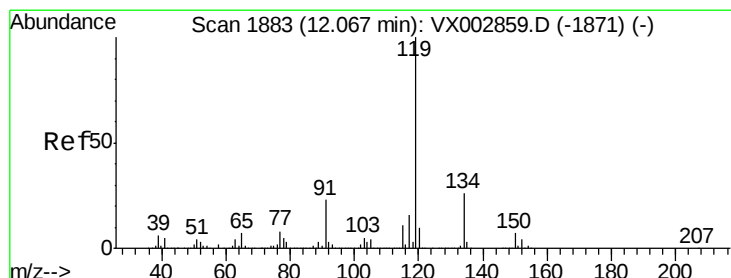
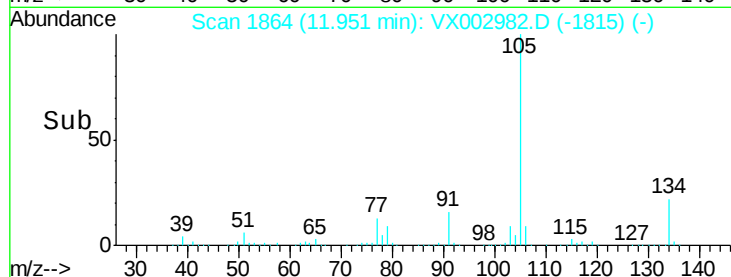
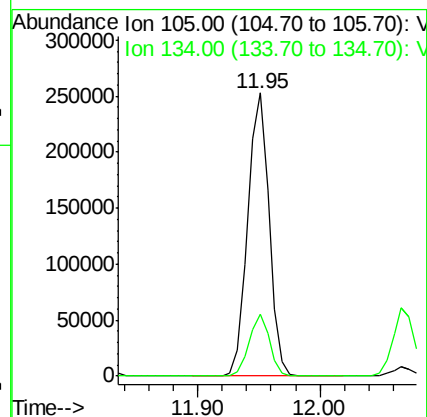
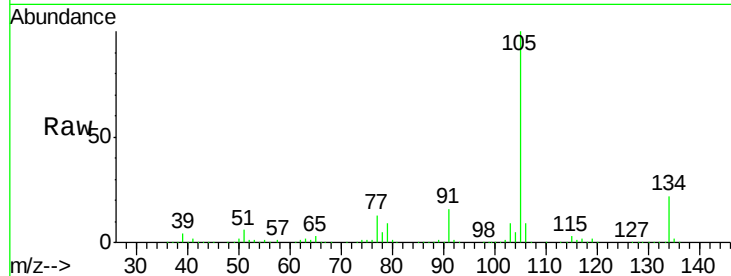
134 21.1 10.4 31.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 18.36 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

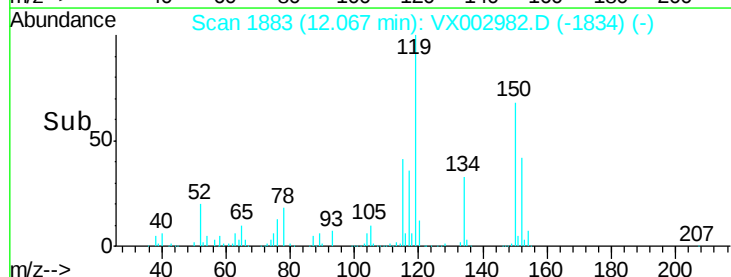
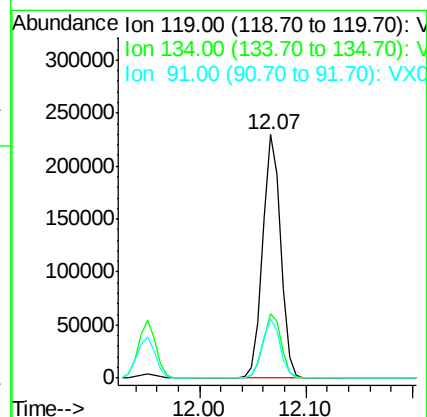
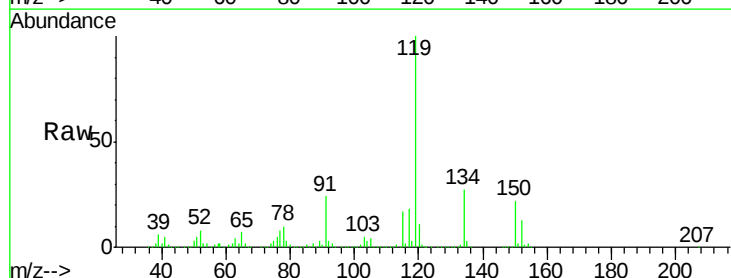
Tgt Ion:119 Resp: 273150

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 24.2 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 18.04 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

Instrument :

MSVOA\_X

ClientSampleId :

VX0628WBS01

Tot Ion:146 Resp: 154170

Ion Ratio Lower Upper

146 100

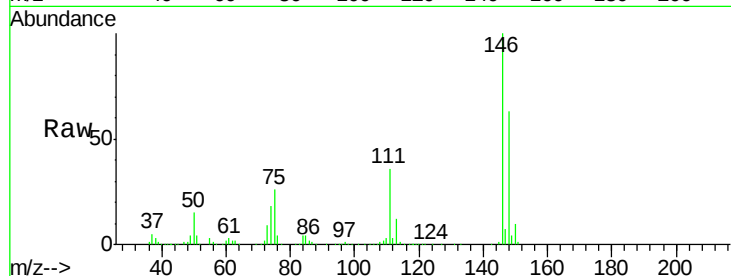
111 37.2 18.9 56.7

148 63.8 32.1 96.3

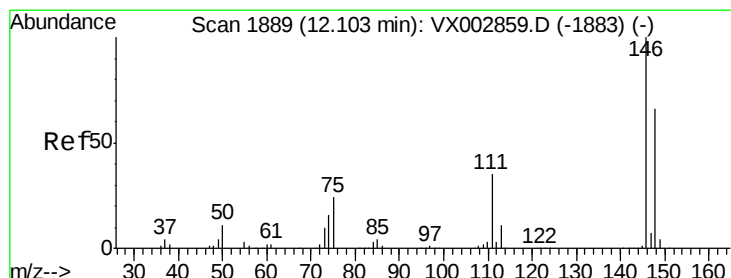
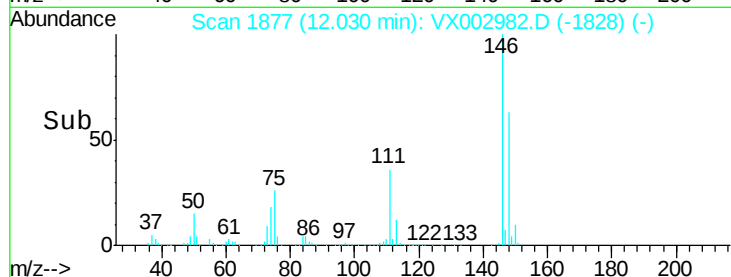
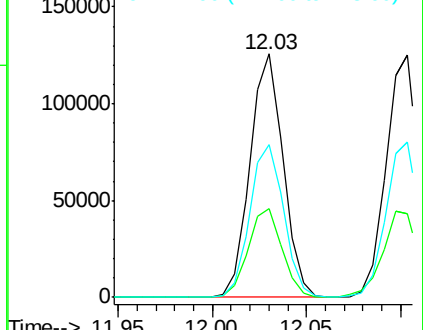
Manual Integrations  
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Abundance Ion 145.90 (145.60 to 146.60): V  
Ion 110.90 (110.60 to 111.60): V  
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 17.65 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

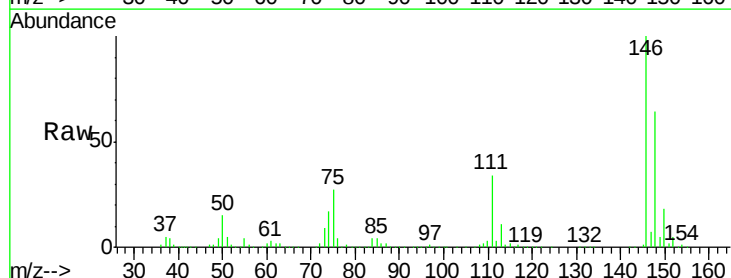
Tgt Ion:146 Resp: 155191

Ion Ratio Lower Upper

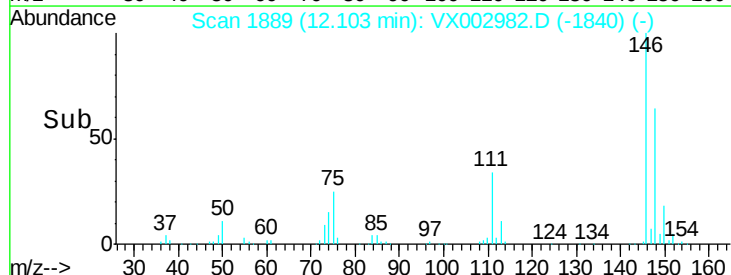
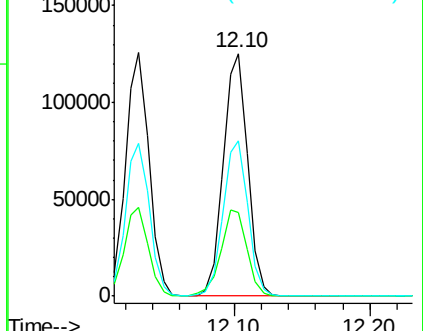
146 100

111 37.9 18.7 56.1

148 65.2 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V  
Ion 110.90 (110.60 to 111.60): V  
Ion 147.90 (147.60 to 148.60): V





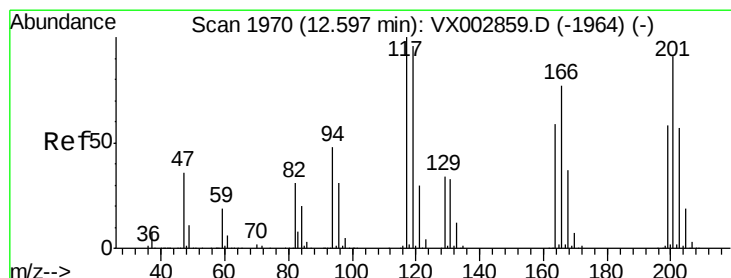
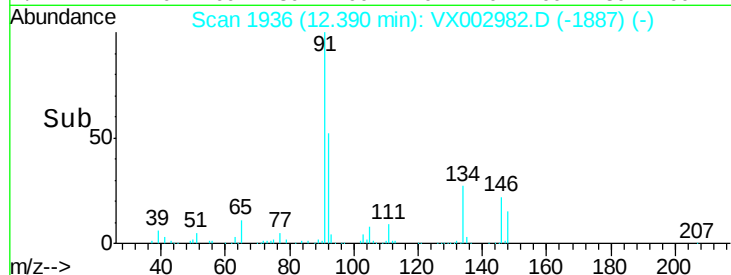
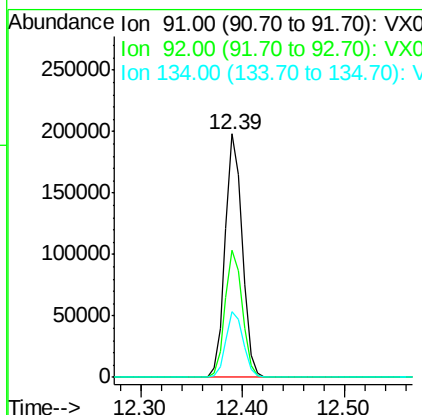
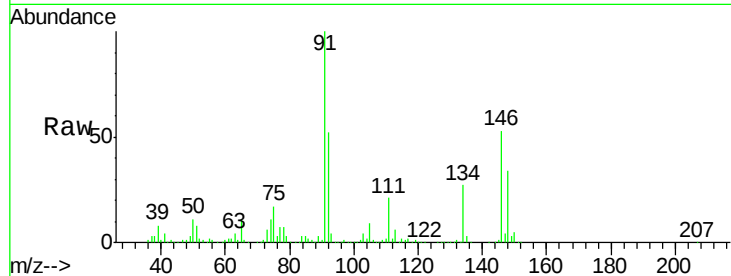
#89  
n-Butylbenzene  
Concen: 17.88 ug/l  
RT: 12.39 min Scan# 1936  
Delta R.T. -0.00 min  
Lab File: VX002982.D  
Acq: 28 Jun 2018 13:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0628WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.4  | 26.0  | 78.0  |
| 134     | 27.3  | 13.5  | 40.5  |

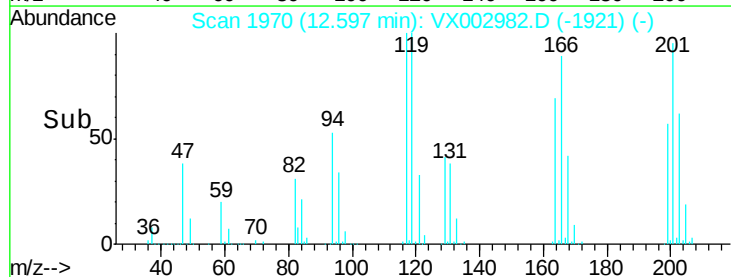
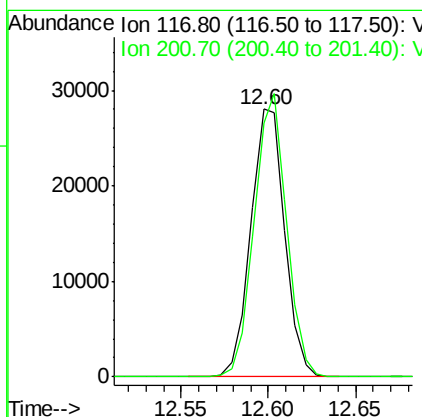
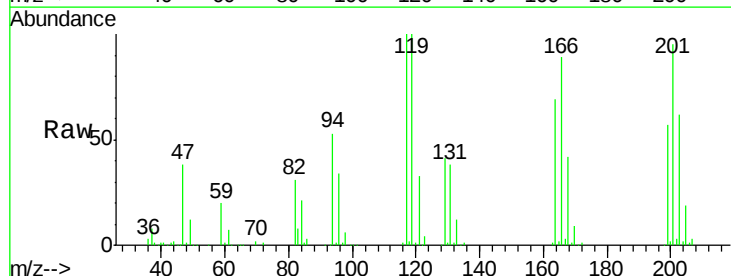
Manual Integrations  
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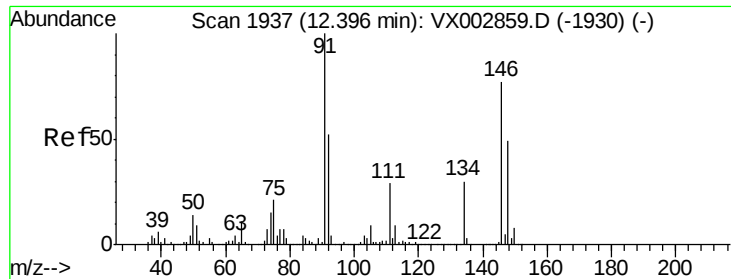
MMDadoda  
6/29/2018 12:22:45 PM



#90  
Hexachloroethane  
Concen: 17.21 ug/l  
RT: 12.60 min Scan# 1970  
Delta R.T. -0.00 min  
Lab File: VX002982.D  
Acq: 28 Jun 2018 13:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 100.6 | 49.0  | 147.0 |





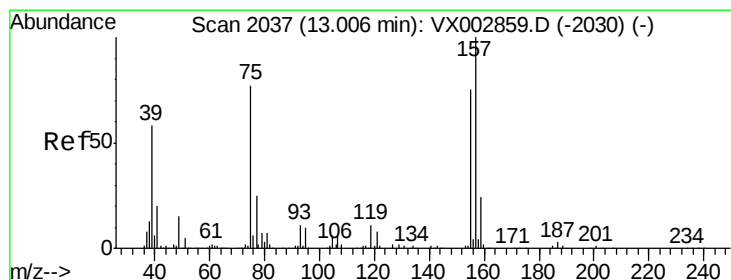
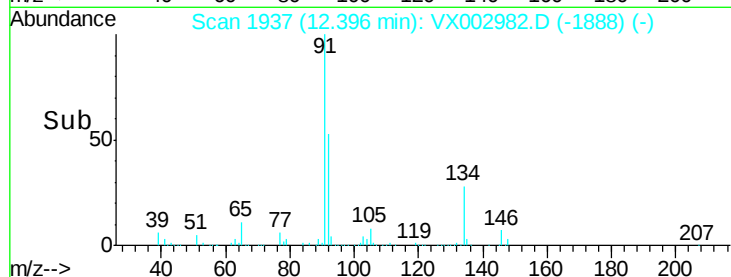
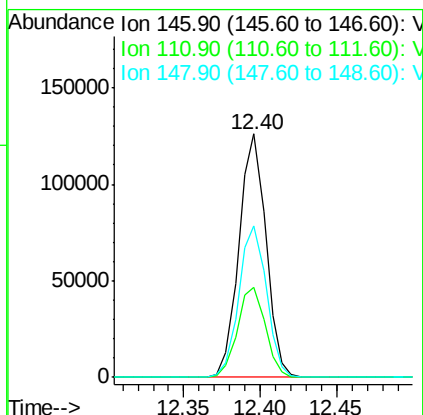
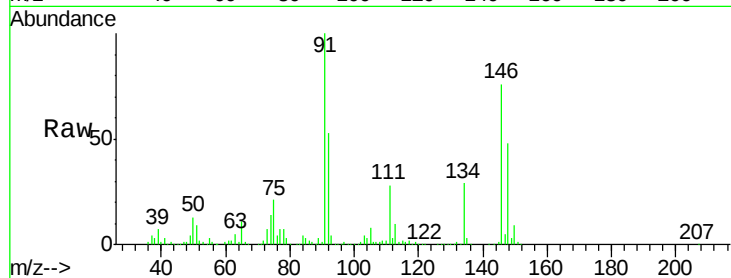
#91  
1,2-Dichlorobenzene  
Concen: 17.92 ug/l  
RT: 12.40 min Scan# 1937  
Delta R.T. -0.00 min  
Lab File: VX002982.D  
Acq: 28 Jun 2018 13:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0628WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.3  | 19.4  | 58.1  |
| 148     | 63.9  | 31.7  | 95.1  |

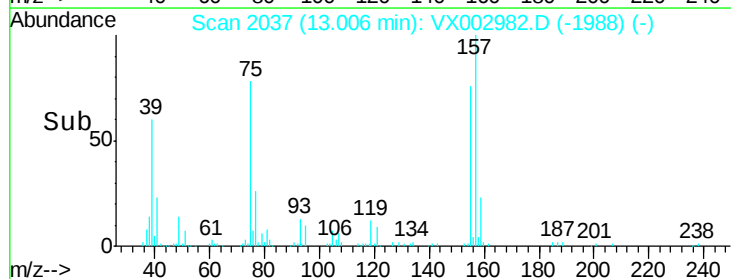
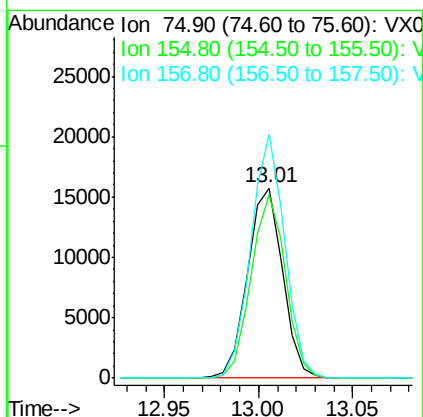
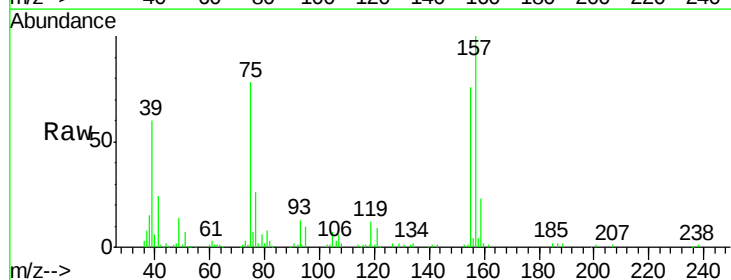
Manual Integrations  
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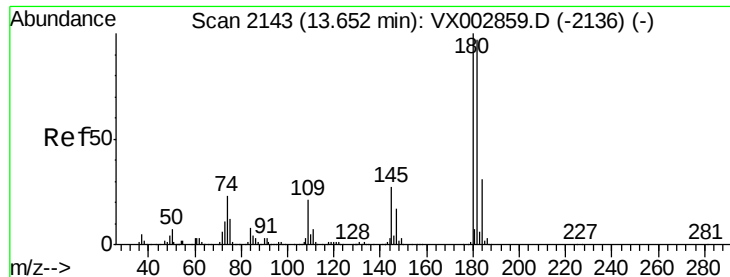
MMDadoda  
6/29/2018 12:22:45 PM



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 17.86 ug/l  
RT: 13.01 min Scan# 2037  
Delta R.T. -0.00 min  
Lab File: VX002982.D  
Acq: 28 Jun 2018 13:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 94.8  | 45.8  | 137.4 |
| 157     | 123.4 | 60.1  | 180.3 |





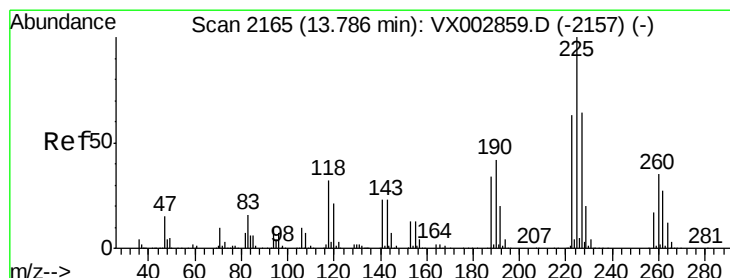
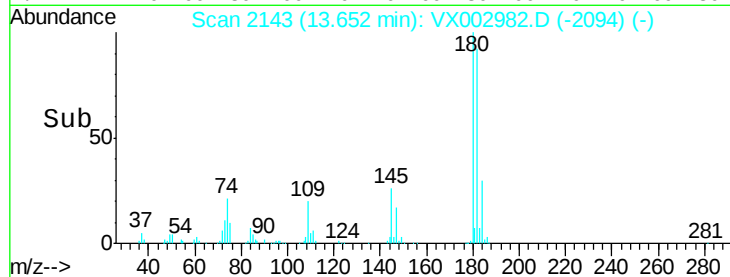
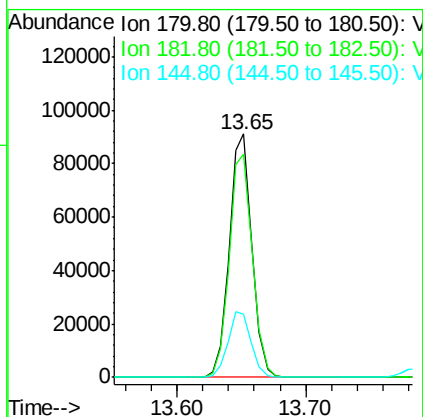
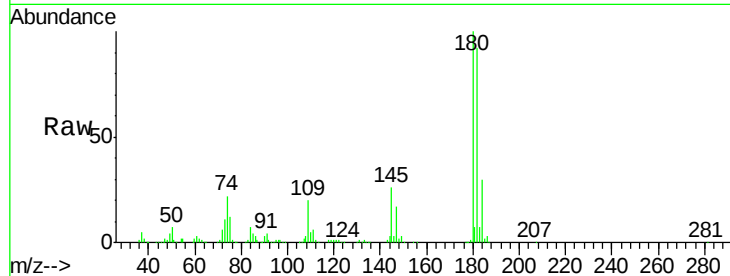
#93  
 1,2,4-Trichlorobenzene  
 Concen: 17.84 ug/l  
 RT: 13.65 min Scan# 2143  
 Delta R.T. -0.00 min  
 Lab File: VX002982.D  
 Acq: 28 Jun 2018 13:54

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0628WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.2  | 47.7  | 143.1 |
| 145     | 27.6  | 14.1  | 42.4  |

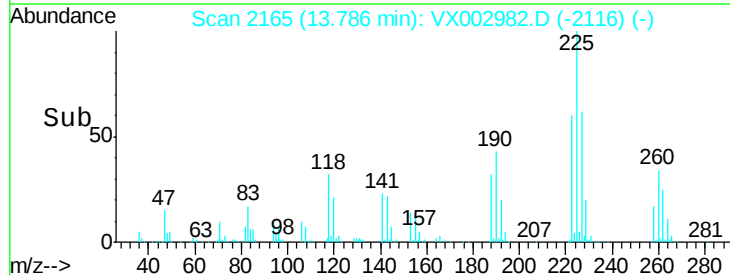
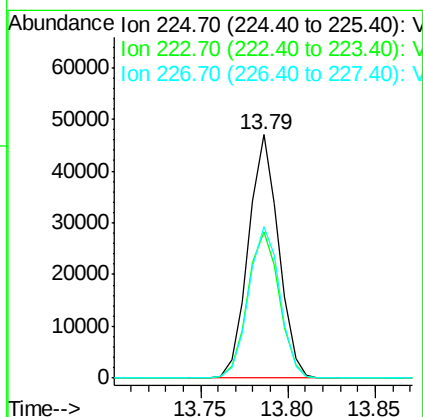
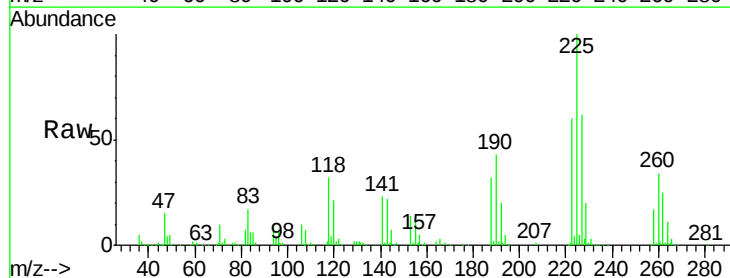
Manual Integrations  
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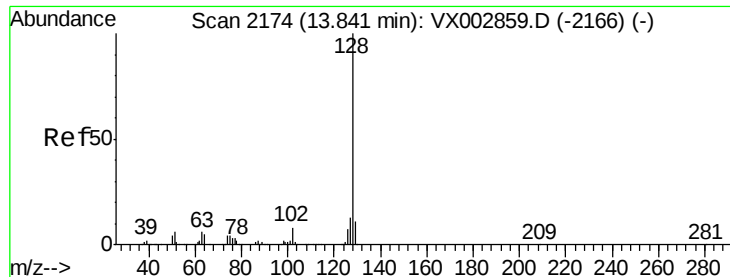
MMDadoda  
 6/29/2018 12:22:45 PM



#94  
 Hexachlorobutadiene  
 Concen: 17.93 ug/l  
 RT: 13.79 min Scan# 2165  
 Delta R.T. -0.00 min  
 Lab File: VX002982.D  
 Acq: 28 Jun 2018 13:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.3  | 31.6  | 95.0  |
| 227     | 64.4  | 32.4  | 97.2  |





#95

Naphthalene

Concen: 18.54 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

Instrument :

MSVOA\_X

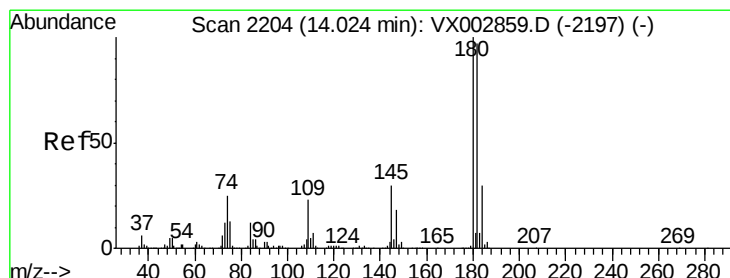
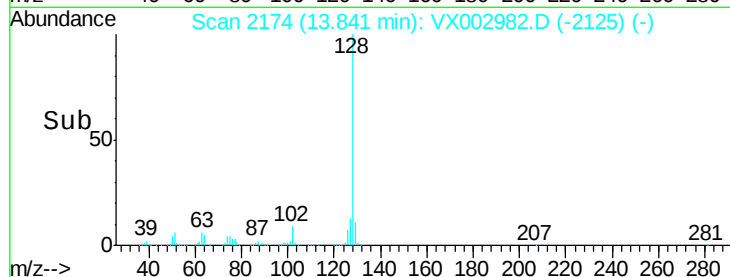
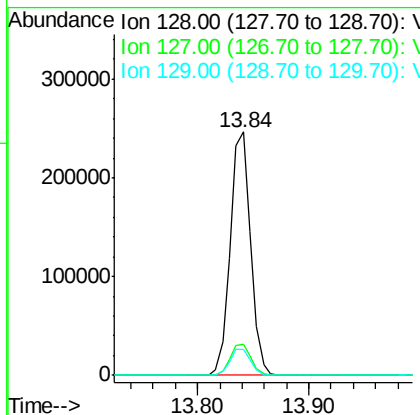
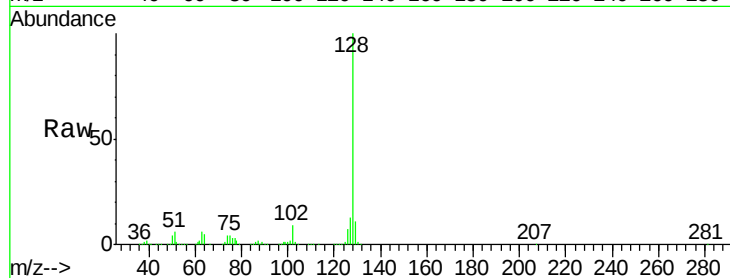
ClientSampleId :

VX0628WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 309984 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.1  | 10.4  | 15.6   |
| 129       | 10.9  | 8.6   | 13.0   |

Manual Integrations  
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#96

1,2,3-Trichlorobenzene

Concen: 18.20 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002982.D

Acq: 28 Jun 2018 13:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 114111 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 97.4  | 48.0  | 144.0  |
| 145       | 30.0  | 14.8  | 44.3   |

