

Data File : VD064162.D  
Acq On : 08 Nov 2019 18:46  
Operator : VA/SY  
Sample : VD1108SBS01  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

Quant Time: Nov 09 01:47:47 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D110819S.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 08 16:20:44 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.99  | 168  | 830881   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.87  | 114  | 1189808  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.65 | 117  | 1020248  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 489361   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 8.34   | 65  | 371668   | 54.39 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 108.78% |      |
| 35) Dibromofluoromethane    | 7.92   | 113 | 359342   | 52.61 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 105.22% |      |
| 50) Toluene-d8              | 10.34  | 98  | 1386150  | 53.80 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 107.60% |      |
| 62) 4-Bromofluorobenzene    | 12.64  | 95  | 462412   | 51.83 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 103.66% |      |

|                               |      |     |         |         |      |     |
|-------------------------------|------|-----|---------|---------|------|-----|
| Target Compounds              |      |     |         | Qvalue  |      |     |
| 2) Dichlorodifluoromethane    | 1.99 | 85  | 129927  | 18.854  | ug/l | 96  |
| 3) Chloromethane              | 2.21 | 50  | 157088  | 21.252  | ug/l | 98  |
| 4) Vinyl Chloride             | 2.35 | 62  | 161631  | 20.448  | ug/l | 99  |
| 5) Bromomethane               | 2.76 | 94  | 103694  | 20.775  | ug/l | 92  |
| 6) Chloroethane               | 2.93 | 64  | 105625  | 20.913  | ug/l | 100 |
| 7) Trichlorofluoromethane     | 3.27 | 101 | 267219  | 20.852  | ug/l | 99  |
| 8) Diethyl Ether              | 3.70 | 74  | 68624   | 19.475  | ug/l | 98  |
| 9) 1,1,2-Trichlorotrifluoroet | 4.09 | 101 | 141720  | 19.348  | ug/l | 99  |
| 10) Methyl Iodide             | 4.30 | 142 | 135800  | 17.613  | ug/l | 100 |
| 11) Tert butyl alcohol        | 5.26 | 59  | 59375   | 128.590 | ug/l | 95  |
| 12) 1,1-Dichloroethene        | 4.06 | 96  | 136002  | 19.480  | ug/l | 95  |
| 13) Acrolein                  | 3.92 | 56  | 32372   | 80.173  | ug/l | 90  |
| 14) Allyl chloride            | 4.71 | 41  | 245141  | 19.859  | ug/l | 98  |
| 15) Acrylonitrile             | 5.43 | 53  | 151386  | 100.777 | ug/l | 99  |
| 16) Acetone                   | 4.17 | 43  | 136325  | 84.210  | ug/l | 94  |
| 17) Carbon Disulfide          | 4.40 | 76  | 431977  | 19.868  | ug/l | 99  |
| 18) Methyl Acetate            | 4.73 | 43  | 91256   | 20.183  | ug/l | 100 |
| 19) Methyl tert-butyl Ether   | 5.49 | 73  | 332051  | 19.922  | ug/l | 98  |
| 20) Methylene Chloride        | 4.97 | 84  | 172064  | 21.041  | ug/l | 96  |
| 21) trans-1,2-Dichloroethene  | 5.47 | 96  | 156283  | 19.758  | ug/l | 98  |
| 22) Diisopropyl ether         | 6.37 | 45  | 453271  | 19.790  | ug/l | 97  |
| 23) Vinyl Acetate             | 6.31 | 43  | 1288187 | 100.898 | ug/l | 100 |
| 24) 1,1-Dichloroethane        | 6.27 | 63  | 265764  | 19.984  | ug/l | 98  |
| 25) 2-Butanone                | 7.23 | 43  | 205021  | 98.027  | ug/l | 96  |
| 26) 2,2-Dichloropropane       | 7.21 | 77  | 254935  | 19.548  | ug/l | 99  |
| 27) cis-1,2-Dichloroethene    | 7.21 | 96  | 165860  | 19.553  | ug/l | 99  |
| 28) Bromochloromethane        | 7.55 | 49  | 75019   | 16.203  | ug/l | 95  |
| 29) Tetrahydrofuran           | 7.57 | 42  | 126897  | 100.984 | ug/l | 99  |
| 30) Chloroform                | 7.71 | 83  | 270555  | 19.889  | ug/l | 99  |
| 31) Cyclohexane               | 7.99 | 56  | 257865  | 19.226  | ug/l | 97  |
| 32) 1,1,1-Trichloroethane     | 7.91 | 97  | 260349  | 19.988  | ug/l | 99  |
| 36) 1,1-Dichloropropene       | 8.11 | 75  | 219387  | 19.979  | ug/l | 99  |
| 37) Ethyl Acetate             | 7.30 | 43  | 96291   | 20.800  | ug/l | 99  |
| 38) Carbon Tetrachloride      | 8.10 | 117 | 227898  | 19.396  | ug/l | 95  |

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ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

Quant Time: Nov 09 01:47:47 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D110819S.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 08 16:20:44 2019  
Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.36  | 83   | 266619   | 19.188  | ug/l   | 96       |
| 40) Benzene                    | 8.35  | 78   | 585912   | 19.523  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.53  | 41   | 59483    | 20.444  | ug/l # | 90       |
| 42) 1,2-Dichloroethane         | 8.43  | 62   | 181547   | 20.142  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.46  | 43   | 188730   | 19.787  | ug/l   | 99       |
| 44) Trichloroethene            | 9.11  | 130  | 174471   | 19.370  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 9.39  | 63   | 143922   | 19.703  | ug/l   | 94       |
| 46) Dibromomethane             | 9.48  | 93   | 77964    | 19.937  | ug/l   | 97       |
| 47) Bromodichloromethane       | 9.67  | 83   | 207754   | 19.723  | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.46  | 41   | 90346    | 19.371  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.47  | 88   | 18215    | 387.836 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 10.23 | 43   | 460387   | 100.653 | ug/l   | 100      |
| 52) Toluene                    | 10.41 | 92   | 387516   | 19.637  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.63 | 75   | 206022   | 19.523  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 10.09 | 75   | 236757   | 19.226  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane      | 10.80 | 97   | 103765   | 19.560  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.67 | 69   | 148525   | 20.014  | ug/l   | 95       |
| 57) 1,3-Dichloropropane        | 10.95 | 76   | 183052   | 19.785  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.94  | 63   | 301054   | 100.150 | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.99 | 43   | 318381   | 97.839  | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.14 | 129  | 146297   | 19.763  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.25 | 107  | 105043   | 19.769  | ug/l   | 98       |
| 64) Tetrachloroethene          | 10.88 | 164  | 151952   | 19.365  | ug/l   | 97       |
| 65) Chlorobenzene              | 11.67 | 112  | 404495   | 19.497  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.74 | 131  | 153698   | 19.483  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.75 | 91   | 726288   | 19.354  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.86 | 106  | 561675   | 39.048  | ug/l   | 99       |
| 69) o-Xylene                   | 12.18 | 106  | 256609   | 19.235  | ug/l   | 97       |
| 70) Styrene                    | 12.20 | 104  | 444896   | 19.105  | ug/l   | 100      |
| 71) Bromoform                  | 12.36 | 173  | 89805    | 20.003  | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.48 | 105  | 716052   | 19.935  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.29 | 43   | 170256   | 20.072  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.73 | 83   | 110063   | 20.336  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.78 | 75   | 149575   | 37.947  | ug/l # | 100      |
| 77) Bromobenzene               | 12.77 | 156  | 173709   | 19.906  | ug/l   | 99       |
| 78) n-propylbenzene            | 12.83 | 91   | 810278   | 19.745  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.91 | 91   | 455663   | 19.667  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.96 | 105  | 579289   | 19.627  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-buten | 12.53 | 75   | 38742    | 19.524  | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 13.01 | 91   | 478452   | 19.799  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 13.23 | 119  | 497234   | 19.106  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.27 | 105  | 571111   | 19.600  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.41 | 105  | 681235   | 19.489  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.52 | 119  | 635835   | 19.134  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 13.52 | 146  | 313326   | 19.343  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.60 | 146  | 309013   | 19.546  | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.84 | 91   | 588595   | 19.605  | ug/l   | 100      |
| 90) Hexachloroethane           | 14.11 | 117  | 118705   | 19.329  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 13.89 | 146  | 269472   | 19.655  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.51 | 75   | 19888    | 20.552  | ug/l   | 92       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_D\DATA\VD110819\  
Quantitation Report (Not Reviewed)

Data File : VD064162.D  
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Operator : VA/SY  
Sample : VD1108SBS01  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

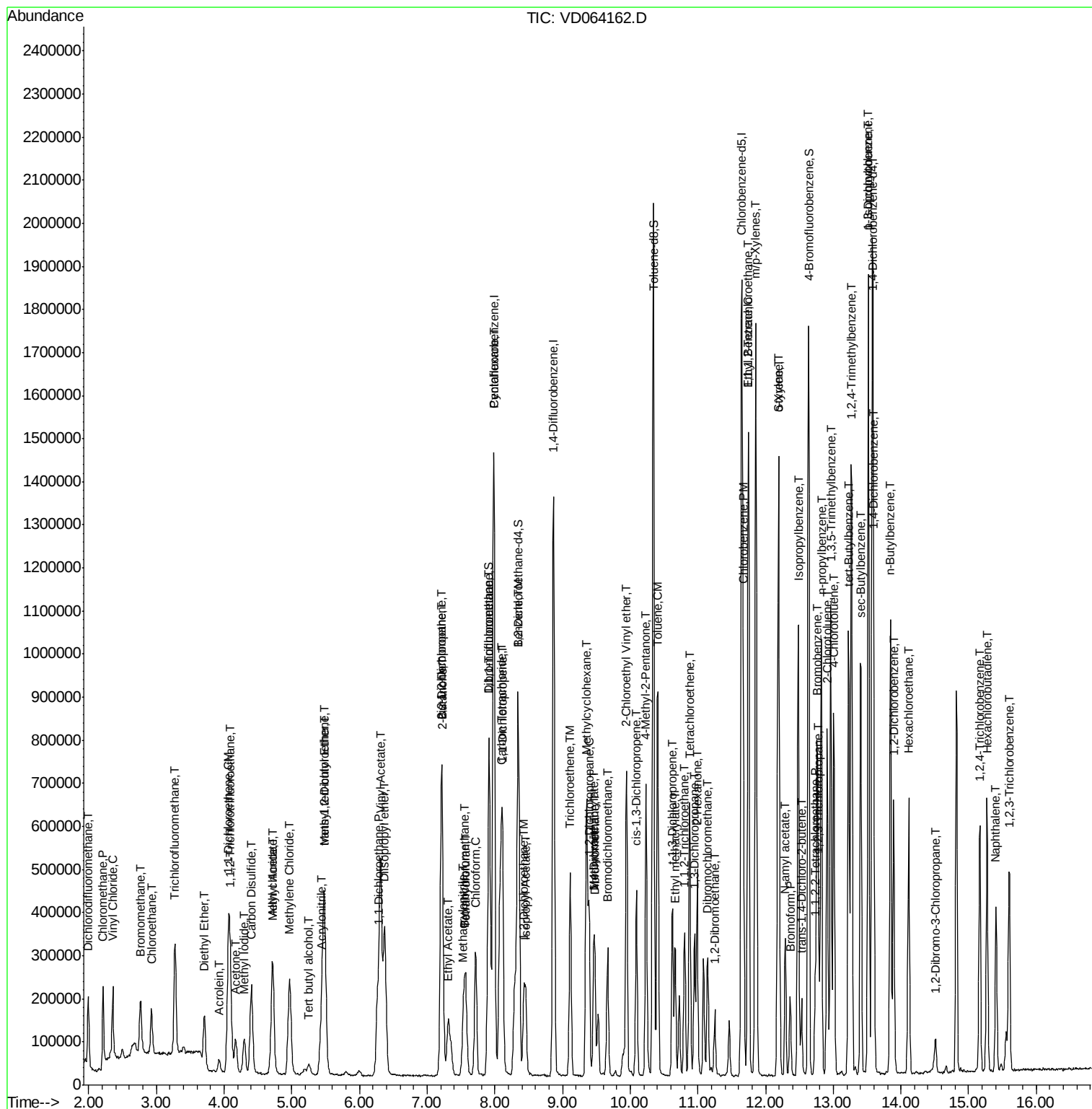
Quant Time: Nov 09 01:47:47 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D110819S.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 08 16:20:44 2019  
Response via : Initial Calibration

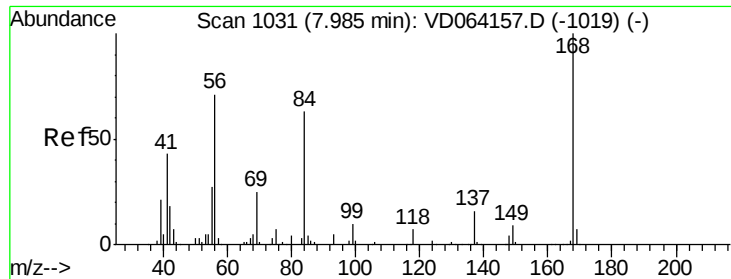
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.17 | 180  | 201230   | 19.026 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.27 | 225  | 134762   | 19.727 | ug/l  | 99       |
| 95) Naphthalene            | 15.41 | 128  | 345973   | 19.955 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.60 | 180  | 172829   | 19.224 | ug/l  | 99       |

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

**Instrument :**  
MSVOA\_D  
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VD1108SBS01

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Quant Title : SW846 8260  
QLast Update : Fri Nov 08 16:20:44 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064162.D

Acq: 08 Nov 2019 18:46

Instrument :

MSVOA\_D

ClientSampleId :

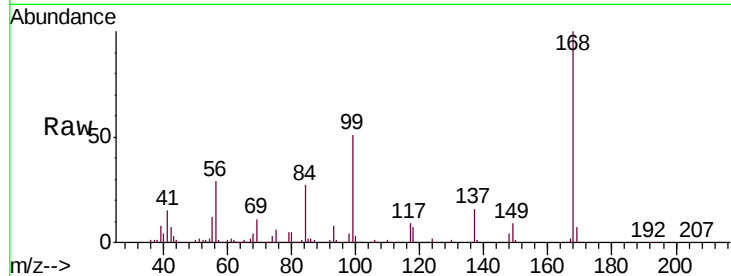
VD1108SBS01

Tgt Ion:168 Resp: 830881

Ion Ratio Lower Upper

168 100

99 51.2 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

400000

300000

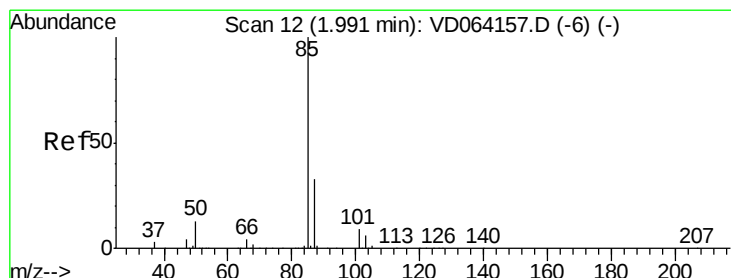
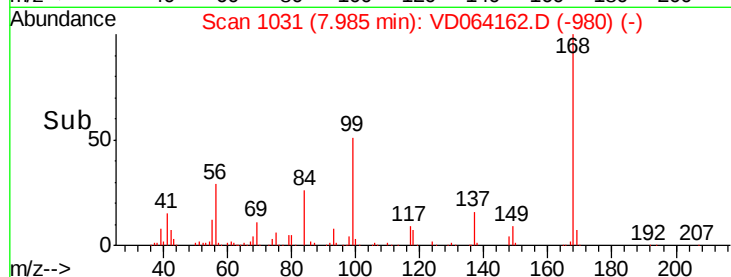
200000

100000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 18.854 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD064162.D

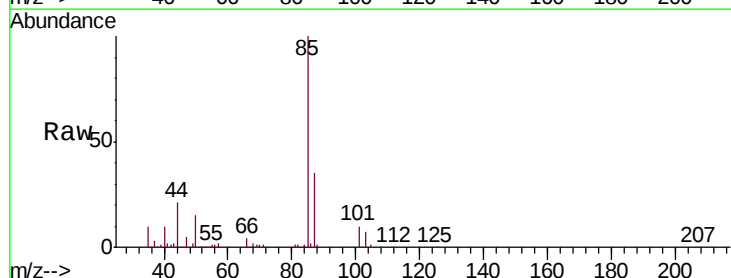
Acq: 08 Nov 2019 18:46

Tgt Ion: 85 Resp: 129927

Ion Ratio Lower Upper

85 100

87 34.9 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

100000

80000

60000

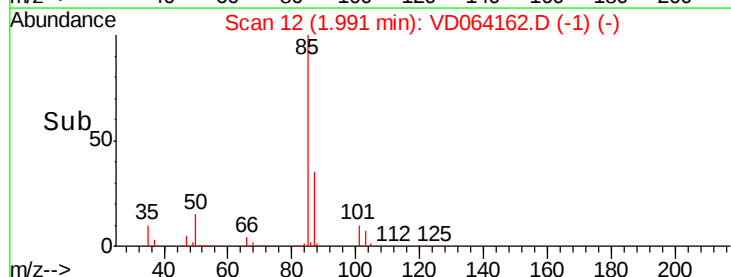
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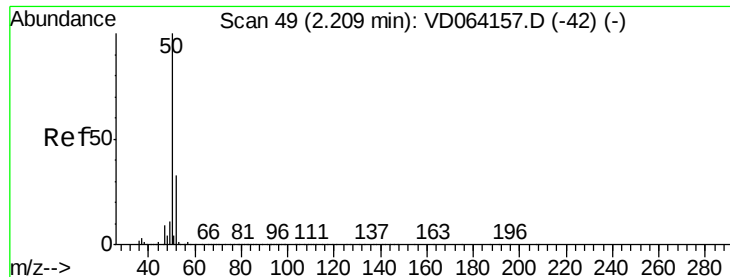
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0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 21.252 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD064162.D

Acq: 08 Nov 2019 18:46

Instrument :

MSVOA\_D

ClientSampleId :

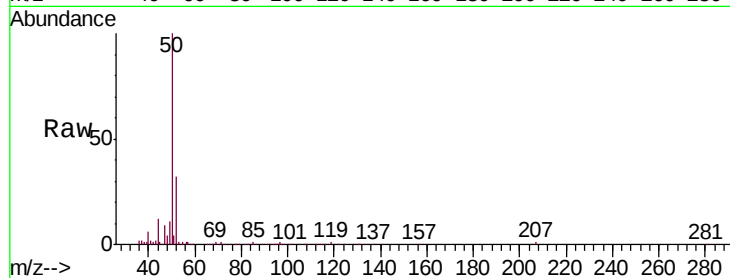
VD1108SBS01

Tgt Ion: 50 Resp: 157088

Ion Ratio Lower Upper

50 100

52 32.0 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

120000

100000

80000

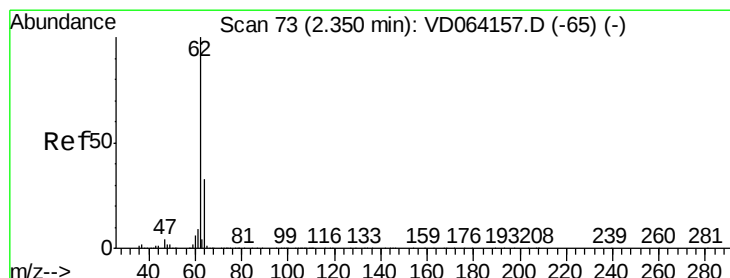
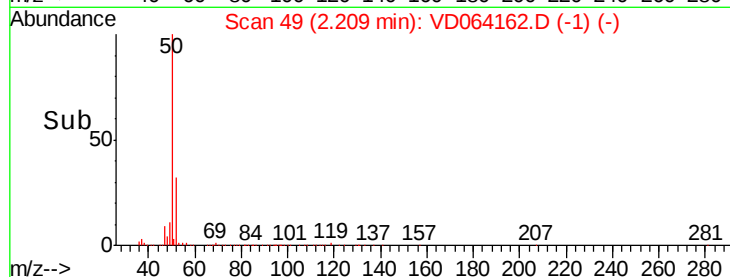
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40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 20.448 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD064162.D

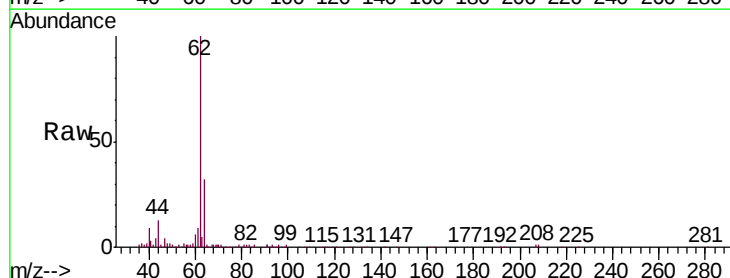
Acq: 08 Nov 2019 18:46

Tgt Ion: 62 Resp: 161631

Ion Ratio Lower Upper

62 100

64 31.9 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

100000

80000

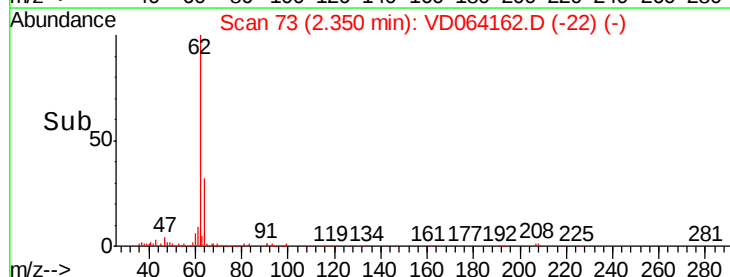
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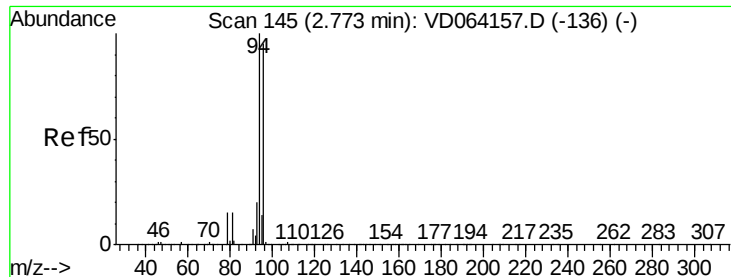
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20000

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Time-->





#5

Bromomethane

Concen: 20.775 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD064162.D

Acq: 08 Nov 2019 18:46

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ClientSampleId :

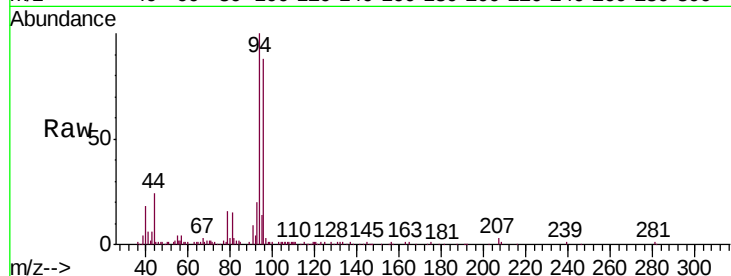
VD1108SBS01

Tgt Ion: 94 Resp: 103694

Ion Ratio Lower Upper

94 100

96 87.7 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.76

50000

40000

30000

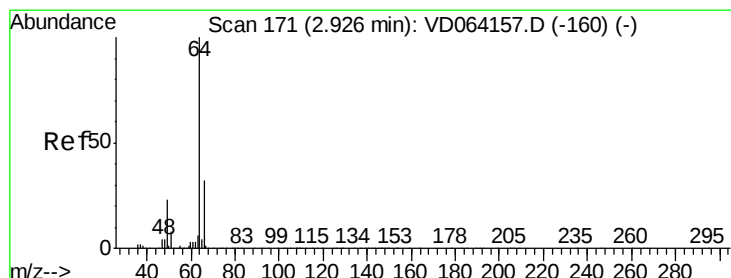
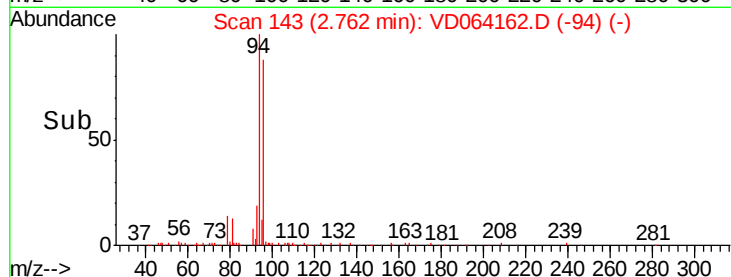
20000

10000

0

Time-->

2.70 2.80



#6

Chloroethane

Concen: 20.913 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.00 min

Lab File: VD064162.D

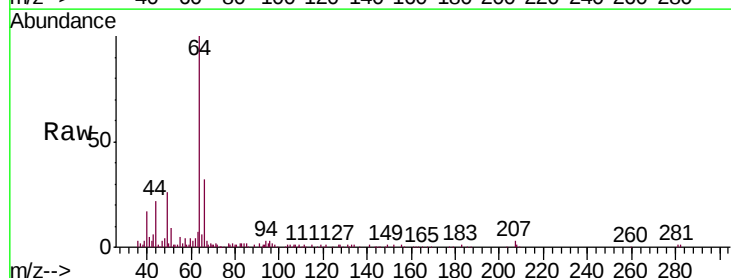
Acq: 08 Nov 2019 18:46

Tgt Ion: 64 Resp: 105625

Ion Ratio Lower Upper

64 100

66 31.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.93

50000

40000

30000

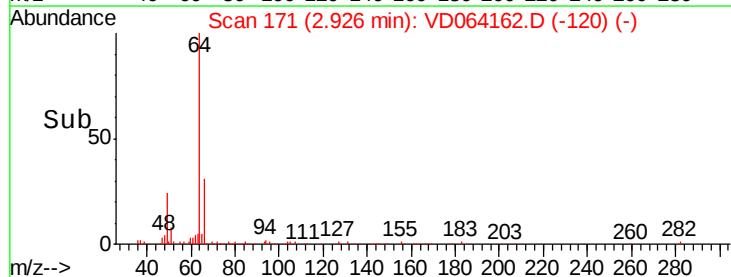
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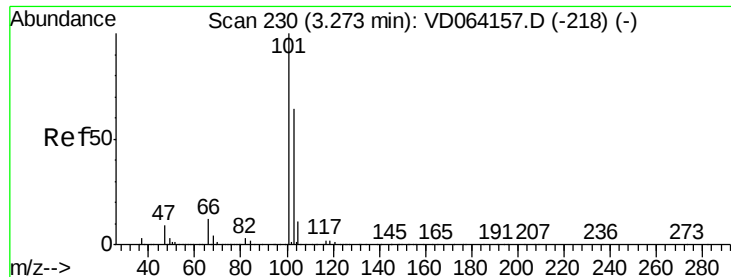
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0

Time-->

2.80 2.90 3.00



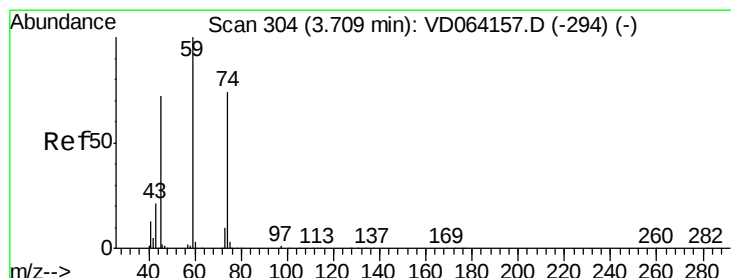
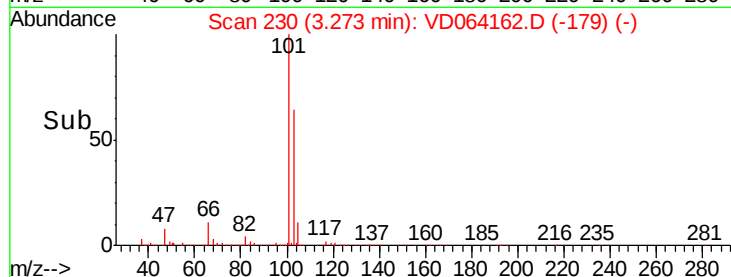
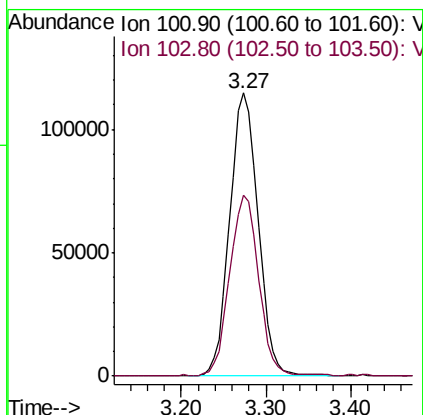
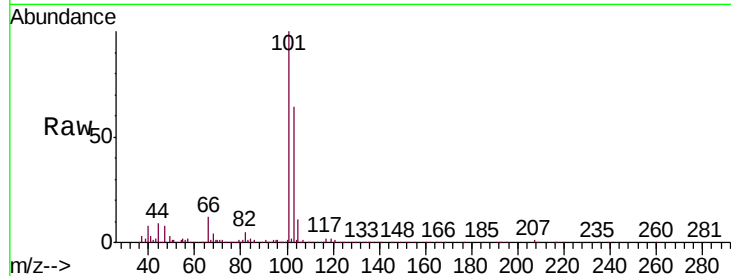


#7

Trichlorofluoromethane  
 Concen: 20.852 ug/l  
 RT: 3.27 min Scan# 230  
 Delta R.T. 0.00 min  
 Lab File: VD064162.D  
 Acq: 08 Nov 2019 18:46

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1108SBS01

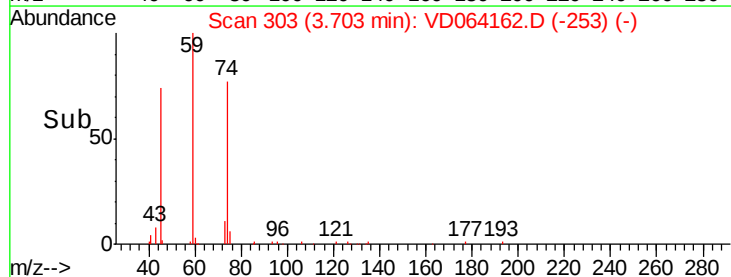
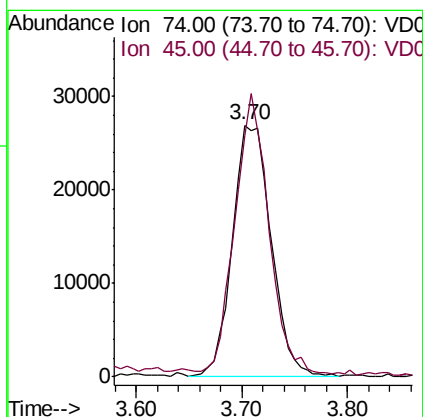
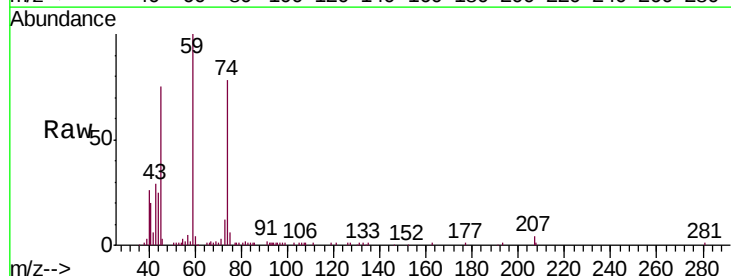
Tgt Ion:101 Resp: 267219  
 Ion Ratio Lower Upper  
 101 100  
 103 64.2 50.8 76.2



#8

Diethyl Ether  
 Concen: 19.475 ug/l  
 RT: 3.70 min Scan# 303  
 Delta R.T. -0.01 min  
 Lab File: VD064162.D  
 Acq: 08 Nov 2019 18:46

Tgt Ion: 74 Resp: 68624  
 Ion Ratio Lower Upper  
 74 100  
 45 98.0 47.9 143.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.348 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD064162.D

Acq: 08 Nov 2019 18:46

Instrument :

MSVOA\_D

ClientSampleId :

VD1108SBS01

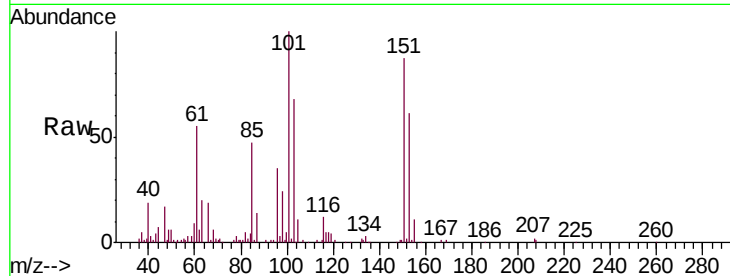
Tgt Ion:101 Resp: 141720

Ion Ratio Lower Upper

101 100

85 45.0 34.4 51.6

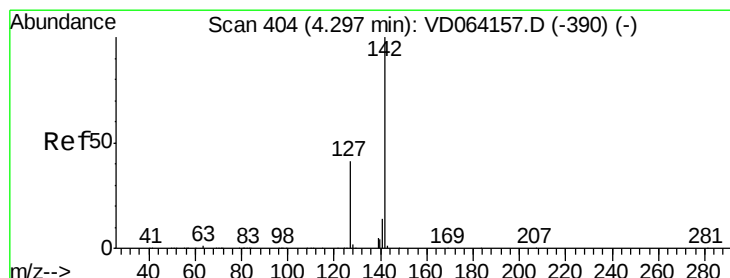
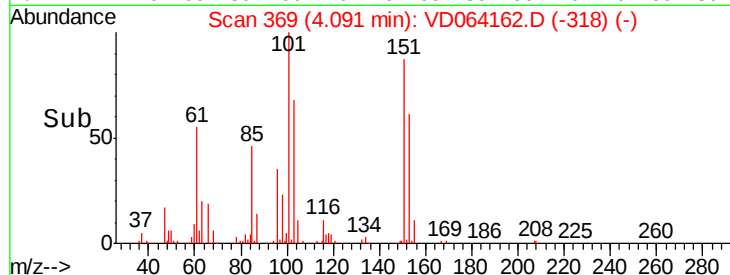
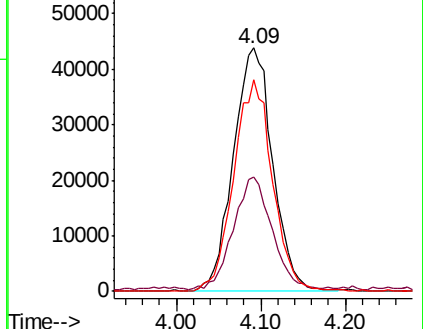
151 85.5 68.1 102.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.613 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD064162.D

Acq: 08 Nov 2019 18:46

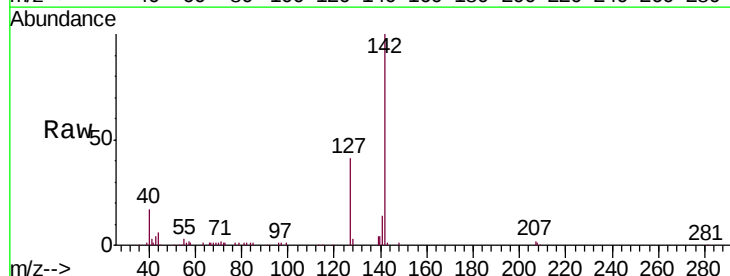
Tgt Ion:142 Resp: 135800

Ion Ratio Lower Upper

142 100

127 42.7 34.4 51.6

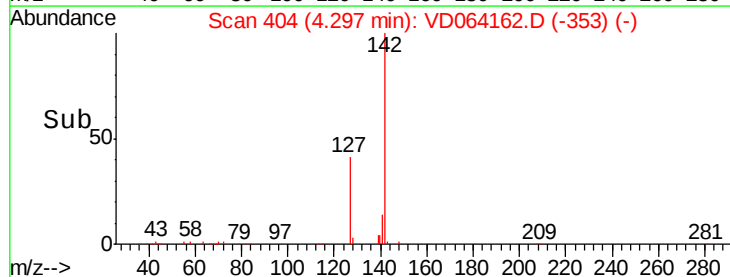
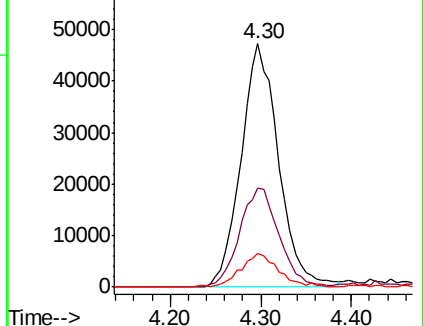
141 14.0 11.2 16.8



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



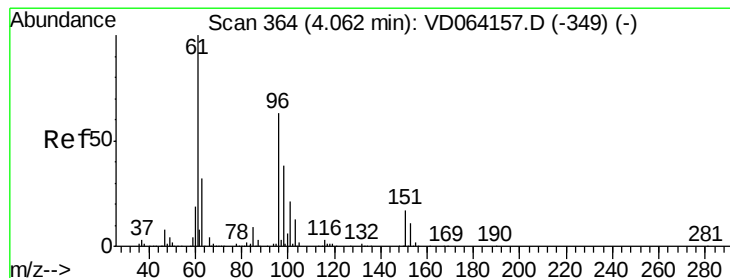
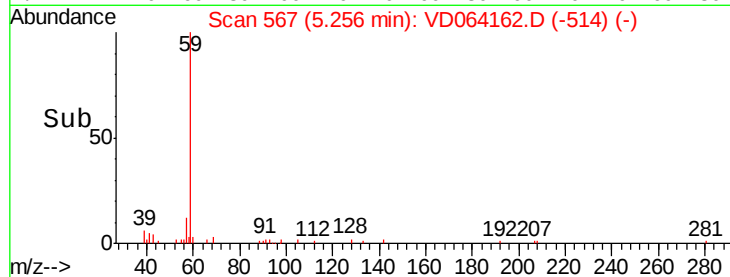
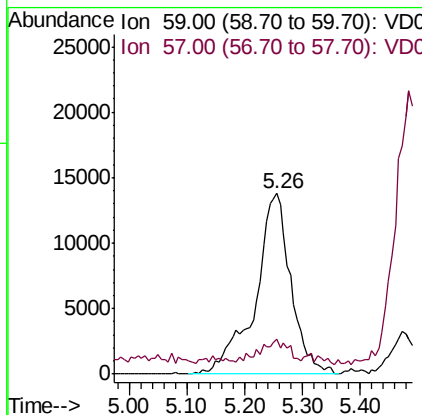
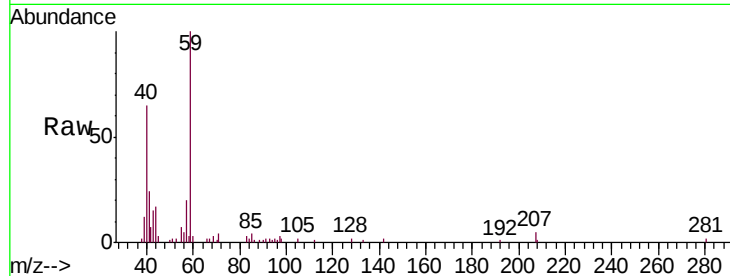


#11

Tert butyl alcohol  
 Concen: 128.590 ug/l  
 RT: 5.26 min Scan# 567  
 Delta R.T. 0.01 min  
 Lab File: VD064162.D  
 Acq: 08 Nov 2019 18:46

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1108SBS01

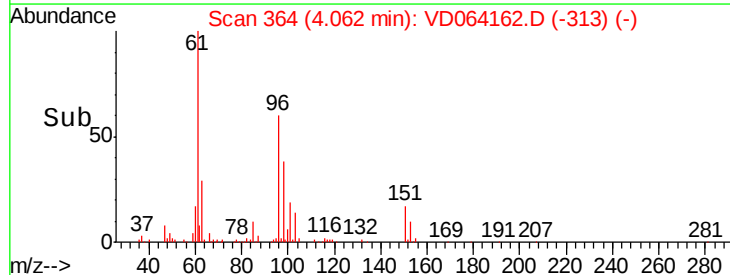
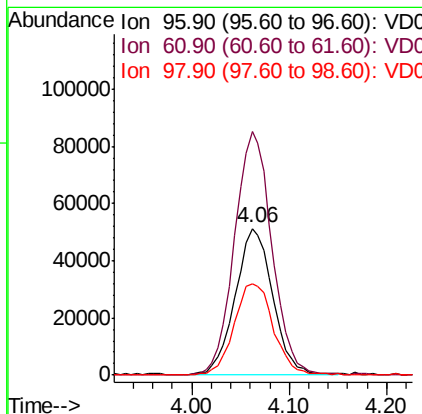
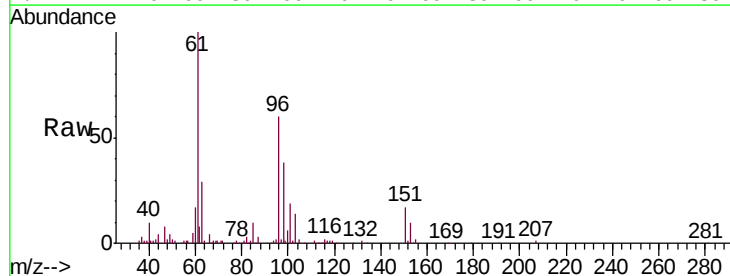
Tgt Ion: 59 Resp: 59375  
 Ion Ratio Lower Upper  
 59 100  
 57 10.0 9.4 14.2

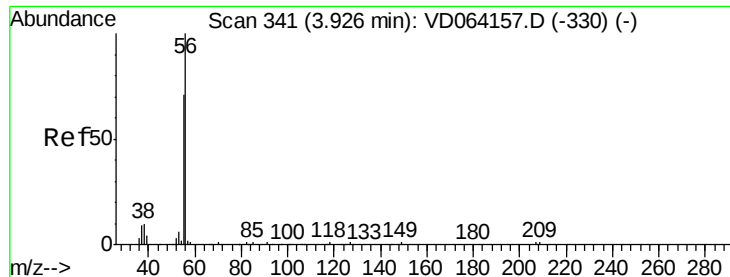


#12

1,1-Dichloroethene  
 Concen: 19.480 ug/l  
 RT: 4.06 min Scan# 364  
 Delta R.T. 0.00 min  
 Lab File: VD064162.D  
 Acq: 08 Nov 2019 18:46

Tgt Ion: 96 Resp: 136002  
 Ion Ratio Lower Upper  
 96 100  
 61 167.6 127.4 191.2  
 98 62.6 48.1 72.1





#13

Acrolein

Concen: 80.173 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD064162.D

Acq: 08 Nov 2019 18:46

Instrument :

MSVOA\_D

ClientSampleId :

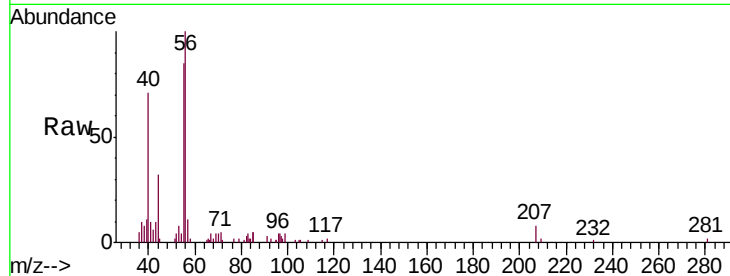
VD1108SBS01

Tgt Ion: 56 Resp: 32372

Ion Ratio Lower Upper

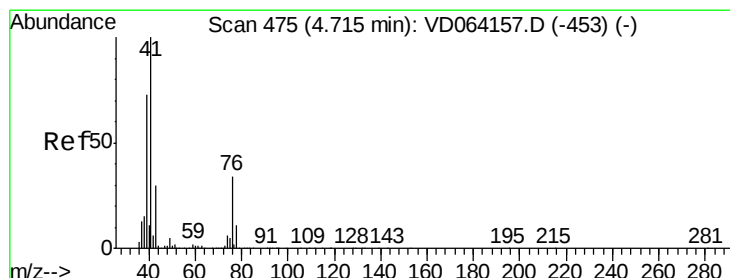
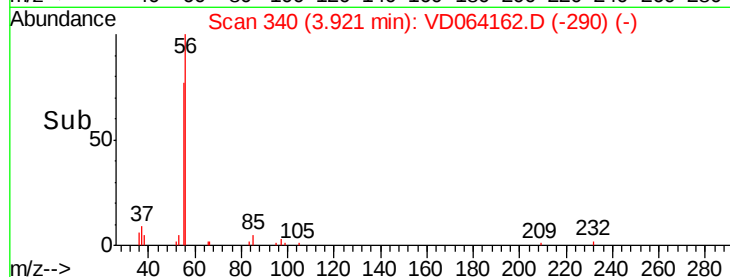
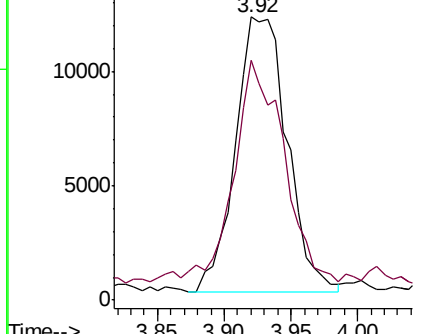
56 100

55 78.2 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 19.859 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD064162.D

Acq: 08 Nov 2019 18:46

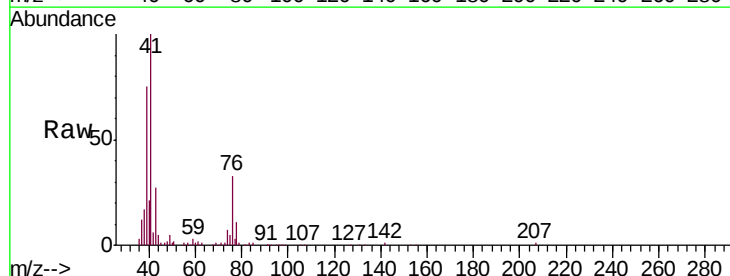
Tgt Ion: 41 Resp: 245141

Ion Ratio Lower Upper

41 100

39 73.8 57.5 86.3

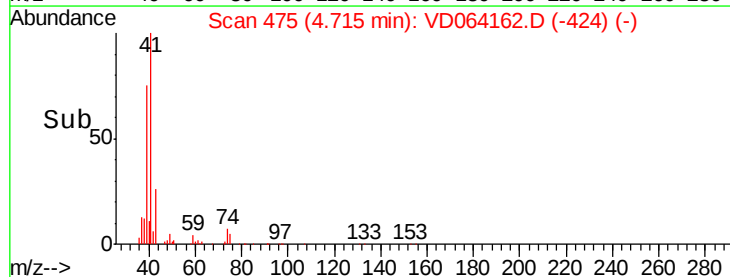
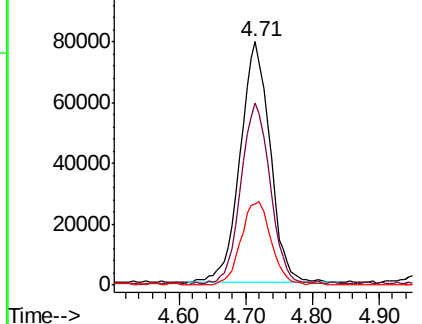
76 34.6 26.8 40.2



Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 100.777 ug/l

RT: 5.43 min Scan# 597

Delta R.T. 0.00 min

Lab File: VD064162.D

Acq: 08 Nov 2019 18:46

Instrument :

MSVOA\_D

ClientSampleId :

VD1108SBS01

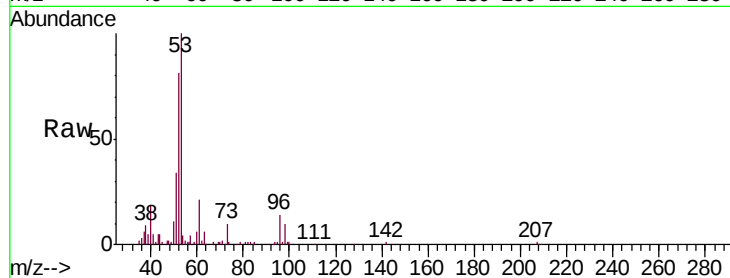
Tgt Ion: 53 Resp: 151386

Ion Ratio Lower Upper

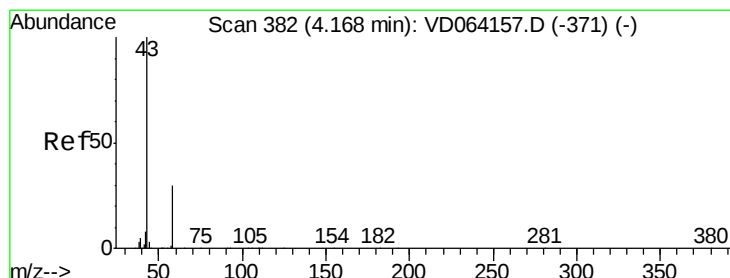
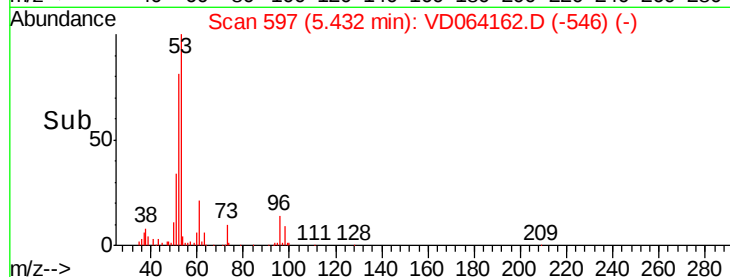
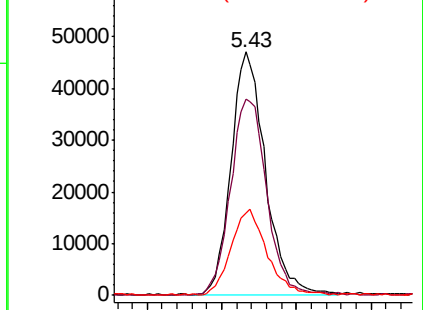
53 100

52 84.6 66.7 100.1

51 37.2 30.6 46.0



Abundance Ion 53.00 (52.70 to 53.70): VDC  
Ion 52.00 (51.70 to 52.70): VDC  
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 84.210 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064162.D

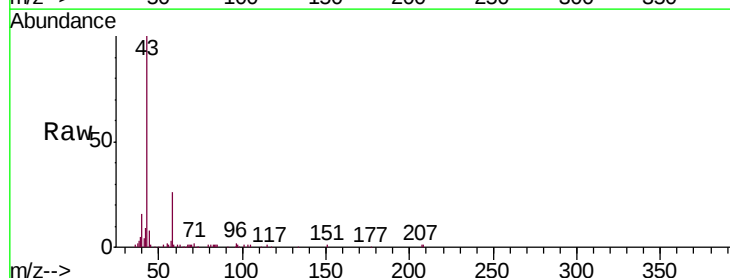
Acq: 08 Nov 2019 18:46

Tgt Ion: 43 Resp: 136325

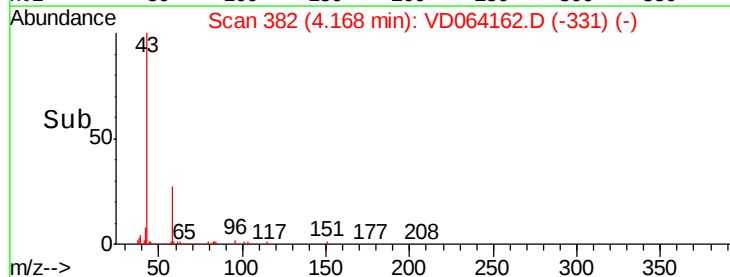
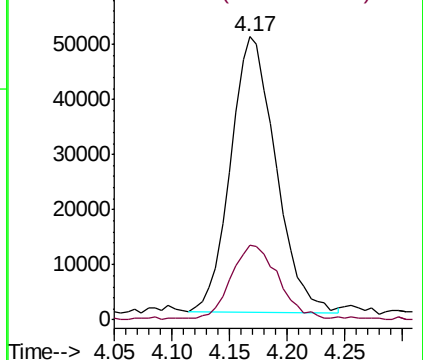
Ion Ratio Lower Upper

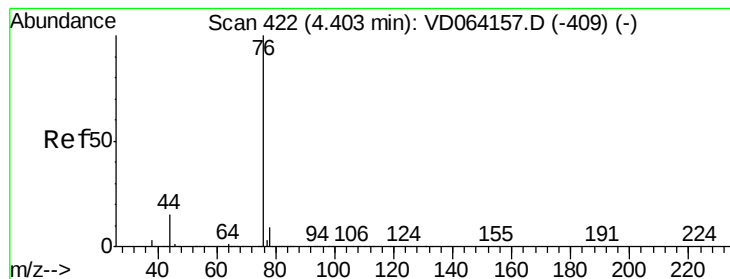
43 100

58 26.6 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VDC  
Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 19.868 ug/l

RT: 4.40 min Scan# 422

Delta R.T. 0.00 min

Lab File: VD064162.D

Acq: 08 Nov 2019 18:46

Instrument :

MSVOA\_D

ClientSampleId :

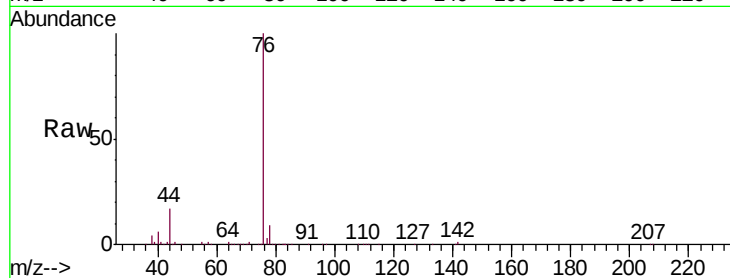
VD1108SBS01

Tgt Ion: 76 Resp: 431977

Ion Ratio Lower Upper

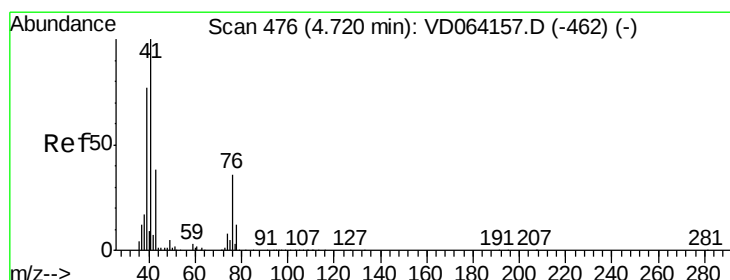
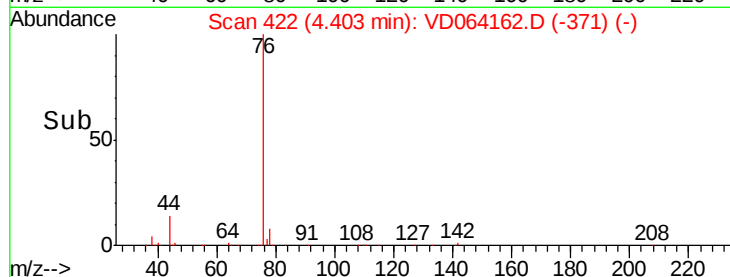
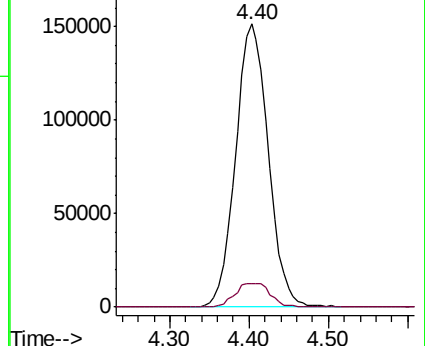
76 100

78 8.5 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 20.183 ug/l

RT: 4.73 min Scan# 477

Delta R.T. 0.01 min

Lab File: VD064162.D

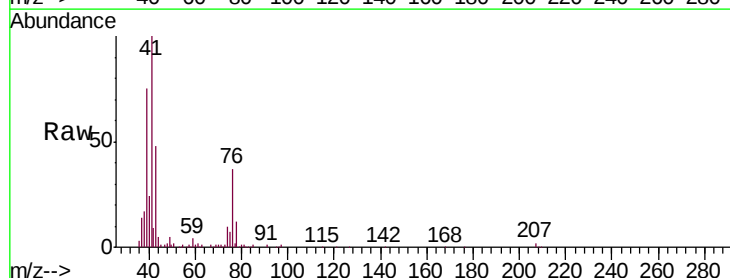
Acq: 08 Nov 2019 18:46

Tgt Ion: 43 Resp: 91256

Ion Ratio Lower Upper

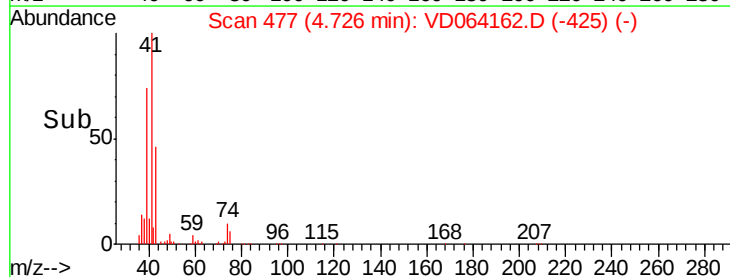
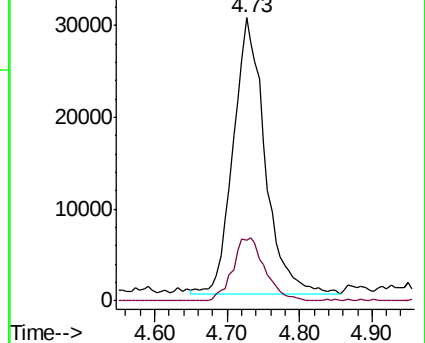
43 100

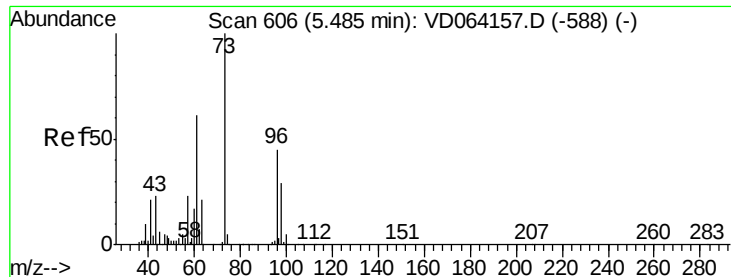
74 23.1 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

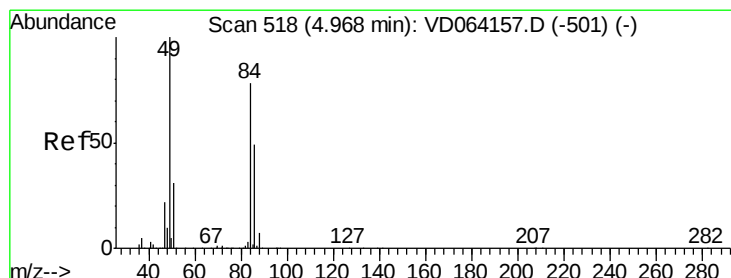
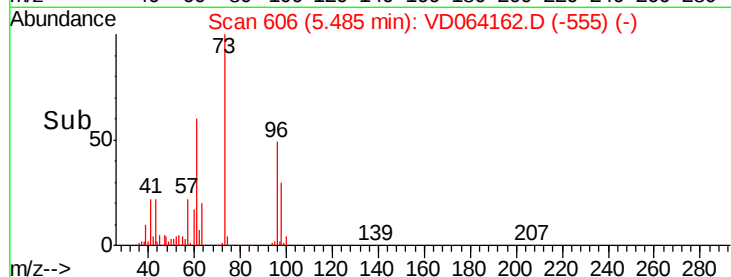
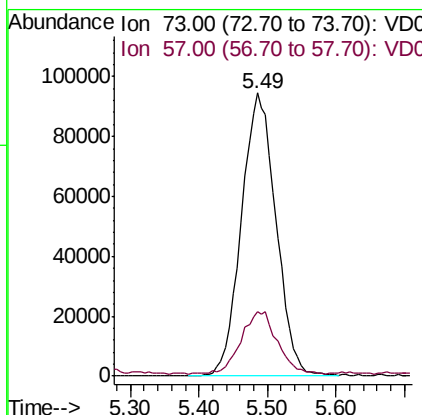
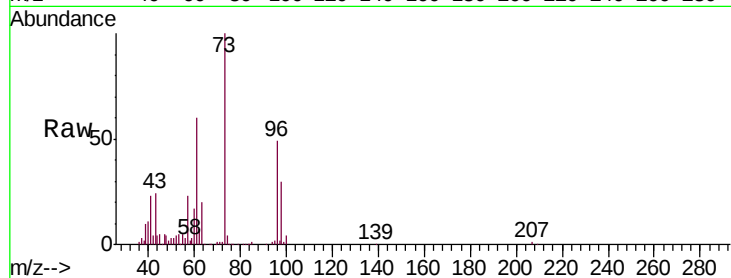




#19  
Methyl tert-butyl Ether  
Concen: 19.922 ug/l  
RT: 5.49 min Scan# 606  
Delta R.T. 0.00 min  
Lab File: VD064162.D  
Acq: 08 Nov 2019 18:46

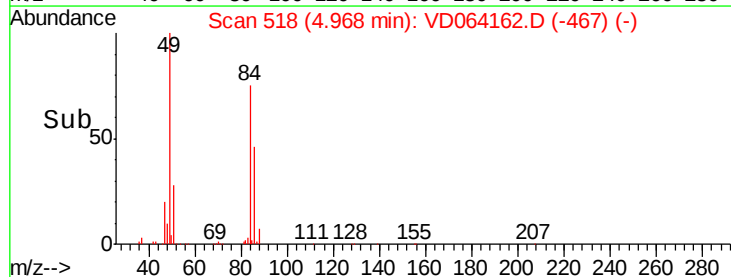
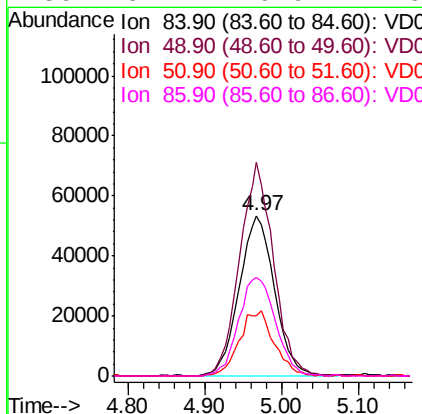
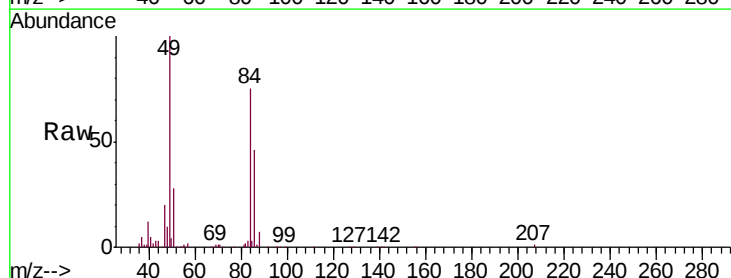
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

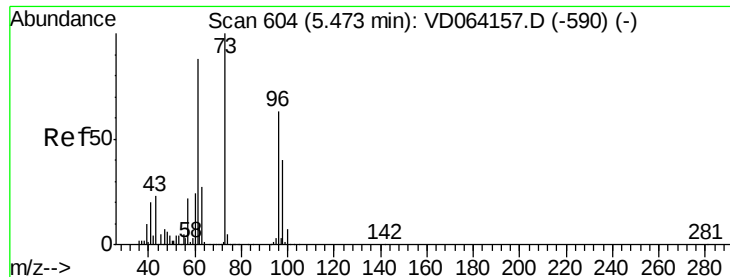
Tgt Ion: 73 Resp: 332051  
Ion Ratio Lower Upper  
73 100  
57 22.1 18.4 27.6



#20  
Methylene Chloride  
Concen: 21.041 ug/l  
RT: 4.97 min Scan# 518  
Delta R.T. 0.00 min  
Lab File: VD064162.D  
Acq: 08 Nov 2019 18:46

Tgt Ion: 84 Resp: 172064  
Ion Ratio Lower Upper  
84 100  
49 132.9 102.1 153.1  
51 37.3 32.2 48.2  
86 61.2 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 19.758 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD064162.D

Acq: 08 Nov 2019 18:46

Instrument :

MSVOA\_D

ClientSampleId :

VD1108SBS01

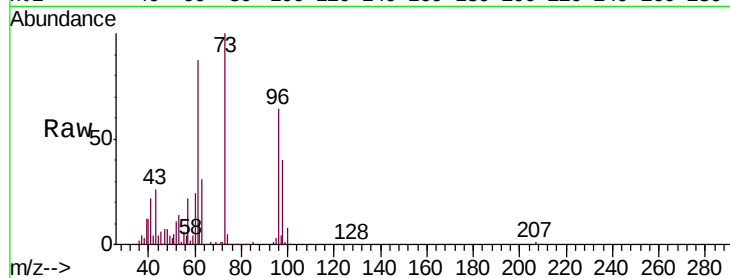
Tgt Ion: 96 Resp: 156283

Ion Ratio Lower Upper

96 100

61 136.5 111.8 167.6

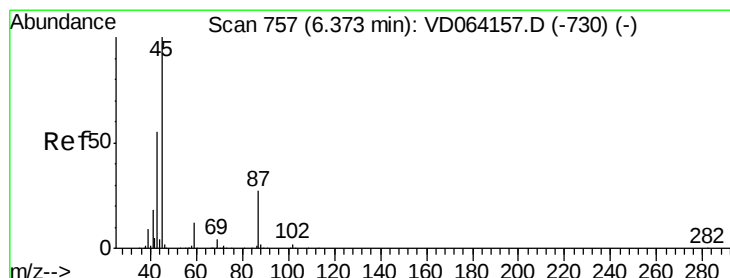
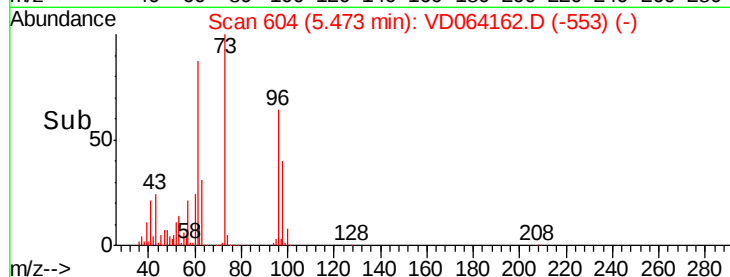
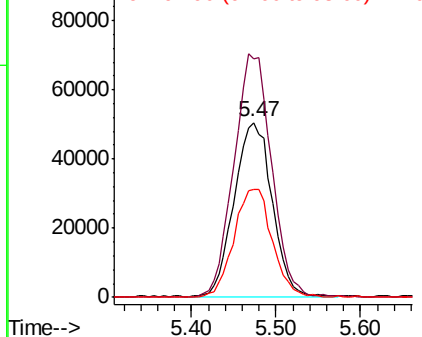
98 61.9 50.3 75.5



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 19.790 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.01 min

Lab File: VD064162.D

Acq: 08 Nov 2019 18:46

Tgt Ion: 45 Resp: 453271

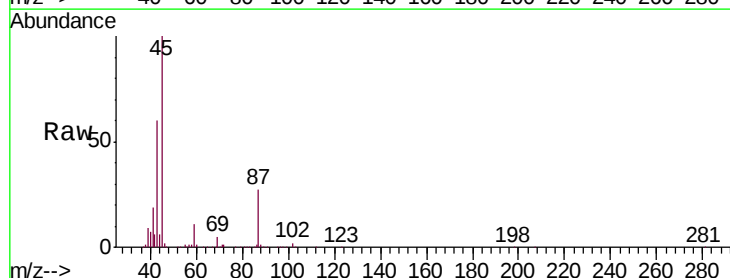
Ion Ratio Lower Upper

45 100

43 59.2 44.4 66.6

87 27.4 21.9 32.9

59 11.0 9.4 14.2

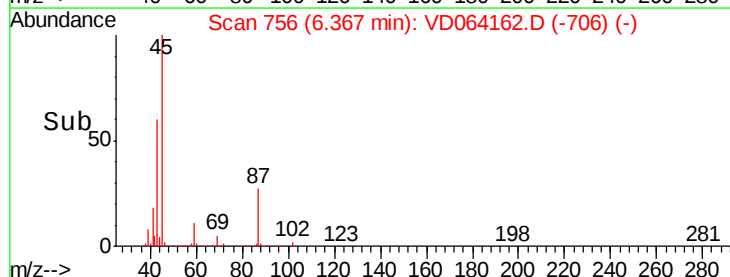
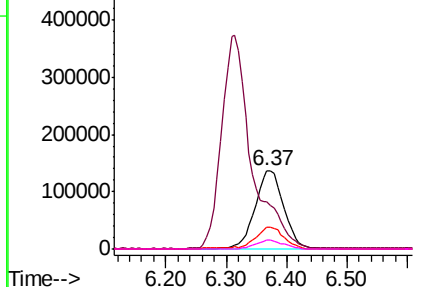


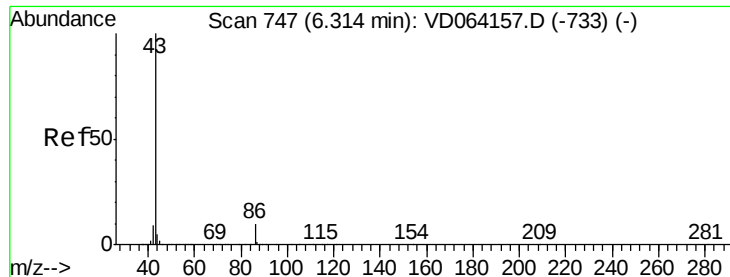
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 100.898 ug/l

RT: 6.31 min Scan# 747

Delta R.T. 0.00 min

Lab File: VD064162.D

Acq: 08 Nov 2019 18:46

Instrument :

MSVOA\_D

ClientSampleId :

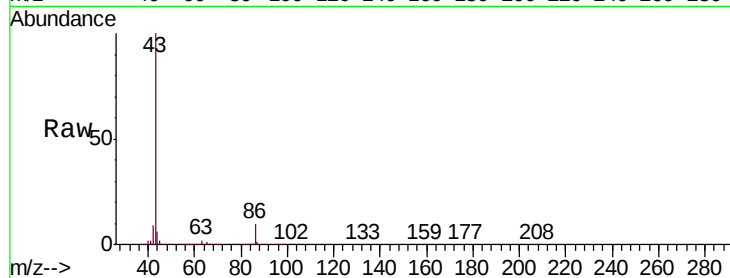
VD1108SBS01

Tgt Ion: 43 Resp: 1288187

Ion Ratio Lower Upper

43 100

86 10.2 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.31

400000

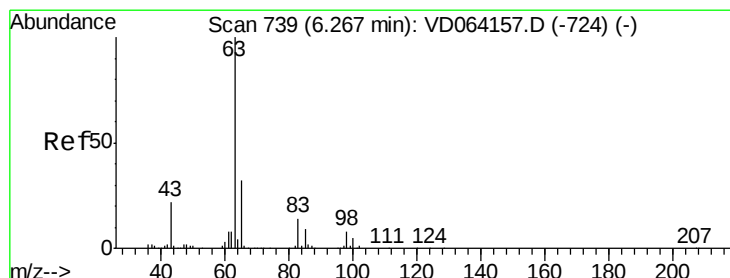
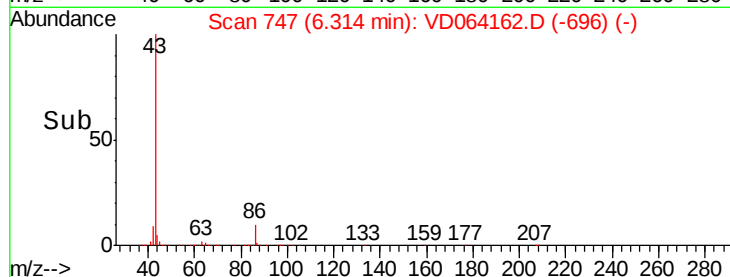
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.984 ug/l

RT: 6.27 min Scan# 740

Delta R.T. 0.01 min

Lab File: VD064162.D

Acq: 08 Nov 2019 18:46

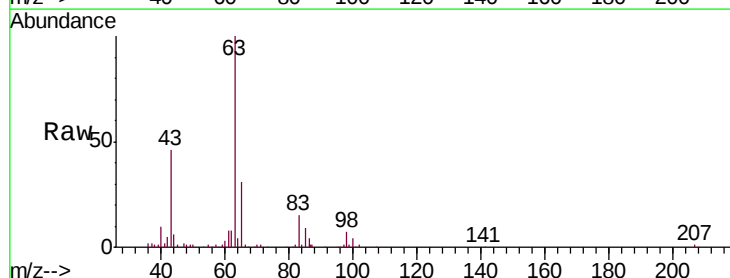
Tgt Ion: 63 Resp: 265764

Ion Ratio Lower Upper

63 100

98 7.0 3.8 11.4

100 3.7 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.27

100000

80000

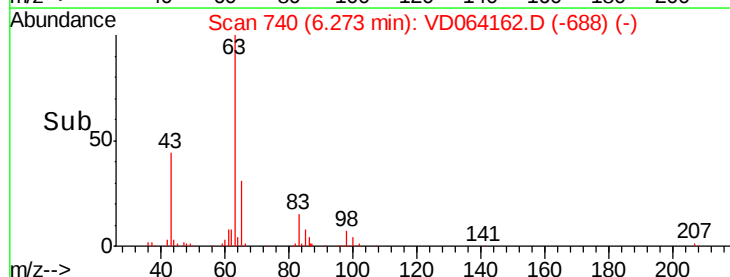
60000

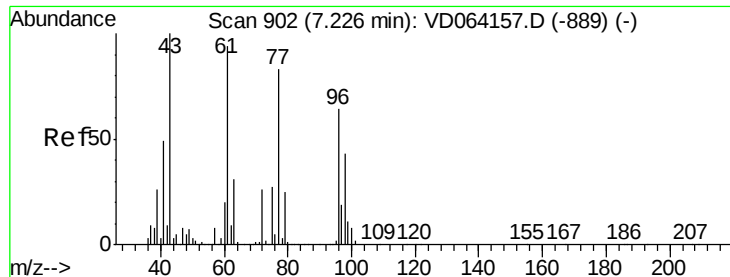
40000

20000

0

Time-->

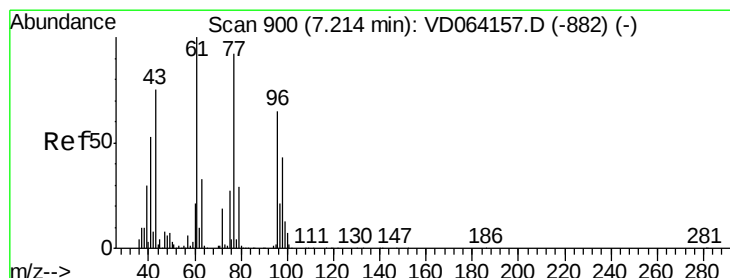
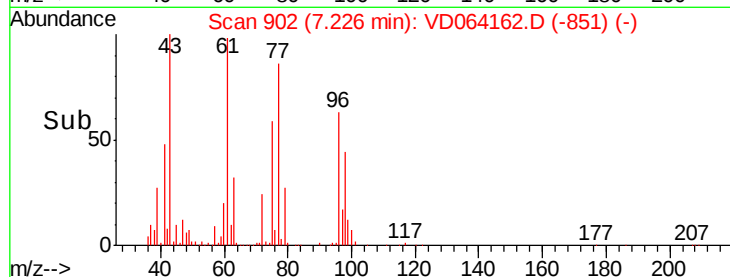
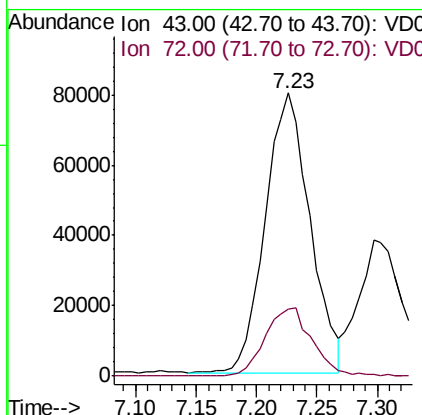
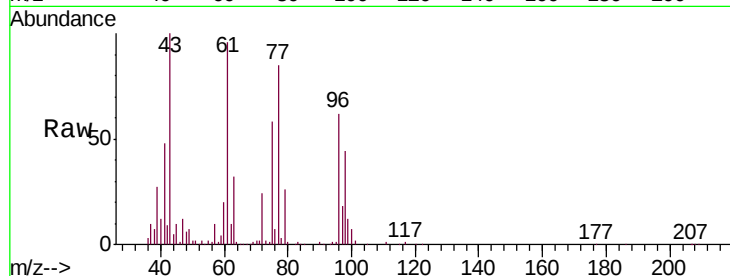




#25  
2-Butanone  
Concen: 98.027 ug/l  
RT: 7.23 min Scan# 902  
Delta R.T. 0.00 min  
Lab File: VD064162.D  
Acq: 08 Nov 2019 18:46

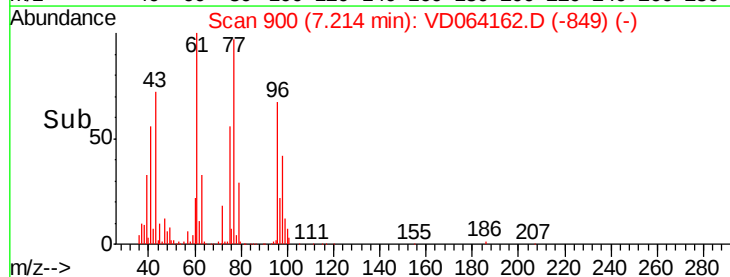
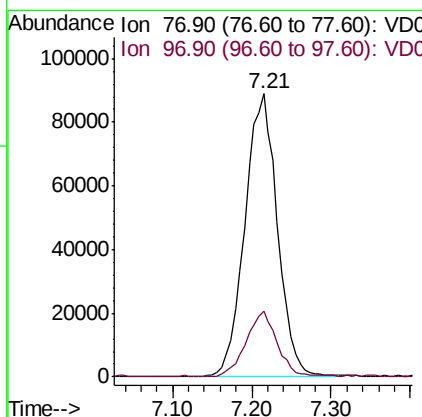
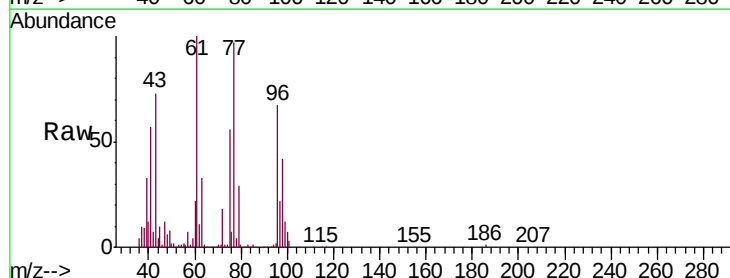
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

Tgt Ion: 43 Resp: 205021  
Ion Ratio Lower Upper  
43 100  
72 23.9 20.6 30.8



#26  
2,2-Dichloropropane  
Concen: 19.548 ug/l  
RT: 7.21 min Scan# 900  
Delta R.T. 0.00 min  
Lab File: VD064162.D  
Acq: 08 Nov 2019 18:46

Tgt Ion: 77 Resp: 254935  
Ion Ratio Lower Upper  
77 100  
97 21.7 11.1 33.3



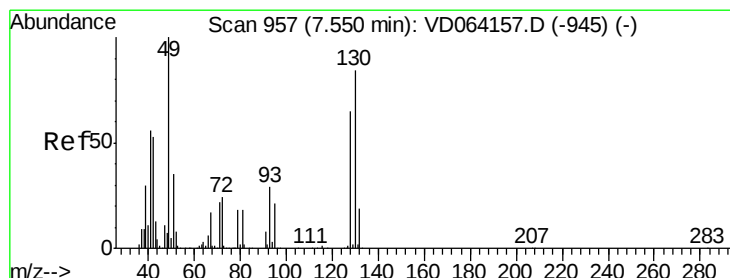
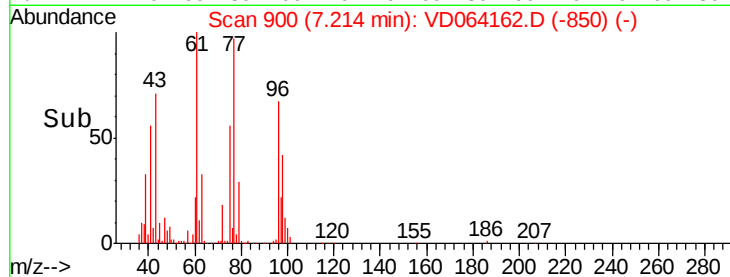
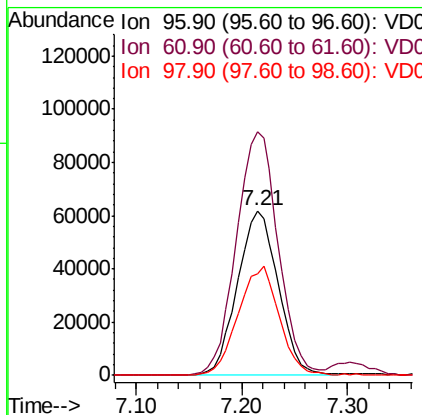
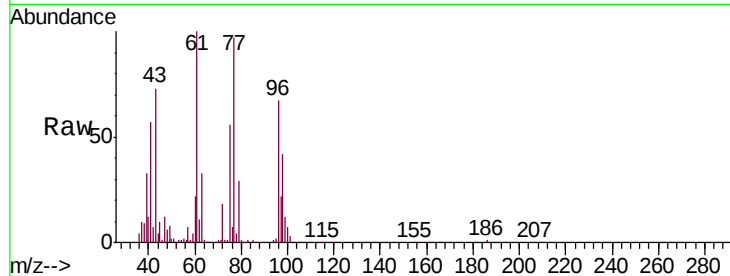


#27

cis-1,2-Dichloroethene  
Concen: 19.553 ug/l  
RT: 7.21 min Scan# 900  
Delta R.T. -0.01 min  
Lab File: VD064162.D  
Acq: 08 Nov 2019 18:46

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

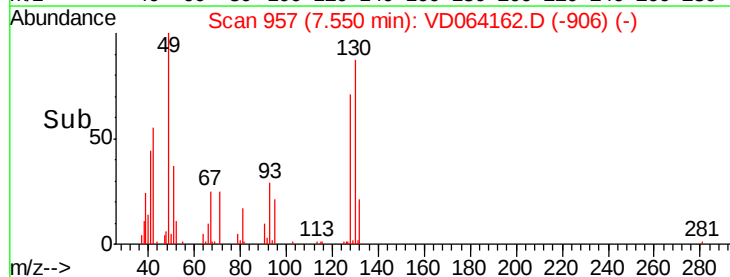
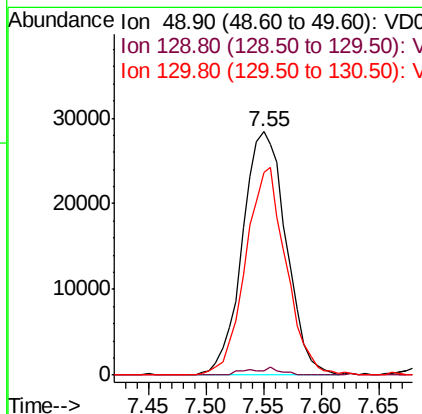
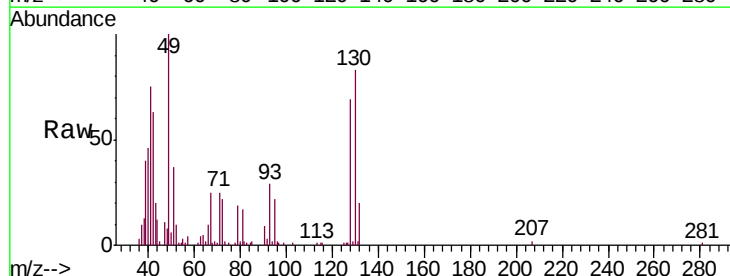
Tgt Ion: 96 Resp: 165860  
Ion Ratio Lower Upper  
96 100  
61 151.7 0.0 301.4  
98 66.6 0.0 133.2

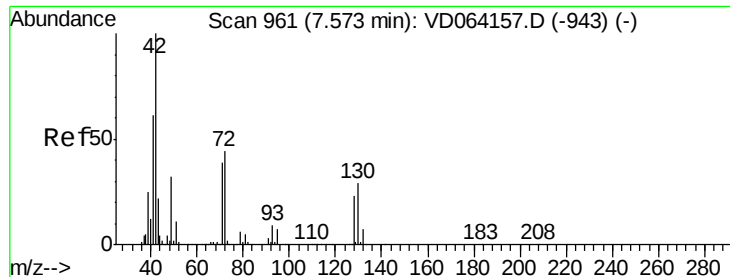


#28

Bromochloromethane  
Concen: 16.203 ug/l  
RT: 7.55 min Scan# 957  
Delta R.T. 0.00 min  
Lab File: VD064162.D  
Acq: 08 Nov 2019 18:46

Tgt Ion: 49 Resp: 75019  
Ion Ratio Lower Upper  
49 100  
129 1.2 0.0 4.4  
130 79.3 66.8 100.2

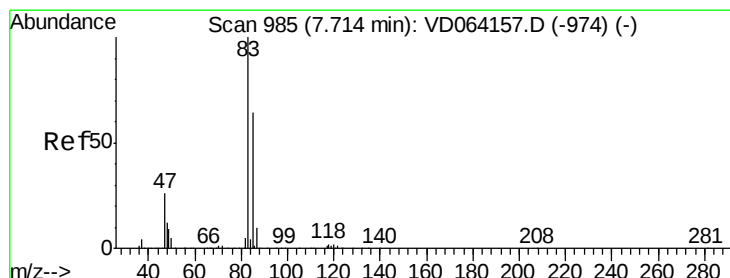
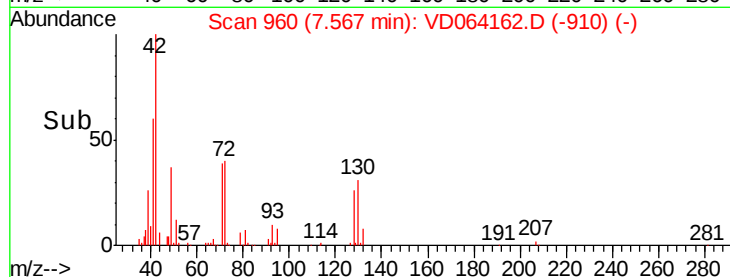
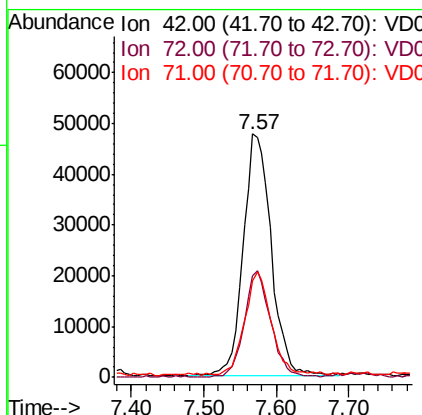
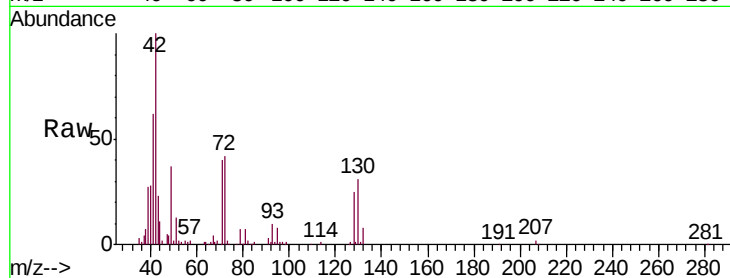




#29  
Tetrahydrofuran  
Concen: 100.984 ug/l  
RT: 7.57 min Scan# 960  
Delta R.T. -0.01 min  
Lab File: VD064162.D  
Acq: 08 Nov 2019 18:46

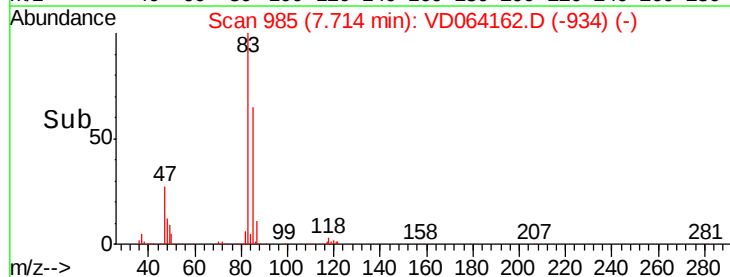
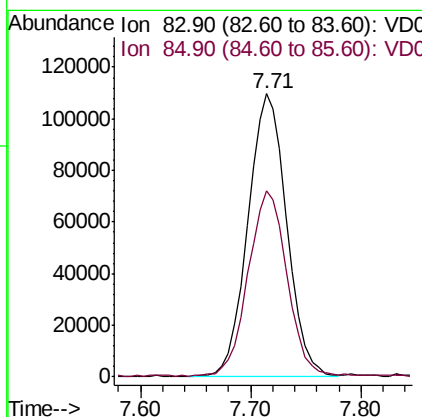
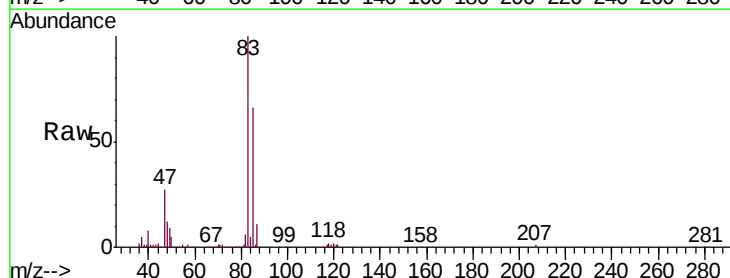
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

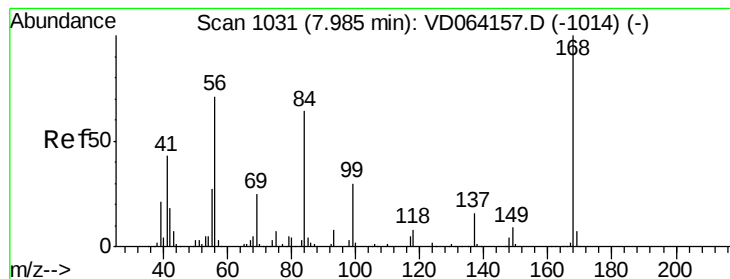
Tgt Ion: 42 Resp: 126897  
Ion Ratio Lower Upper  
42 100  
72 41.7 33.4 50.2  
71 40.0 31.0 46.4



#30  
Chloroform  
Concen: 19.889 ug/l  
RT: 7.71 min Scan# 985  
Delta R.T. 0.00 min  
Lab File: VD064162.D  
Acq: 08 Nov 2019 18:46

Tgt Ion: 83 Resp: 270555  
Ion Ratio Lower Upper  
83 100  
85 65.3 51.4 77.0





#31

Cyclohexane

Concen: 19.226 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064162.D

Acq: 08 Nov 2019 18:46

Instrument :

MSVOA\_D

ClientSampleId :

VD1108SBS01

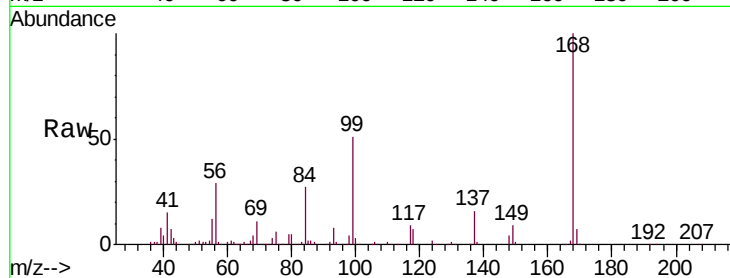
Tgt Ion: 56 Resp: 257865

Ion Ratio Lower Upper

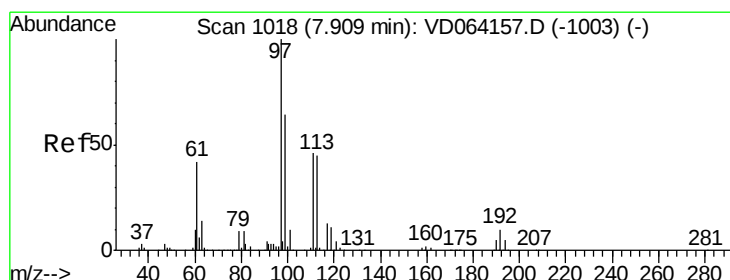
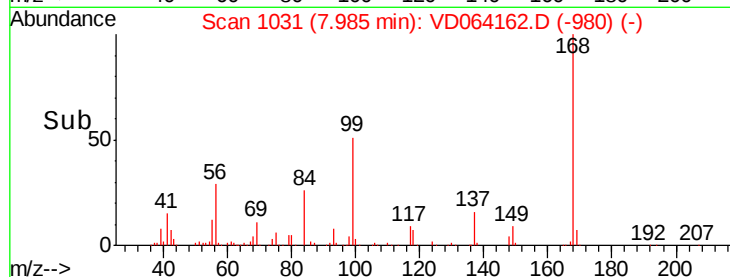
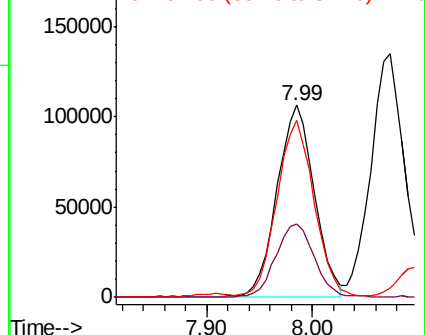
56 100

69 37.9 28.2 42.4

84 92.0 71.8 107.6



Abundance Ion 56.00 (55.70 to 56.70): VDC  
Ion 69.00 (68.70 to 69.70): VDC  
Ion 84.00 (83.70 to 84.70): VDC



#32

1,1,1-Trichloroethane

Concen: 19.988 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VD064162.D

Acq: 08 Nov 2019 18:46

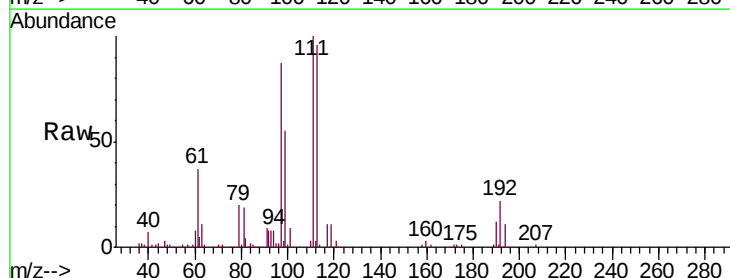
Tgt Ion: 97 Resp: 260349

Ion Ratio Lower Upper

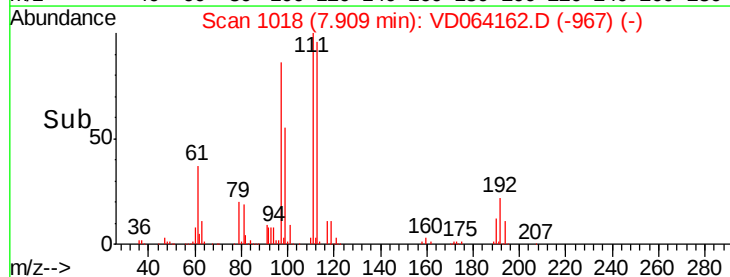
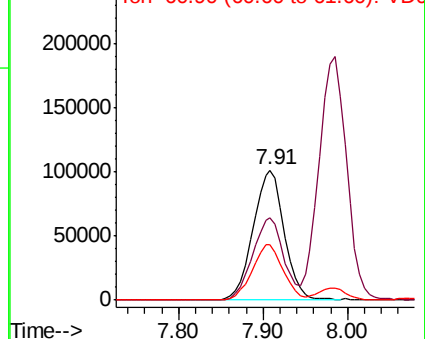
97 100

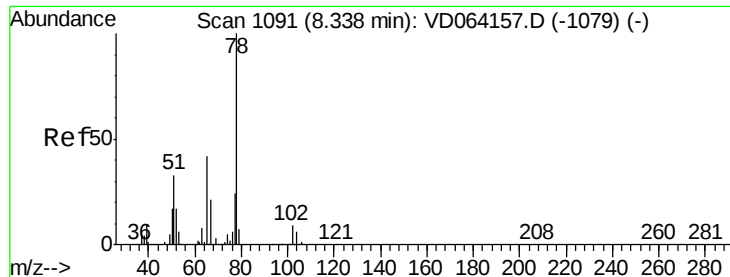
99 63.6 51.6 77.4

61 42.2 34.2 51.2



Abundance Ion 96.90 (96.60 to 97.60): VDC  
Ion 98.90 (98.60 to 99.60): VDC  
Ion 60.90 (60.60 to 61.60): VDC





#33

1,2-Dichloroethane-d4

Concen: 54.389 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD064162.D

Acq: 08 Nov 2019 18:46

Instrument :

MSVOA\_D

ClientSampleId :

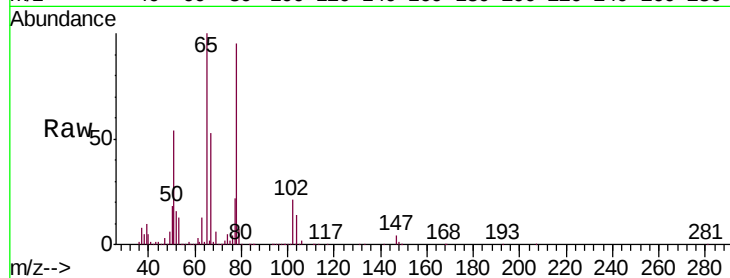
VD1108SBS01

Tgt Ion: 65 Resp: 371668

Ion Ratio Lower Upper

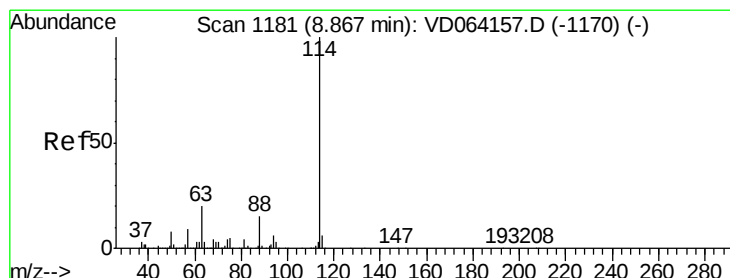
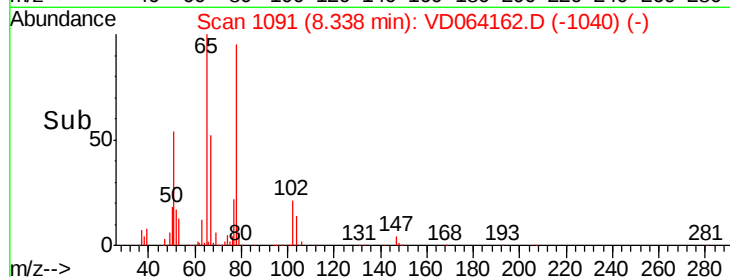
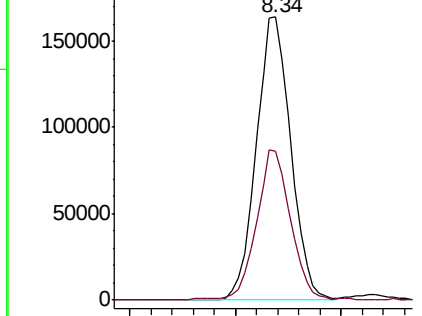
65 100

67 52.3 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064162.D

Acq: 08 Nov 2019 18:46

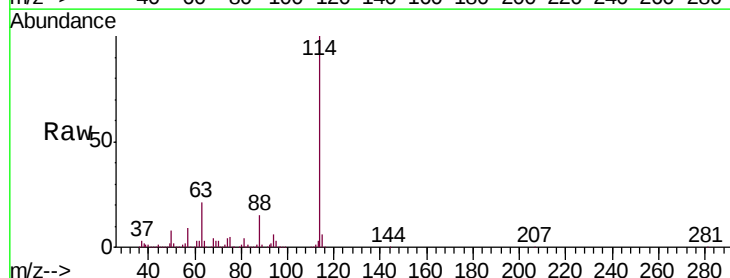
Tgt Ion: 114 Resp: 1189808

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.0

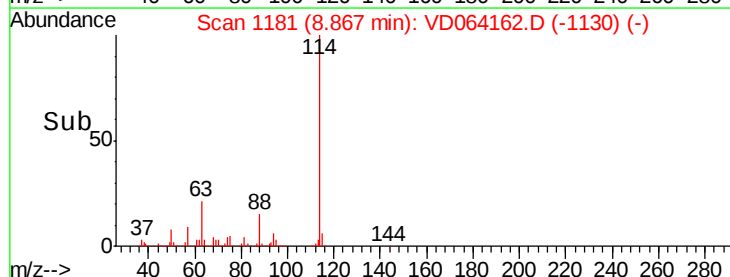
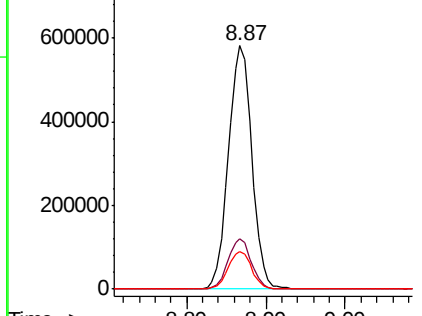
88 15.2 0.0 30.2

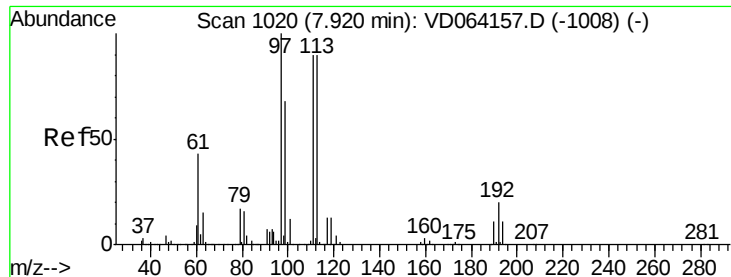


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

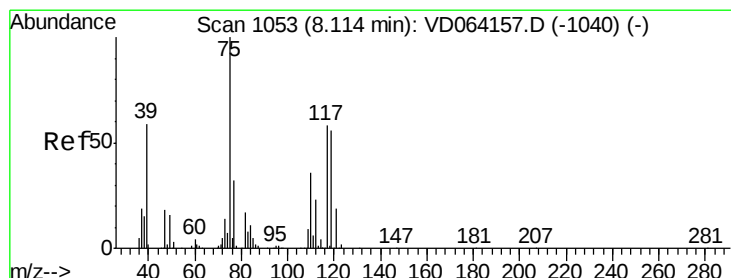
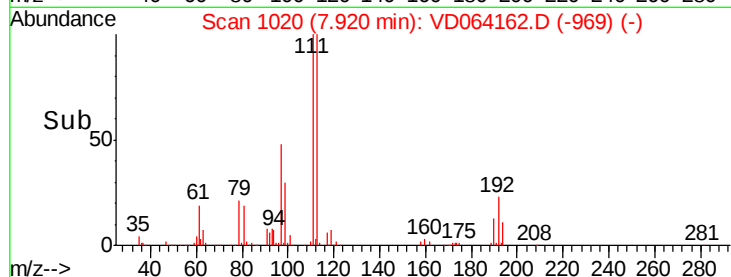
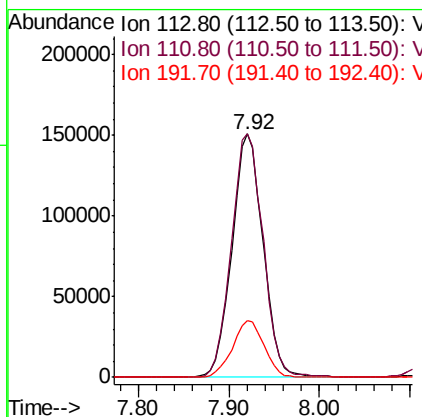
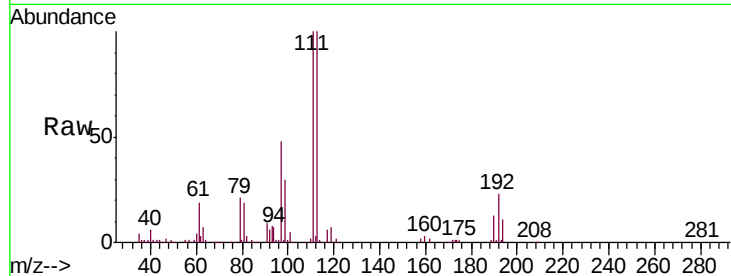




#35  
Dibromofluoromethane  
Concen: 52.615 ug/l  
RT: 7.92 min Scan# 1020  
Delta R.T. 0.00 min  
Lab File: VD064162.D  
Acq: 08 Nov 2019 18:46

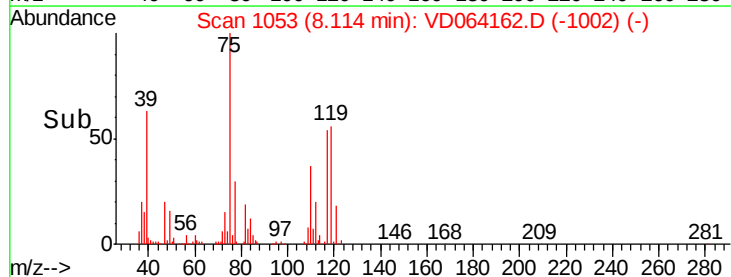
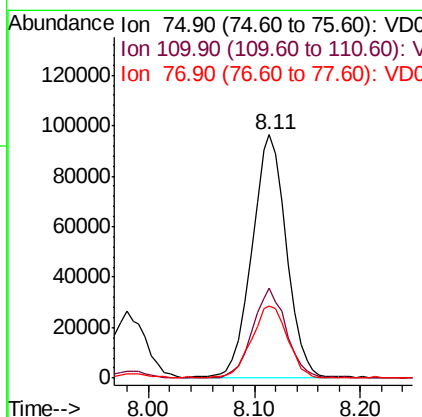
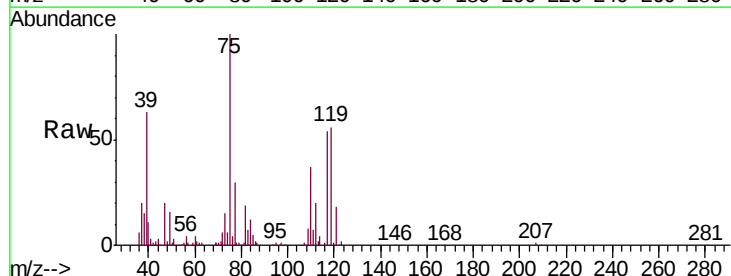
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.4 | 81.5  | 122.3 |
| 192     | 23.6  | 18.8  | 28.2  |



#36  
1,1-Dichloropropene  
Concen: 19.979 ug/l  
RT: 8.11 min Scan# 1053  
Delta R.T. 0.00 min  
Lab File: VD064162.D  
Acq: 08 Nov 2019 18:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 36.0  | 18.3  | 54.9  |
| 77      | 31.2  | 25.0  | 37.6  |

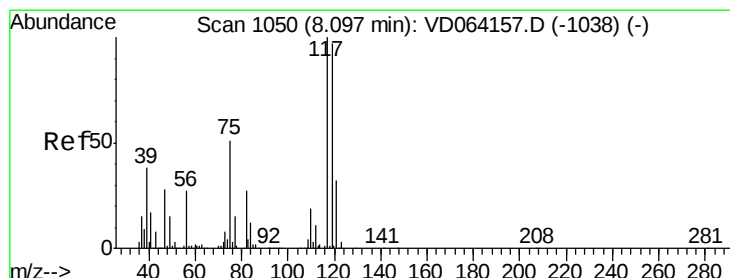
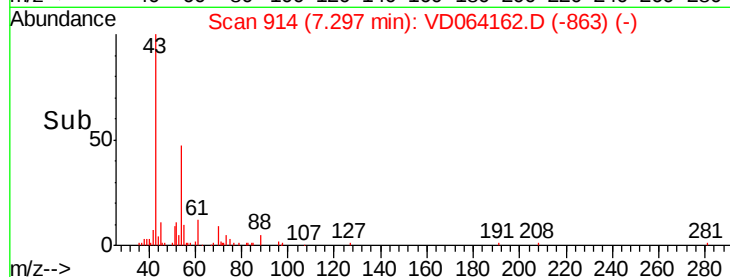
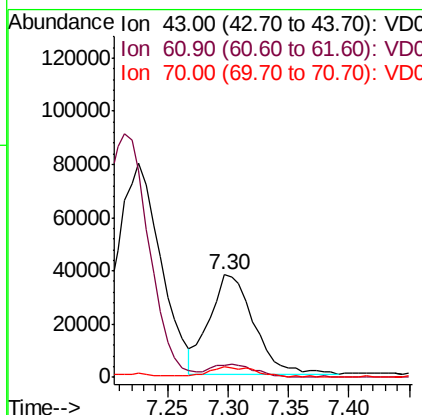
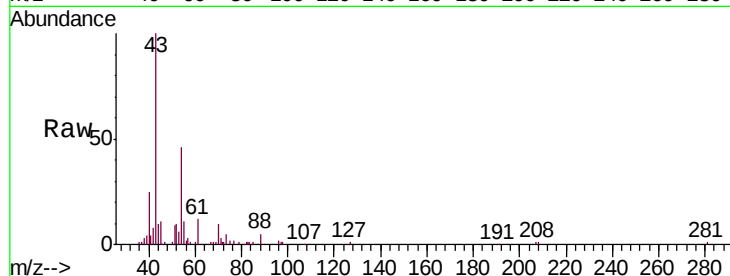




#37  
Ethyl Acetate  
Concen: 20.800 ug/l  
RT: 7.30 min Scan# 914  
Delta R.T. 0.00 min  
Lab File: VD064162.D  
Acq: 08 Nov 2019 18:46

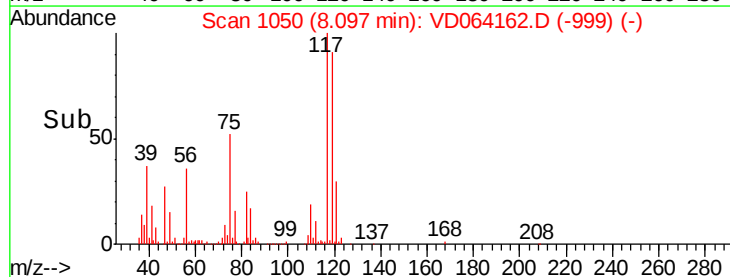
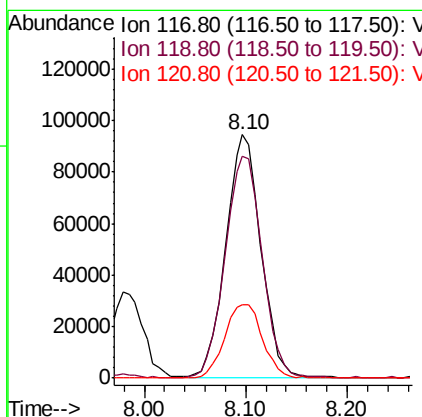
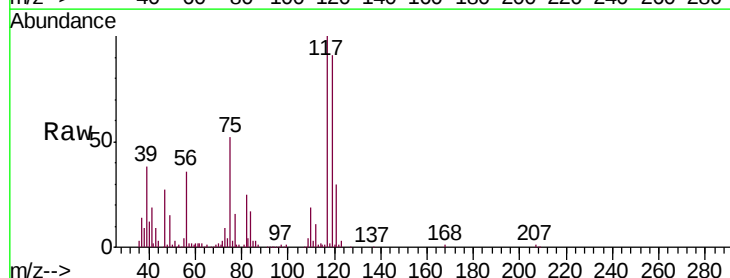
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

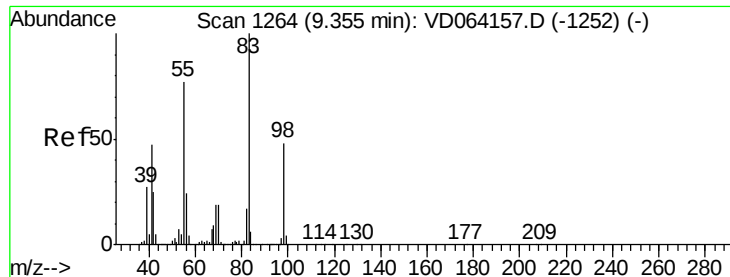
Tgt Ion: 43 Resp: 96291  
Ion Ratio Lower Upper  
43 100  
61 12.3 10.2 15.2  
70 9.9 8.5 12.7



#38  
Carbon Tetrachloride  
Concen: 19.396 ug/l  
RT: 8.10 min Scan# 1050  
Delta R.T. 0.00 min  
Lab File: VD064162.D  
Acq: 08 Nov 2019 18:46

Tgt Ion: 117 Resp: 227898  
Ion Ratio Lower Upper  
117 100  
119 90.7 77.2 115.8  
121 30.1 25.5 38.3

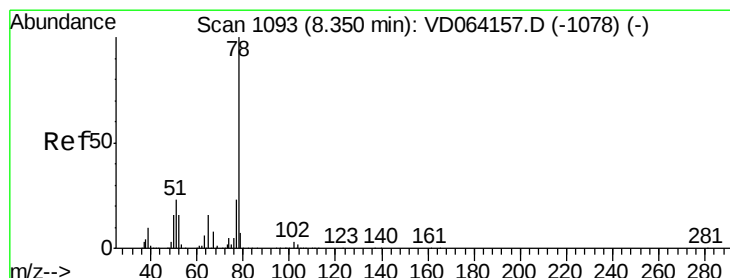
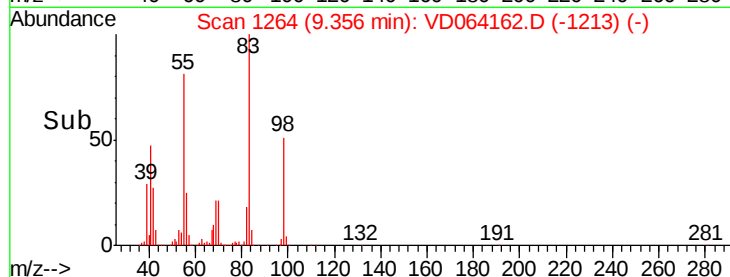
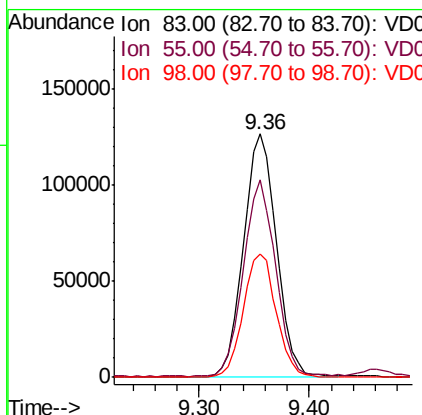
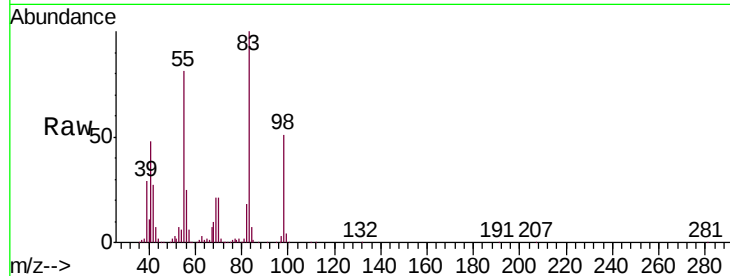




#39  
Methylcyclohexane  
Concen: 19.188 ug/l  
RT: 9.36 min Scan# 1264  
Delta R.T. 0.00 min  
Lab File: VD064162.D  
Acq: 08 Nov 2019 18:46

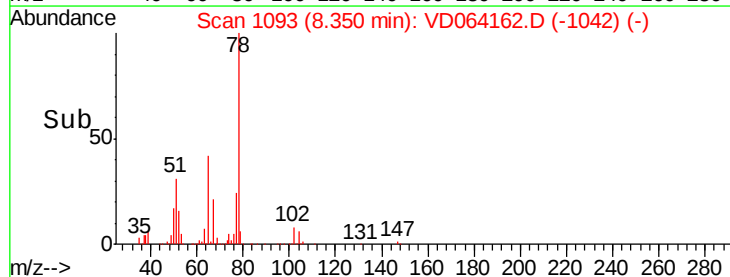
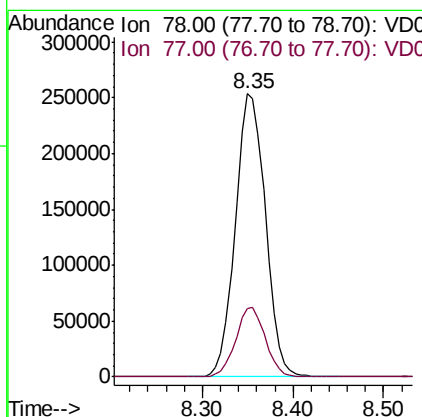
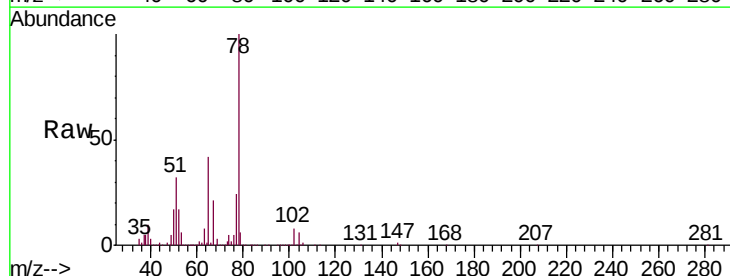
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

Tgt Ion: 83 Resp: 266619  
Ion Ratio Lower Upper  
83 100  
55 81.0 61.7 92.5  
98 50.7 38.6 58.0



#40  
Benzene  
Concen: 19.523 ug/l  
RT: 8.35 min Scan# 1093  
Delta R.T. 0.00 min  
Lab File: VD064162.D  
Acq: 08 Nov 2019 18:46

Tgt Ion: 78 Resp: 585912  
Ion Ratio Lower Upper  
78 100  
77 24.0 18.6 28.0

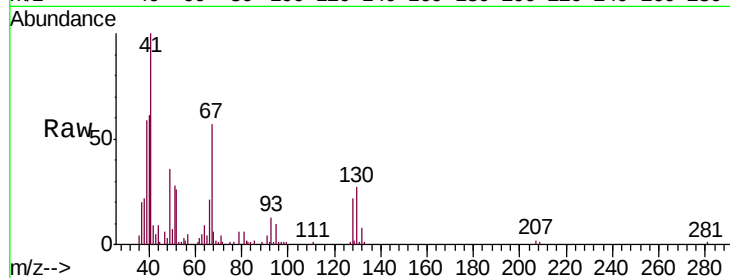




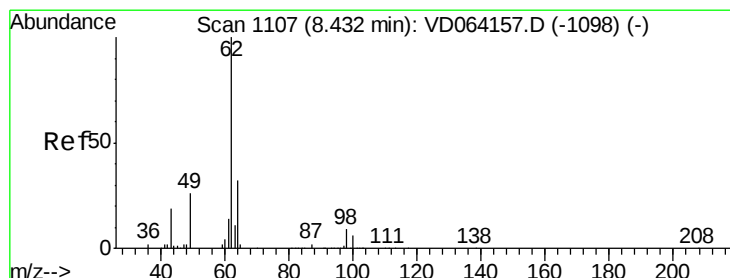
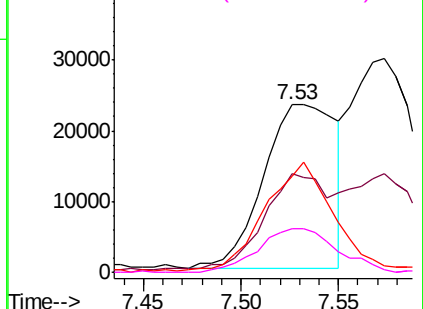
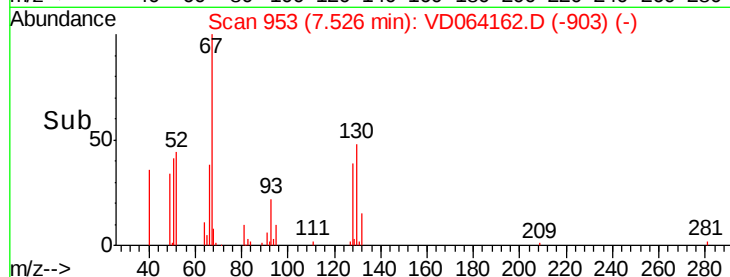
#41  
Methacrylonitrile  
Concen: 20.444 ug/l  
RT: 7.53 min Scan# 953  
Delta R.T. -0.01 min  
Lab File: VD064162.D  
Acq: 08 Nov 2019 18:46

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 59483 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 48.9  | 49.4  | 74.2# |
| 67       | 65.6  | 49.6  | 74.4  |
| 52       | 28.7  | 21.4  | 32.0  |

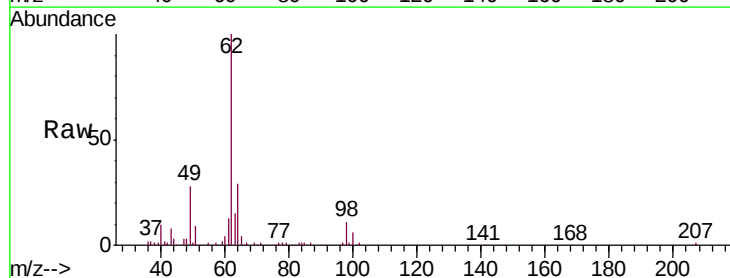


Abundance Ion 41.00 (40.70 to 41.70): VDC  
Ion 39.00 (38.70 to 39.70): VDC  
Ion 67.00 (66.70 to 67.70): VDC  
Ion 52.00 (51.70 to 52.70): VDC

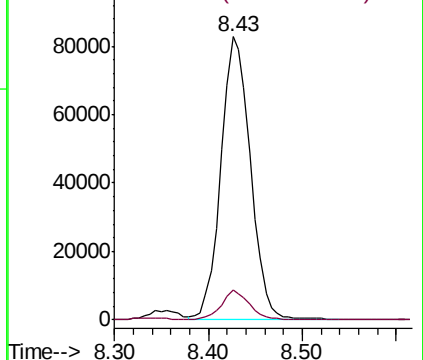
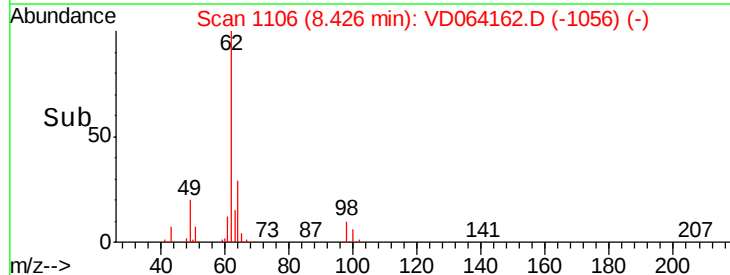


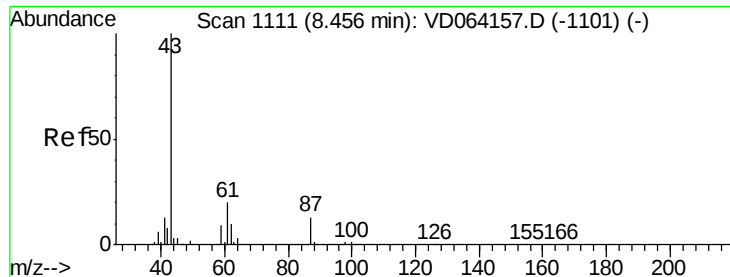
#42  
1,2-Dichloroethane  
Concen: 20.142 ug/l  
RT: 8.43 min Scan# 1106  
Delta R.T. -0.01 min  
Lab File: VD064162.D  
Acq: 08 Nov 2019 18:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 181547 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 10.0  | 0.0   | 19.0   |



Abundance Ion 61.90 (61.60 to 62.60): VDC  
Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 19.787 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD064162.D

Acq: 08 Nov 2019 18:46

Instrument :

MSVOA\_D

ClientSampleId :

VD1108SBS01

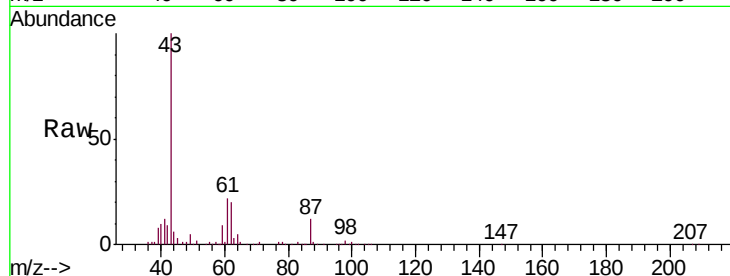
Tgt Ion: 43 Resp: 188730

Ion Ratio Lower Upper

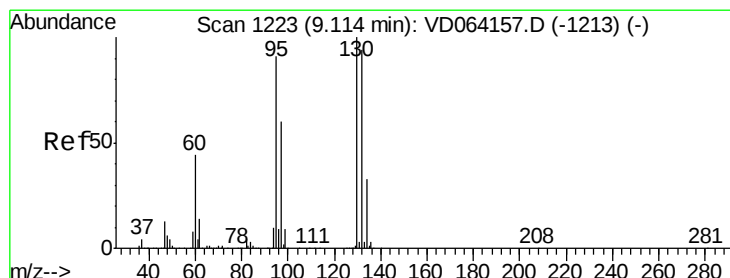
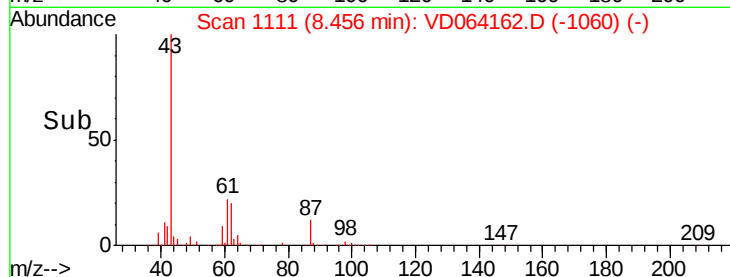
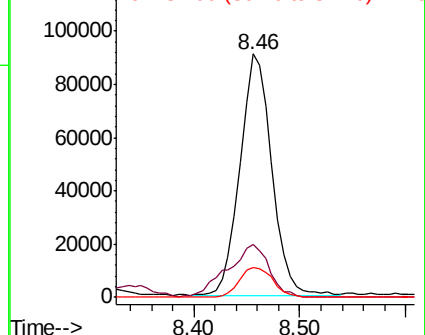
43 100

61 28.9 22.9 34.3

87 13.0 10.2 15.2



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



#44

Trichloroethene

Concen: 19.370 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD064162.D

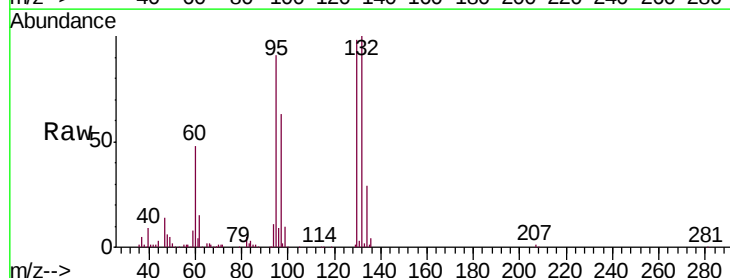
Acq: 08 Nov 2019 18:46

Tgt Ion: 130 Resp: 174471

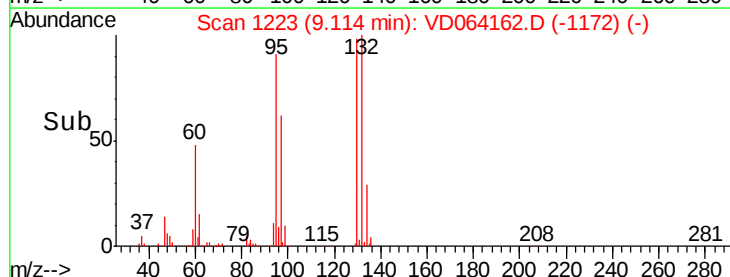
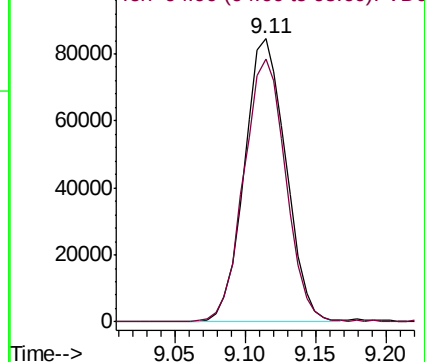
Ion Ratio Lower Upper

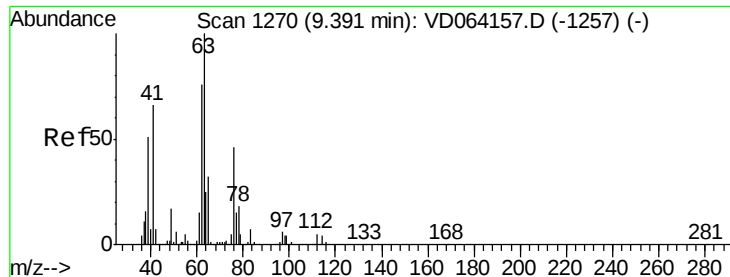
130 100

95 93.0 0.0 181.6



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

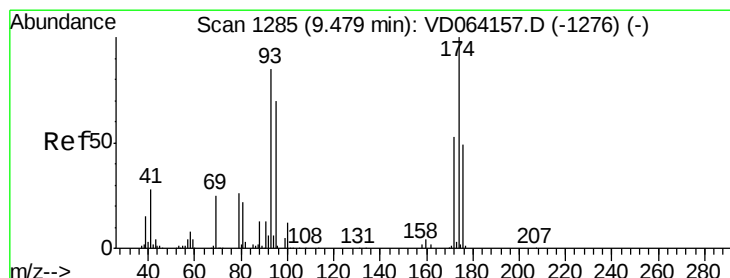
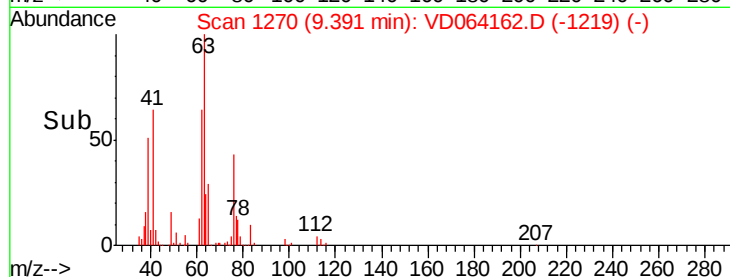
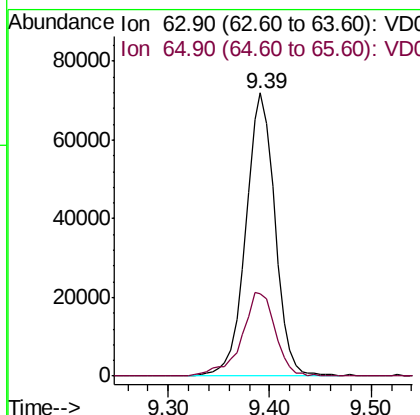
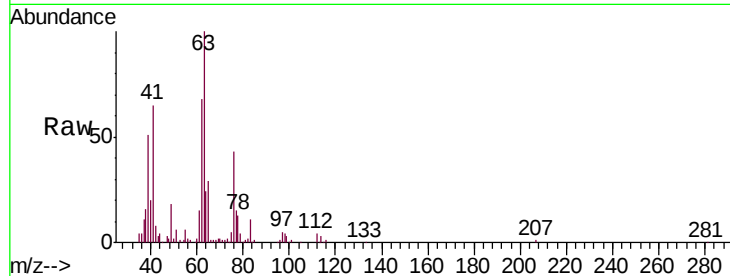




#45  
 1,2-Dichloropropane  
 Concen: 19.703 ug/l  
 RT: 9.39 min Scan# 1270  
 Delta R.T. 0.00 min  
 Lab File: VD064162.D  
 Acq: 08 Nov 2019 18:46

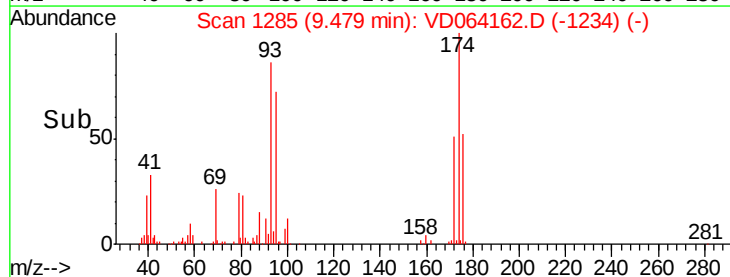
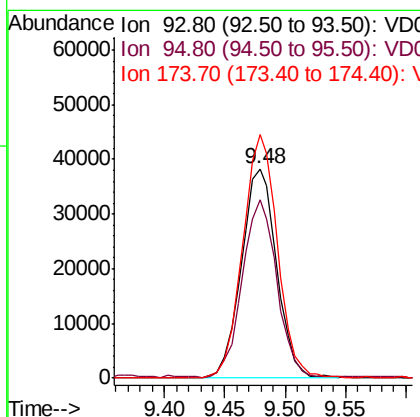
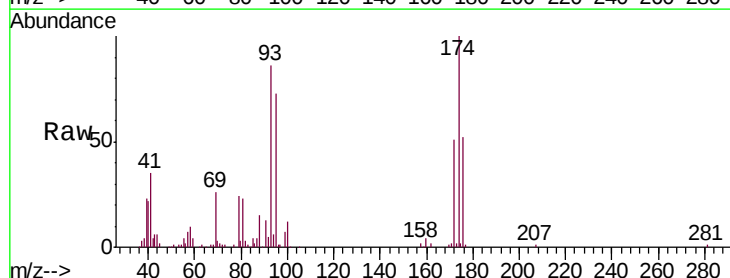
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1108SBS01

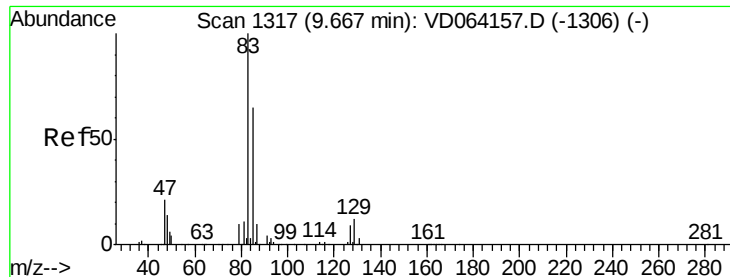
Tgt Ion: 63 Resp: 143922  
 Ion Ratio Lower Upper  
 63 100  
 65 28.8 25.7 38.5



#46  
 Dibromomethane  
 Concen: 19.937 ug/l  
 RT: 9.48 min Scan# 1285  
 Delta R.T. 0.00 min  
 Lab File: VD064162.D  
 Acq: 08 Nov 2019 18:46

Tgt Ion: 93 Resp: 77964  
 Ion Ratio Lower Upper  
 93 100  
 95 84.5 65.5 98.3  
 174 114.5 93.9 140.9





#47

Bromodichloromethane

Concen: 19.723 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD064162.D

Acq: 08 Nov 2019 18:46

Instrument :

MSVOA\_D

ClientSampleId :

VD1108SBS01

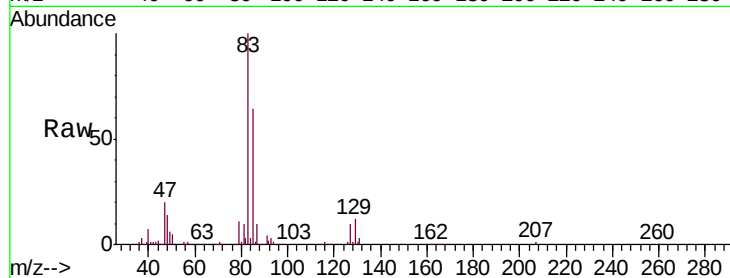
Tgt Ion: 83 Resp: 207754

Ion Ratio Lower Upper

83 100

85 63.8 52.2 78.4

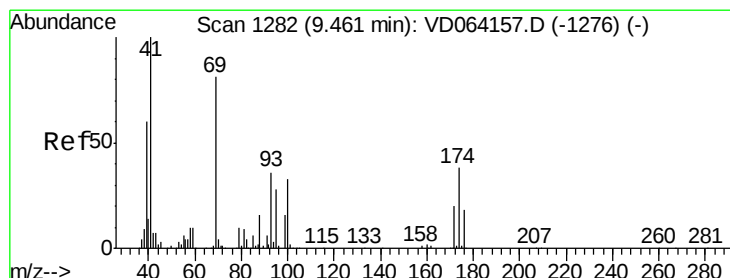
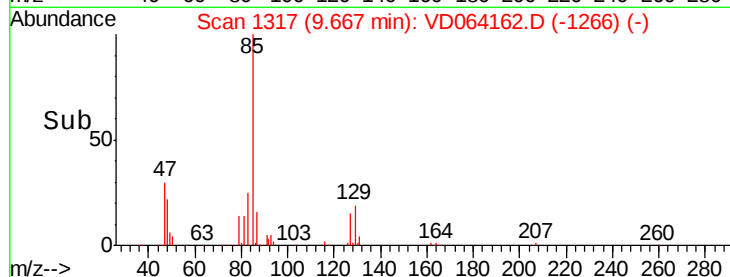
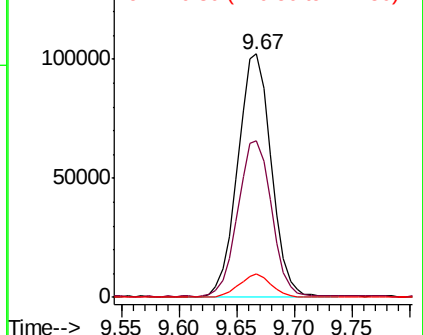
127 9.8 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 19.371 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD064162.D

Acq: 08 Nov 2019 18:46

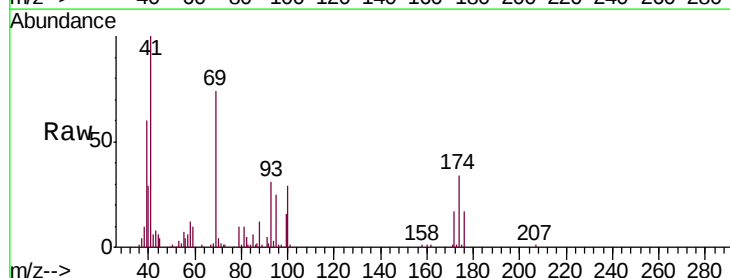
Tgt Ion: 41 Resp: 90346

Ion Ratio Lower Upper

41 100

69 81.2 64.6 97.0

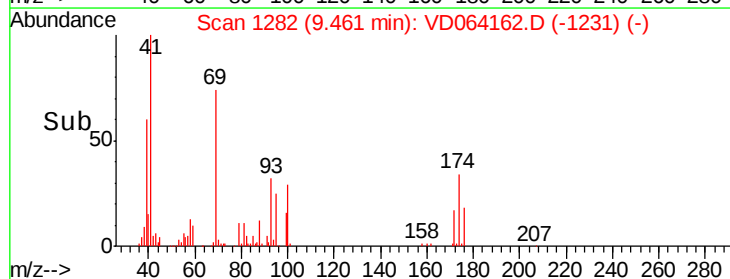
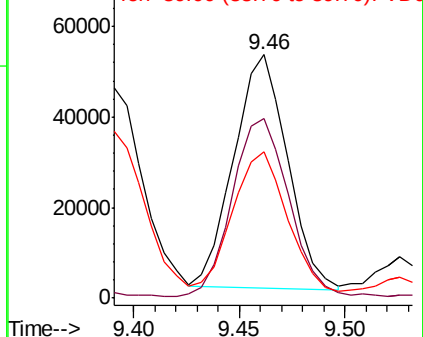
39 60.7 48.2 72.2

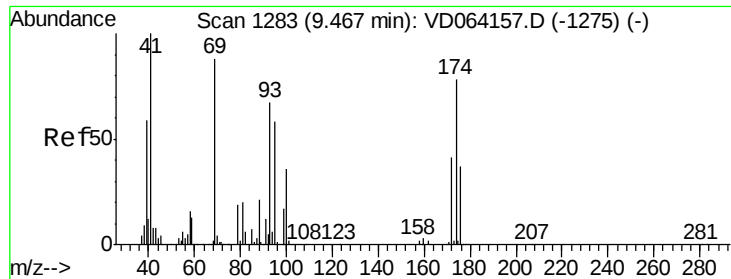


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#49

1,4-Dioxane

Concen: 387.836 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VD064162.D

Acq: 08 Nov 2019 18:46

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

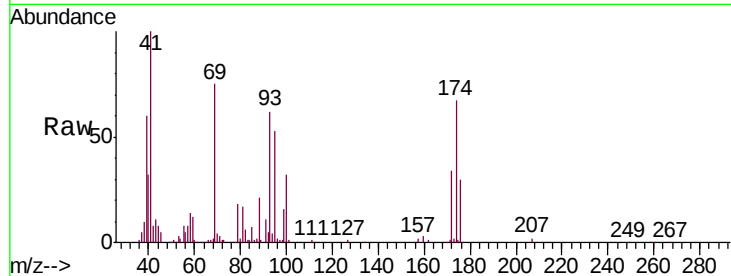
Tgt Ion: 88 Resp: 18215

Ion Ratio Lower Upper

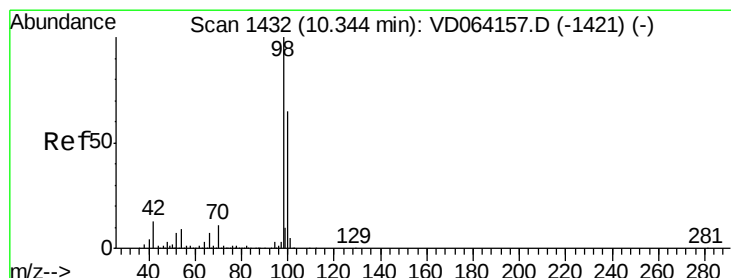
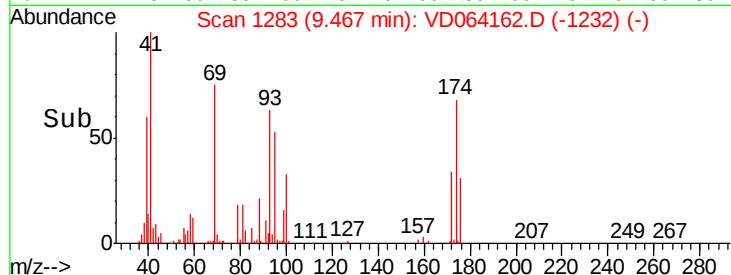
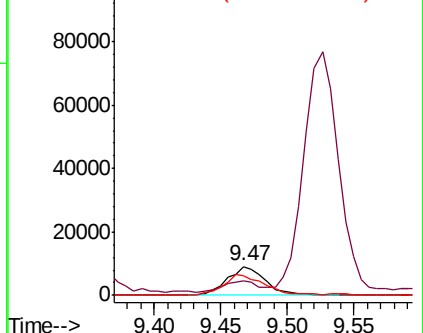
88 100

43 39.2 29.8 44.8

58 75.5 58.1 87.1



Abundance Ion 88.00 (87.70 to 88.70): VDC  
Ion 43.00 (42.70 to 43.70): VDC  
Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 53.801 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064162.D

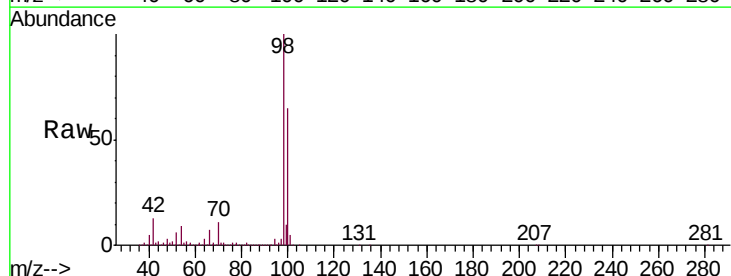
Acq: 08 Nov 2019 18:46

Tgt Ion: 98 Resp: 1386150

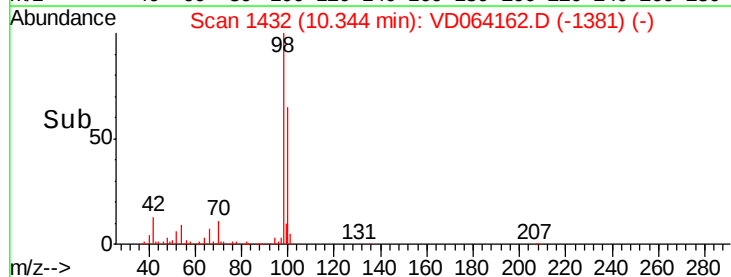
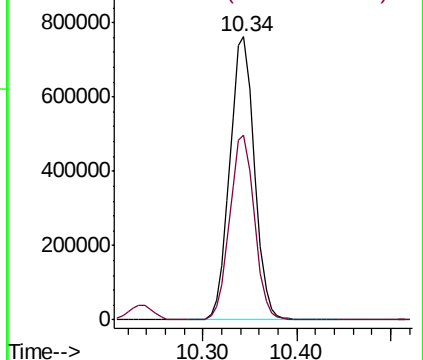
Ion Ratio Lower Upper

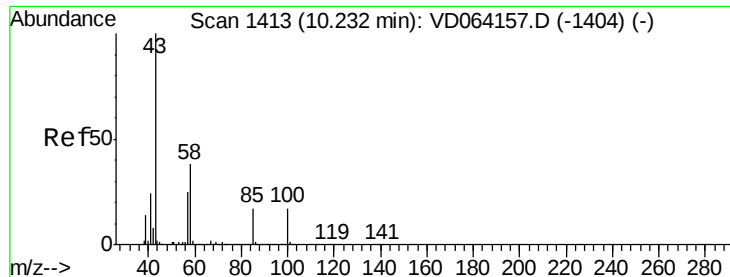
98 100

100 65.5 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC  
Ion 100.00 (99.70 to 100.70): VDC

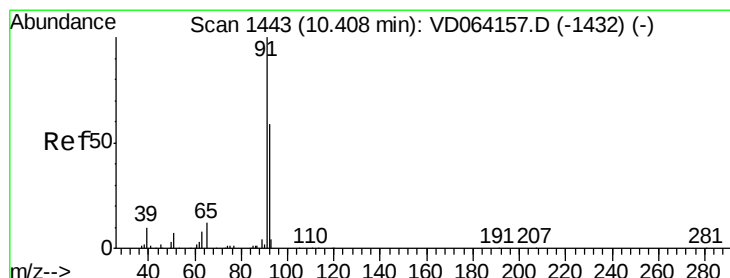
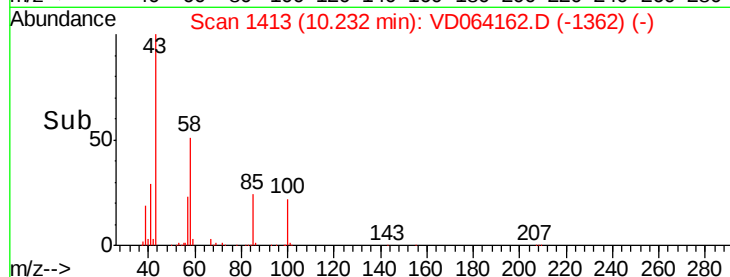
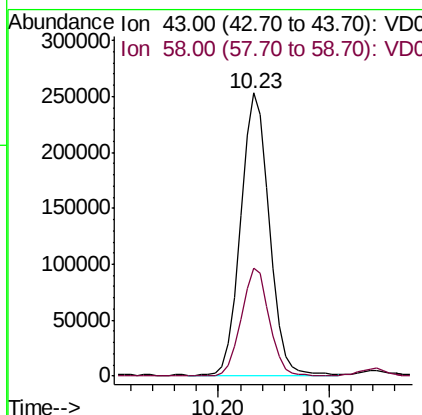
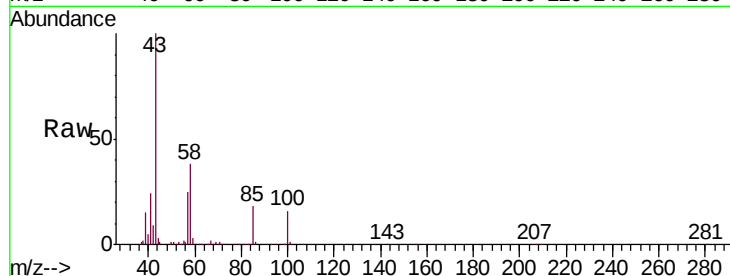




#51  
4-Methyl-2-Pentanone  
Concen: 100.653 ug/l  
RT: 10.23 min Scan# 1413  
Delta R.T. 0.00 min  
Lab File: VD064162.D  
Acq: 08 Nov 2019 18:46

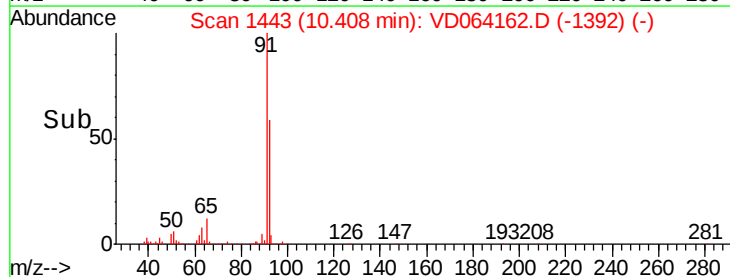
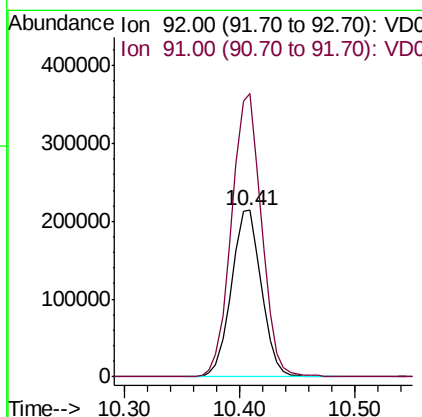
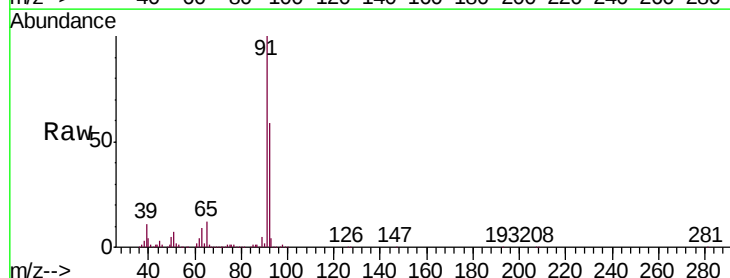
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

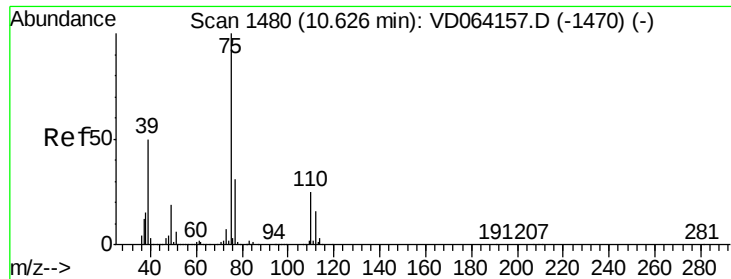
Tgt Ion: 43 Resp: 460387  
Ion Ratio Lower Upper  
43 100  
58 37.7 30.2 45.4



#52  
Toluene  
Concen: 19.637 ug/l  
RT: 10.41 min Scan# 1443  
Delta R.T. 0.00 min  
Lab File: VD064162.D  
Acq: 08 Nov 2019 18:46

Tgt Ion: 92 Resp: 387516  
Ion Ratio Lower Upper  
92 100  
91 169.3 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 19.523 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD064162.D

Acq: 08 Nov 2019 18:46

Instrument :

MSVOA\_D

ClientSampleId :

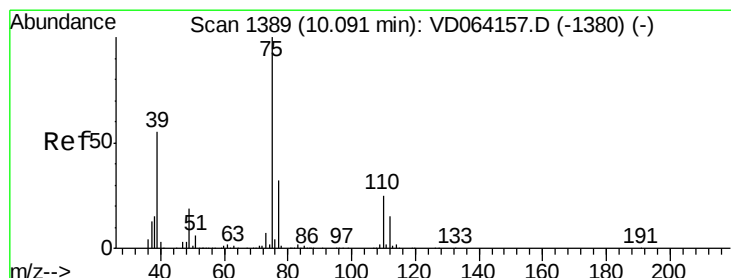
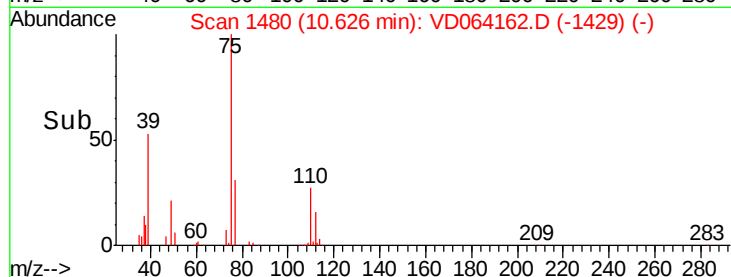
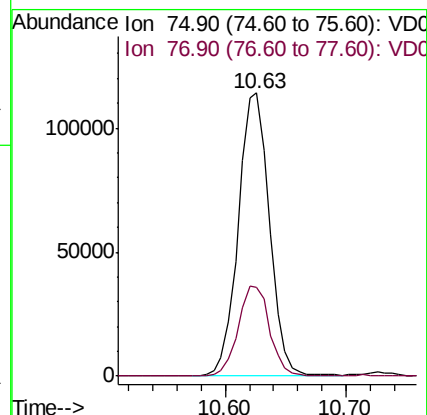
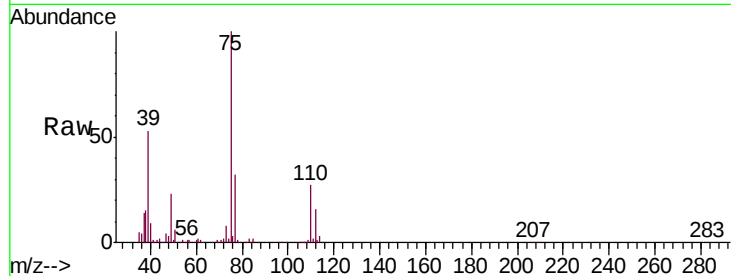
VD1108SBS01

Tgt Ion: 75 Resp: 206022

Ion Ratio Lower Upper

75 100

77 31.6 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 19.226 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD064162.D

Acq: 08 Nov 2019 18:46

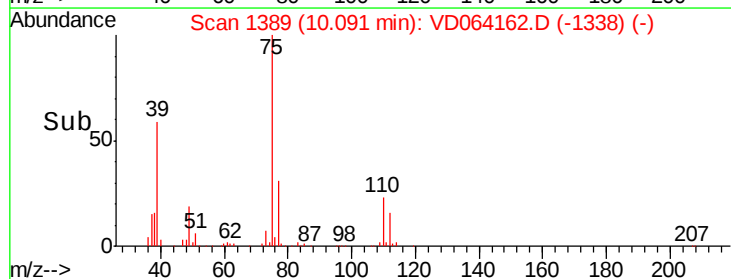
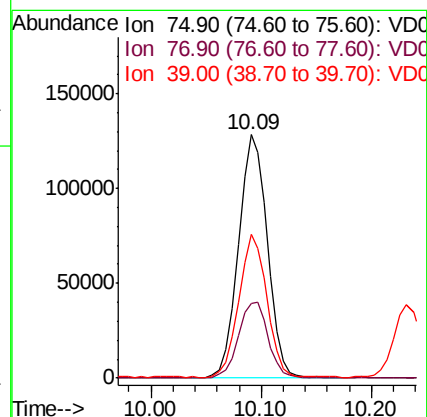
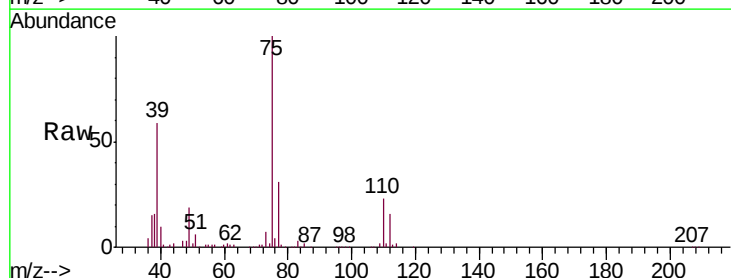
Tgt Ion: 75 Resp: 236757

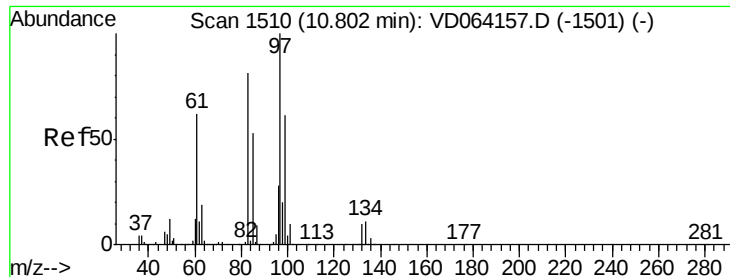
Ion Ratio Lower Upper

75 100

77 30.9 25.2 37.8

39 58.8 44.2 66.2





#55

1,1,2-Trichloroethane

Concen: 19.560 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD064162.D

Acq: 08 Nov 2019 18:46

Instrument :

MSVOA\_D

ClientSampleId :

VD1108SBS01

Tgt Ion: 97 Resp: 103765

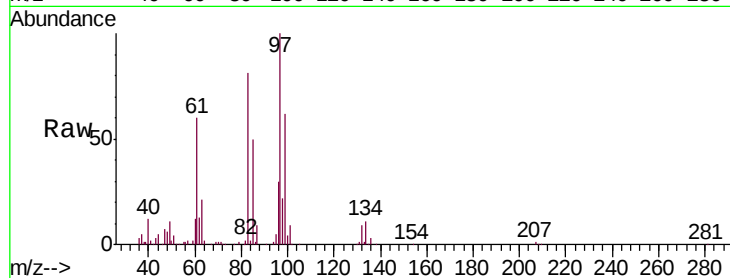
Ion Ratio Lower Upper

97 100

83 80.9 65.1 97.7

85 50.0 42.0 63.0

99 61.5 48.9 73.3

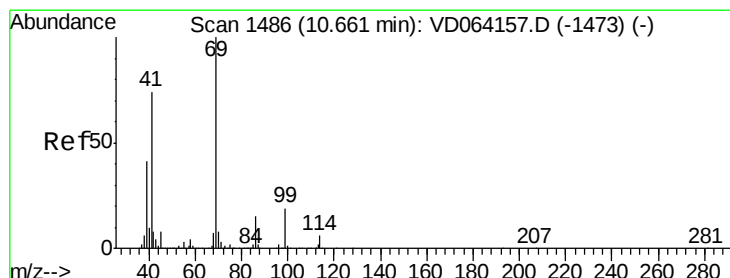
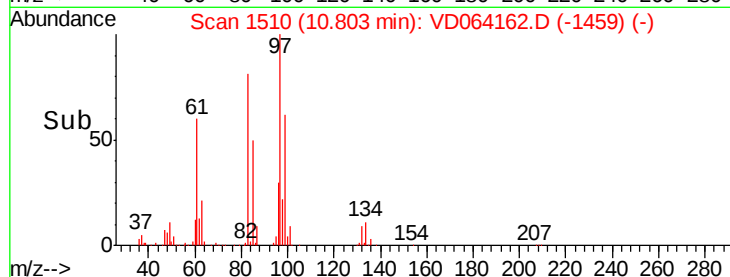
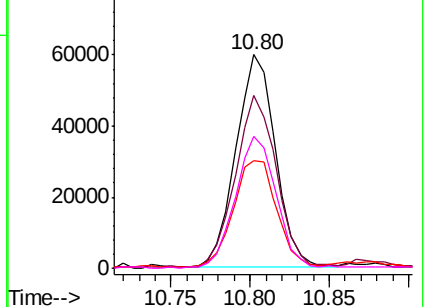


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 20.014 ug/l

RT: 10.67 min Scan# 1487

Delta R.T. 0.01 min

Lab File: VD064162.D

Acq: 08 Nov 2019 18:46

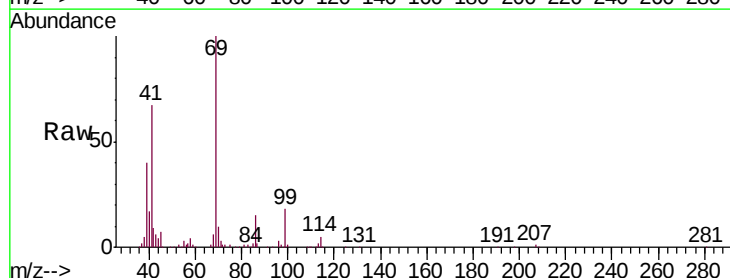
Tgt Ion: 69 Resp: 148525

Ion Ratio Lower Upper

69 100

41 70.4 57.9 86.9

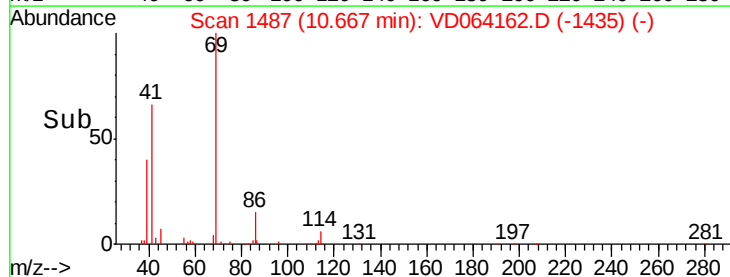
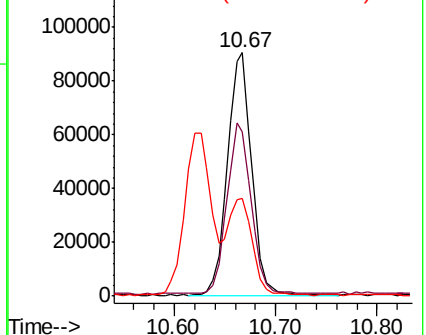
39 42.4 29.0 43.4

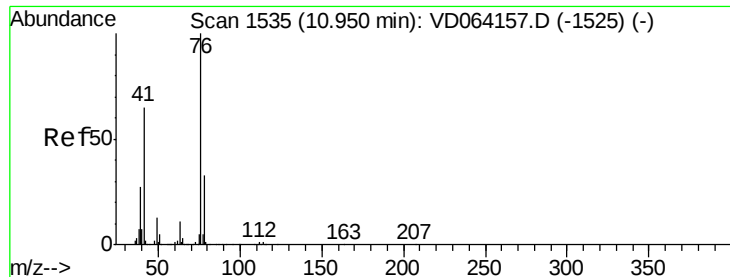


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

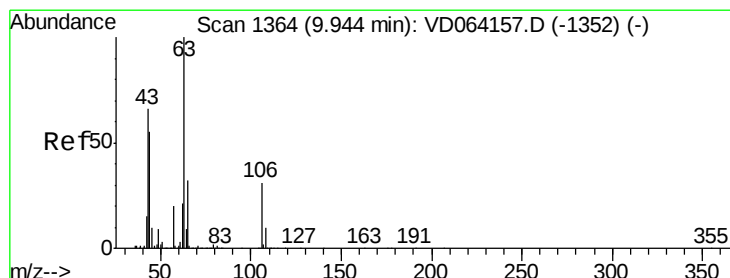
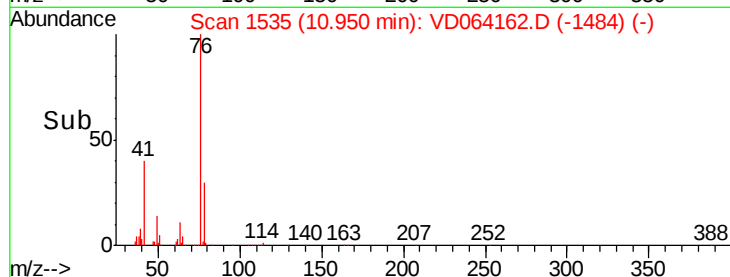
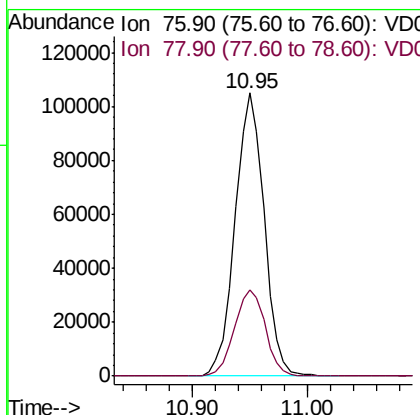
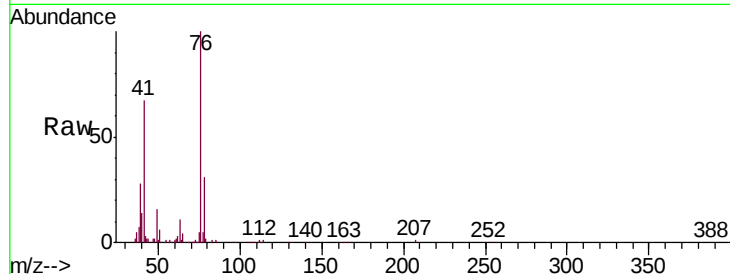




#57  
 1,3-Dichloropropane  
 Concen: 19.785 ug/l  
 RT: 10.95 min Scan# 1535  
 Delta R.T. 0.00 min  
 Lab File: VD064162.D  
 Acq: 08 Nov 2019 18:46

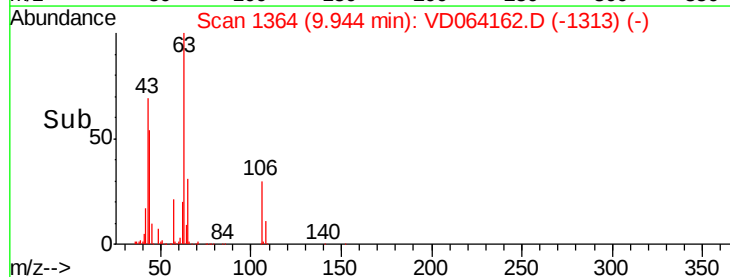
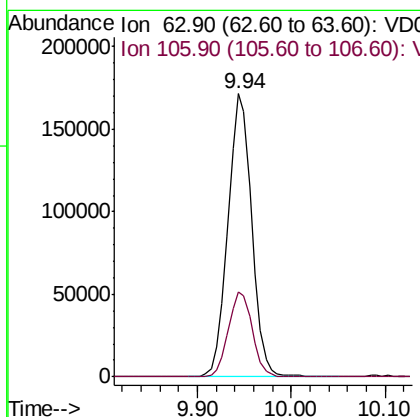
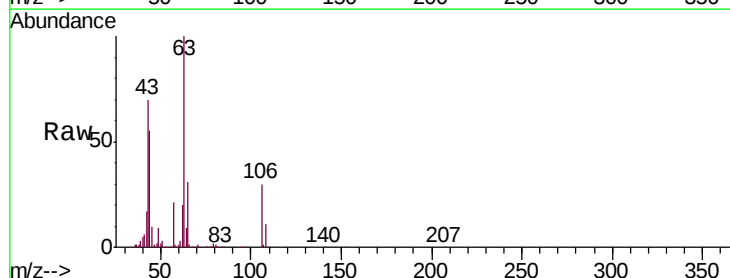
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1108SBS01

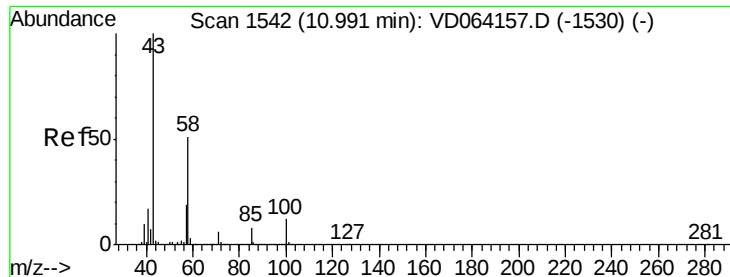
Tgt Ion: 76 Resp: 183052  
 Ion Ratio Lower Upper  
 76 100  
 78 32.5 26.2 39.4



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 100.150 ug/l  
 RT: 9.94 min Scan# 1364  
 Delta R.T. 0.00 min  
 Lab File: VD064162.D  
 Acq: 08 Nov 2019 18:46

Tgt Ion: 63 Resp: 301054  
 Ion Ratio Lower Upper  
 63 100  
 106 30.3 24.1 36.1

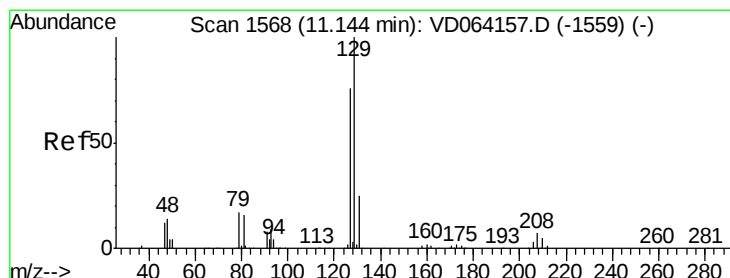
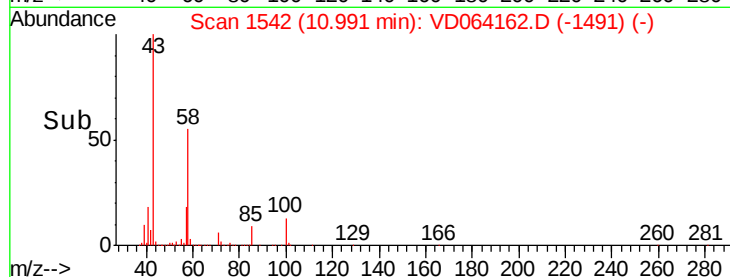
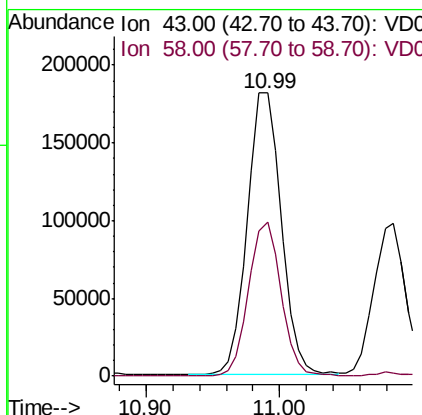
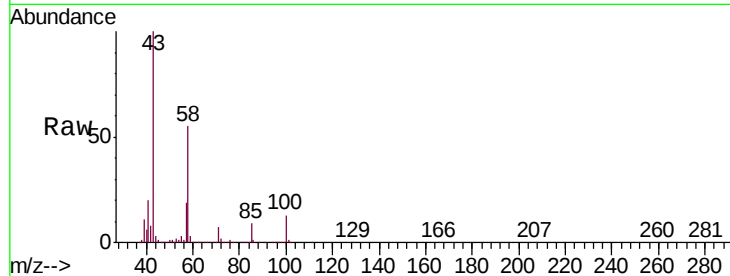




#59  
2-Hexanone  
Concen: 97.839 ug/l  
RT: 10.99 min Scan# 1542  
Delta R.T. 0.00 min  
Lab File: VD064162.D  
Acq: 08 Nov 2019 18:46

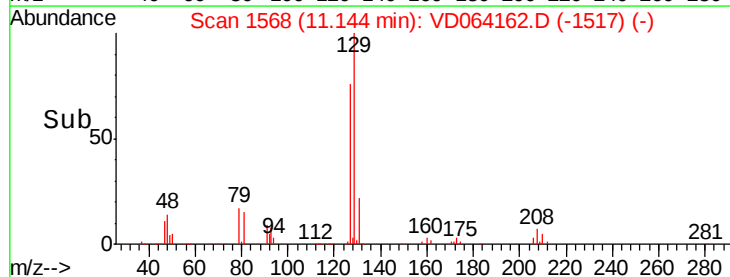
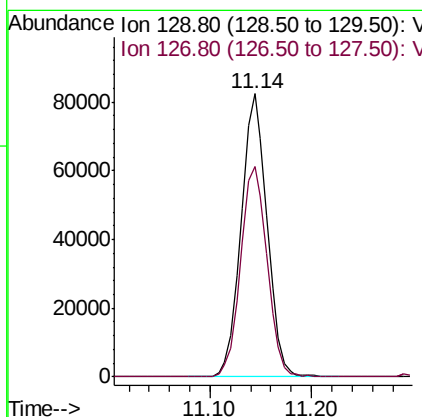
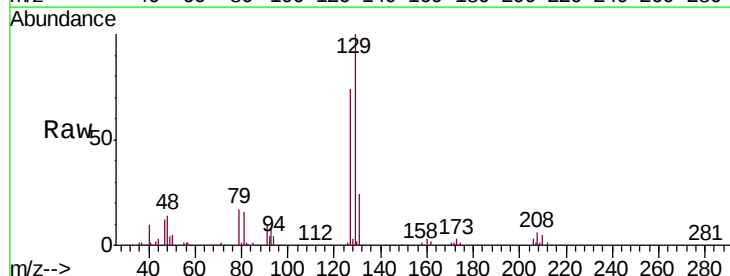
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

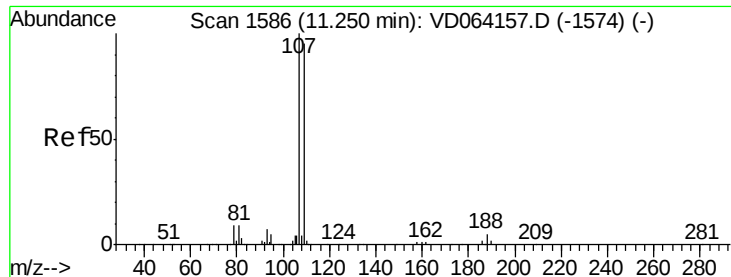
Tgt Ion: 43 Resp: 318381  
Ion Ratio Lower Upper  
43 100  
58 52.6 25.9 77.7



#60  
Dibromochloromethane  
Concen: 19.763 ug/l  
RT: 11.14 min Scan# 1568  
Delta R.T. 0.00 min  
Lab File: VD064162.D  
Acq: 08 Nov 2019 18:46

Tgt Ion: 129 Resp: 146297  
Ion Ratio Lower Upper  
129 100  
127 75.8 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.769 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VD064162.D

Acq: 08 Nov 2019 18:46

Instrument :

MSVOA\_D

ClientSampleId :

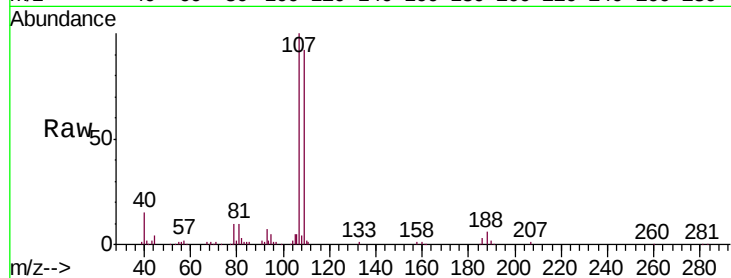
VD1108SBS01

Tgt Ion: 107 Resp: 105043

Ion Ratio Lower Upper

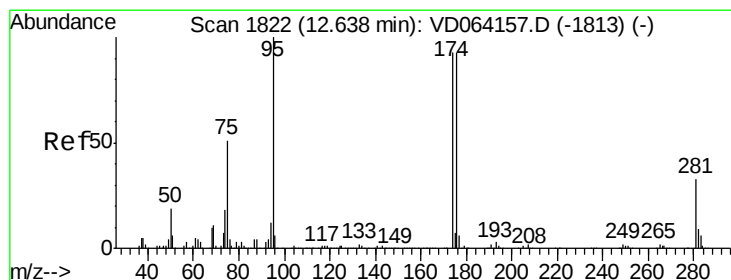
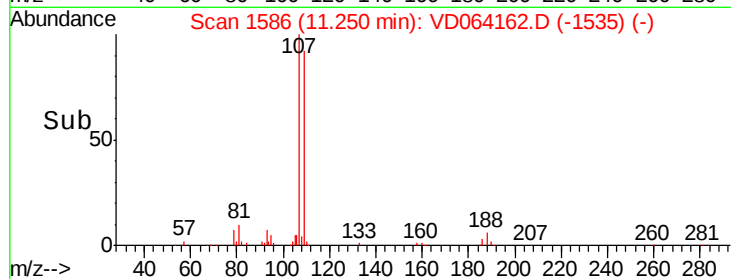
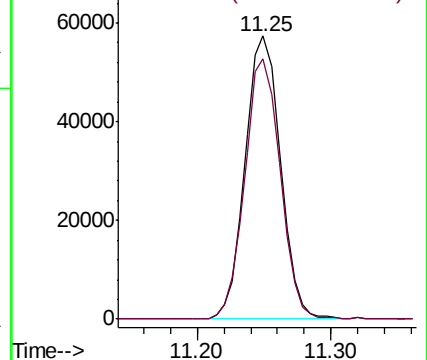
107 100

109 92.2 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.826 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064162.D

Acq: 08 Nov 2019 18:46

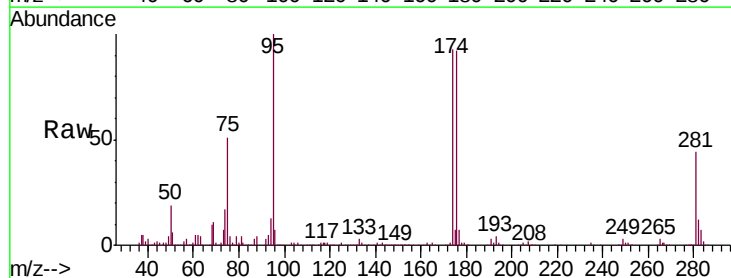
Tgt Ion: 95 Resp: 462412

Ion Ratio Lower Upper

95 100

174 92.0 0.0 183.6

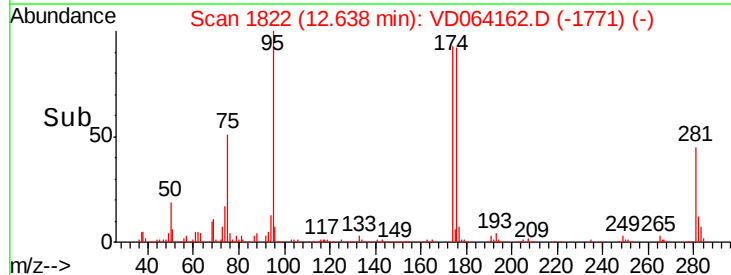
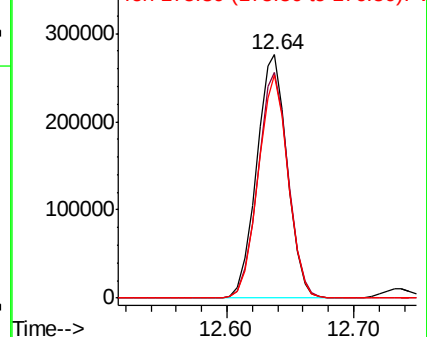
176 89.8 0.0 180.2

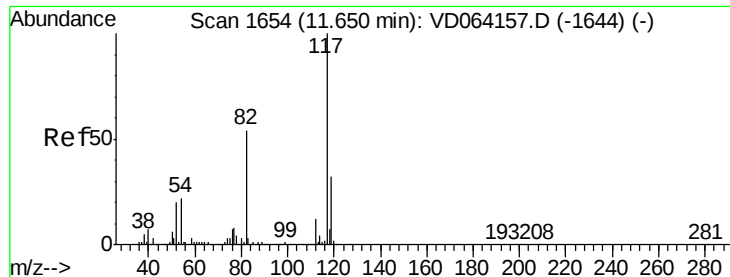


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

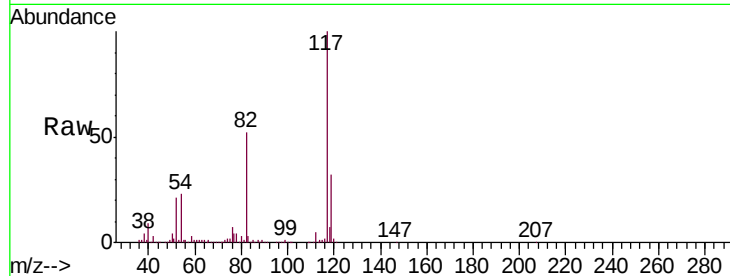




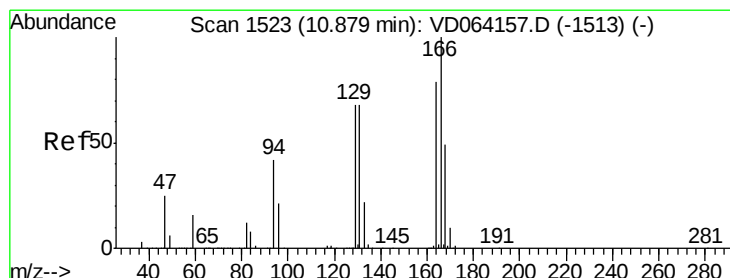
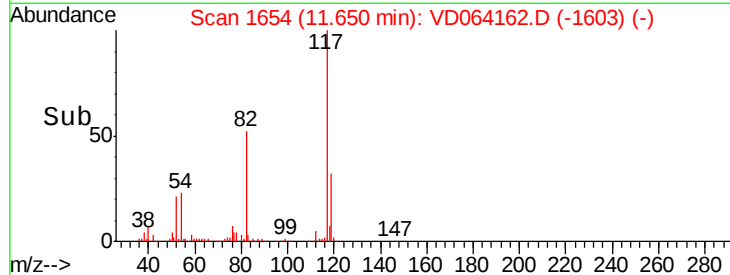
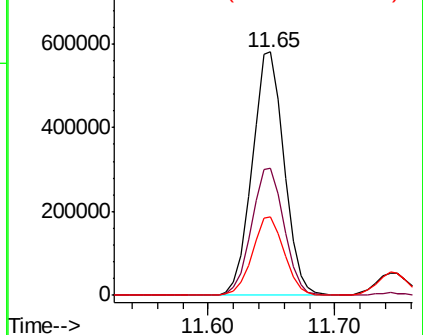
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.65 min Scan# 1654  
Delta R.T. 0.00 min  
Lab File: VD064162.D  
Acq: 08 Nov 2019 18:46

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

Tgt Ion:117 Resp: 1020248  
Ion Ratio Lower Upper  
117 100  
82 52.1 42.8 64.2  
119 32.3 25.6 38.4

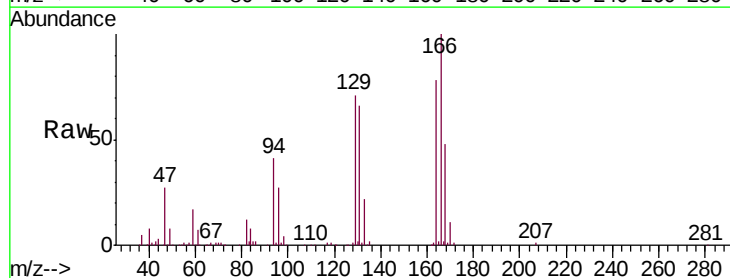


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

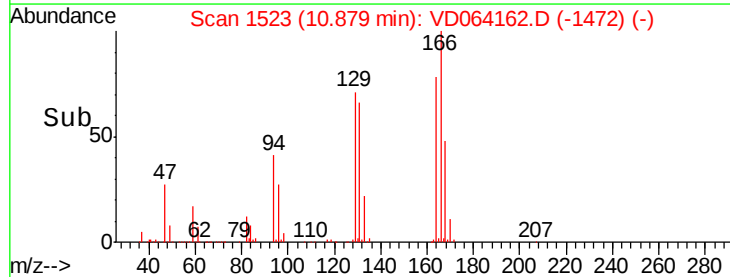
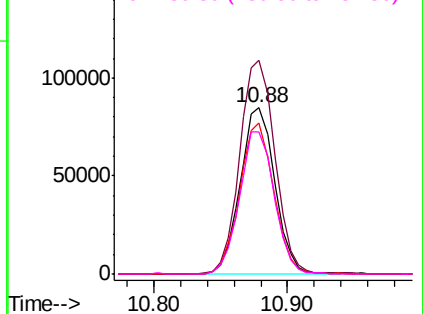


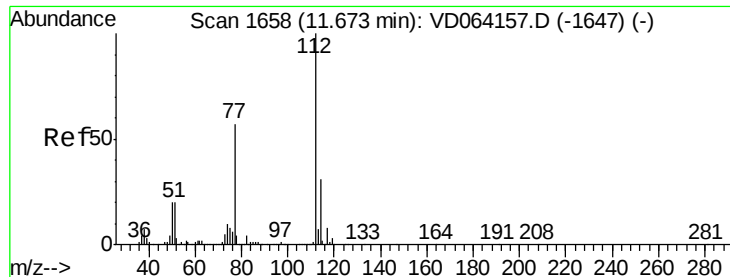
#64  
Tetrachloroethene  
Concen: 19.365 ug/l  
RT: 10.88 min Scan# 1523  
Delta R.T. 0.00 min  
Lab File: VD064162.D  
Acq: 08 Nov 2019 18:46

Tgt Ion:164 Resp: 151952  
Ion Ratio Lower Upper  
164 100  
166 128.6 100.8 151.2  
129 90.7 68.7 103.1  
131 85.3 68.1 102.1



Abundance Ion 163.80 (163.50 to 164.50): V  
Ion 165.80 (165.50 to 166.50): V  
Ion 128.80 (128.50 to 129.50): V  
Ion 130.80 (130.50 to 131.50): V

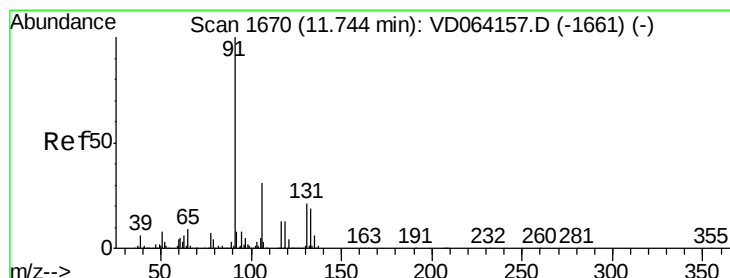
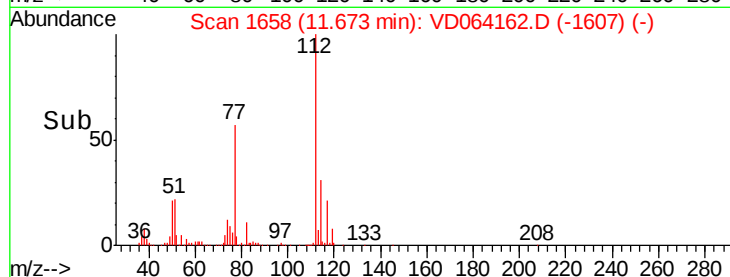
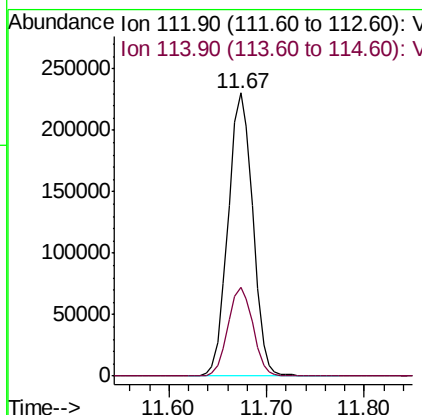
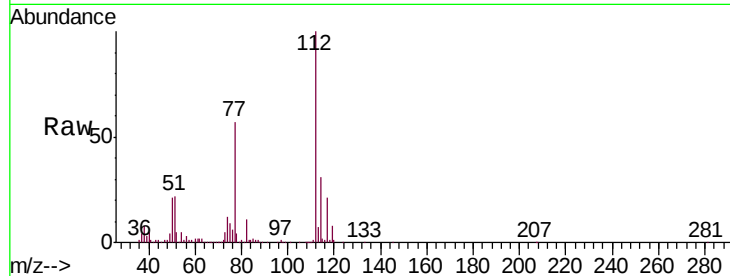




#65  
Chlorobenzene  
Concen: 19.497 ug/l  
RT: 11.67 min Scan# 1658  
Delta R.T. 0.00 min  
Lab File: VD064162.D  
Acq: 08 Nov 2019 18:46

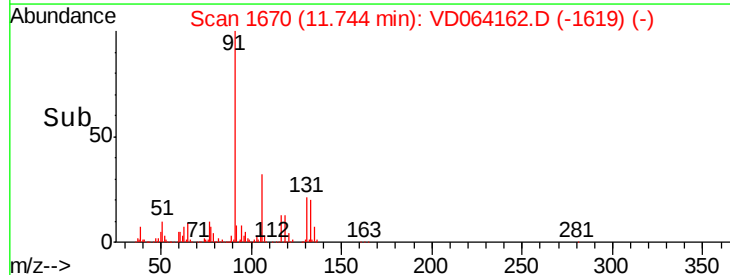
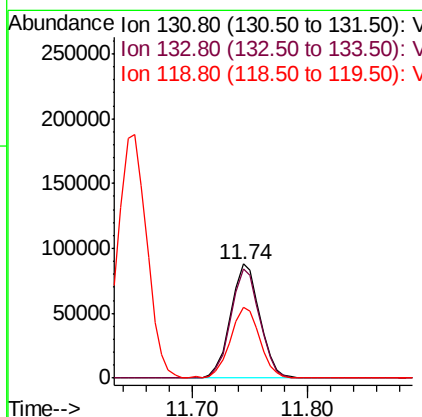
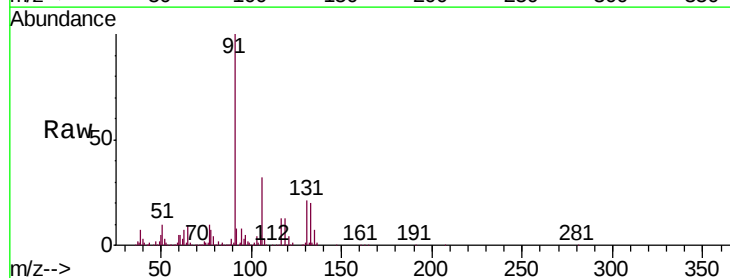
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

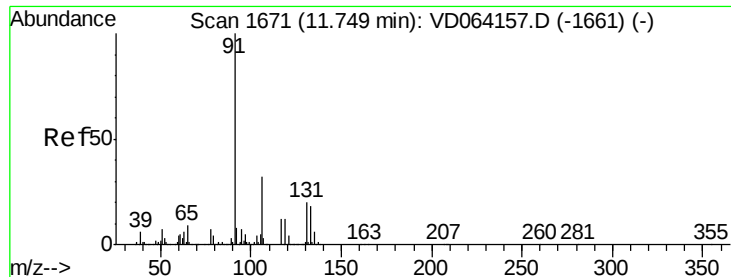
Tgt Ion:112 Resp: 404495  
Ion Ratio Lower Upper  
112 100  
114 31.4 25.2 37.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.483 ug/l  
RT: 11.74 min Scan# 1670  
Delta R.T. 0.00 min  
Lab File: VD064162.D  
Acq: 08 Nov 2019 18:46

Tgt Ion:131 Resp: 153698  
Ion Ratio Lower Upper  
131 100  
133 95.5 47.3 141.9  
119 63.2 31.1 93.3





#67

Ethyl Benzene

Concen: 19.354 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD064162.D

Acq: 08 Nov 2019 18:46

Instrument :

MSVOA\_D

ClientSampleId :

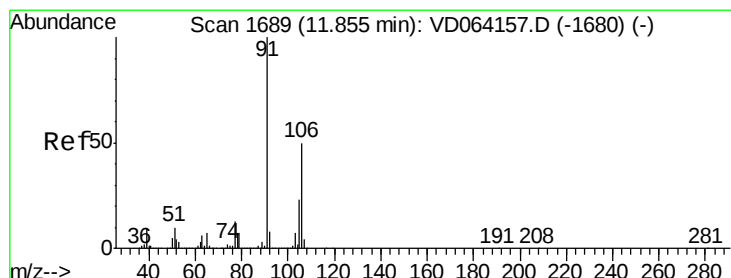
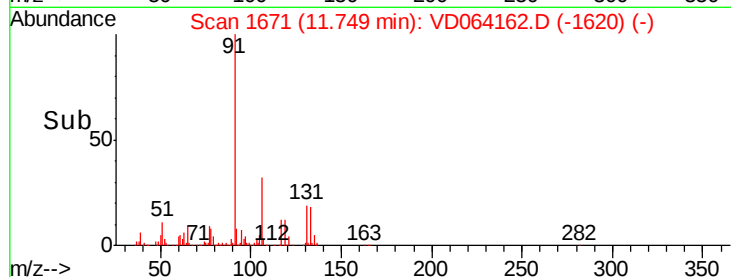
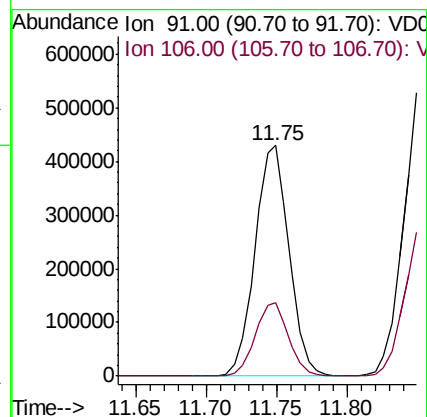
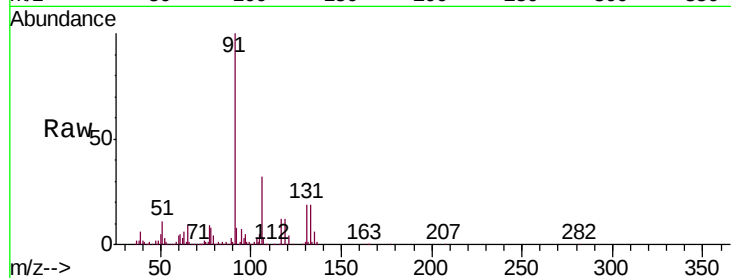
VD1108SBS01

Tgt Ion: 91 Resp: 726288

Ion Ratio Lower Upper

91 100

106 31.9 25.5 38.3



#68

m/p-Xylenes

Concen: 39.048 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD064162.D

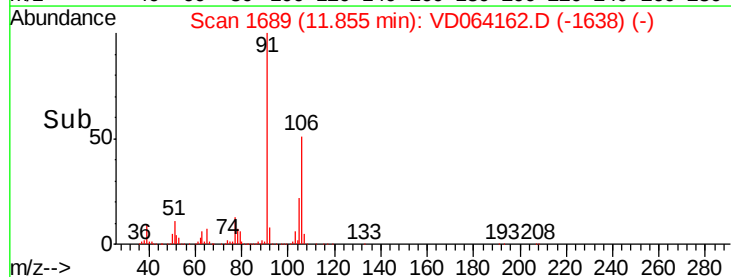
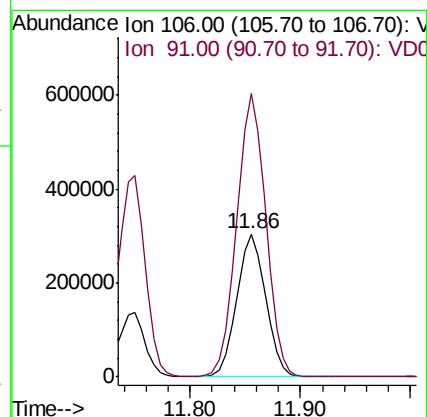
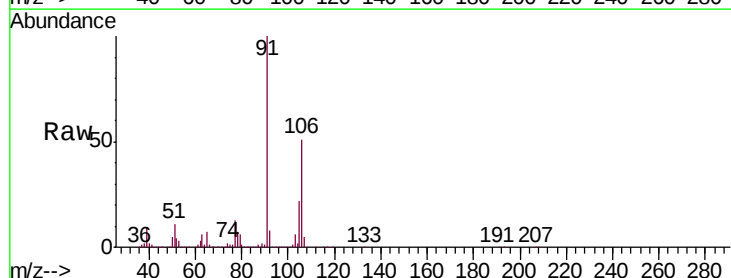
Acq: 08 Nov 2019 18:46

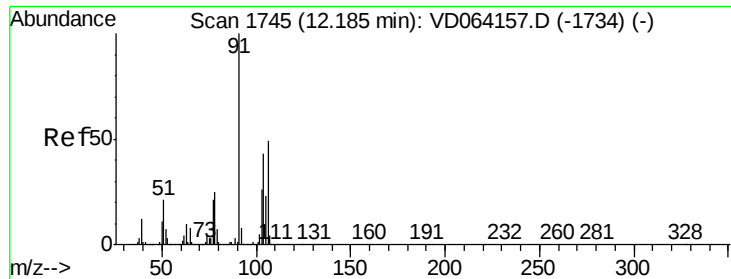
Tgt Ion: 106 Resp: 561675

Ion Ratio Lower Upper

106 100

91 199.5 160.3 240.5

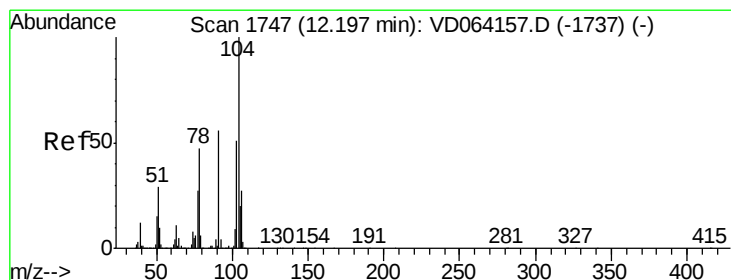
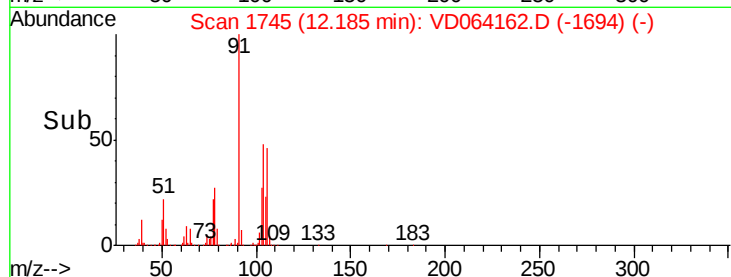
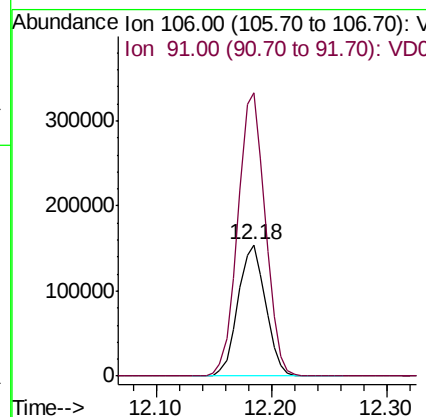
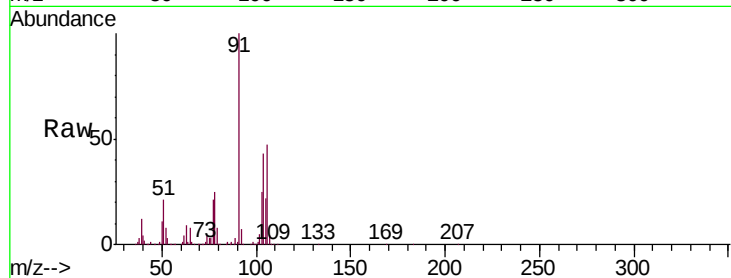




#69  
o-Xylene  
Concen: 19.235 ug/l  
RT: 12.18 min Scan# 1745  
Delta R.T. 0.00 min  
Lab File: VD064162.D  
Acq: 08 Nov 2019 18:46

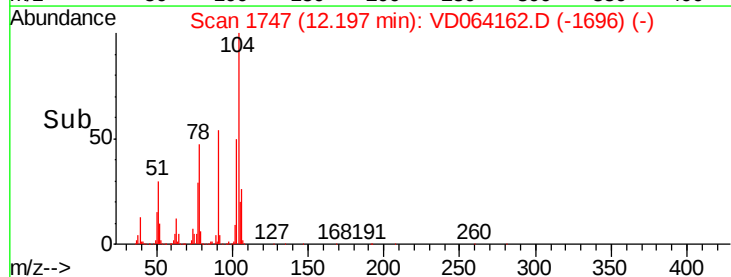
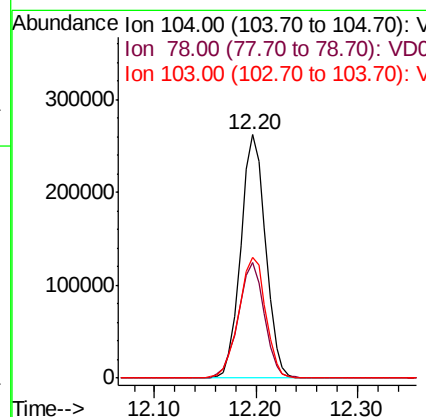
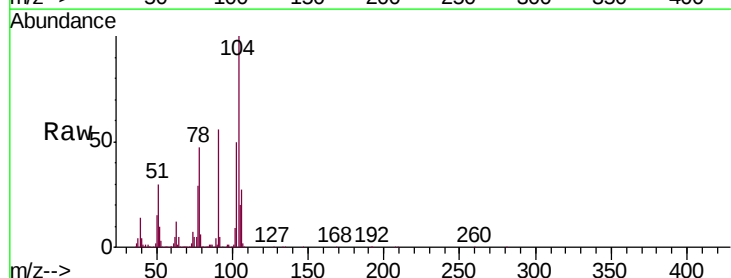
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

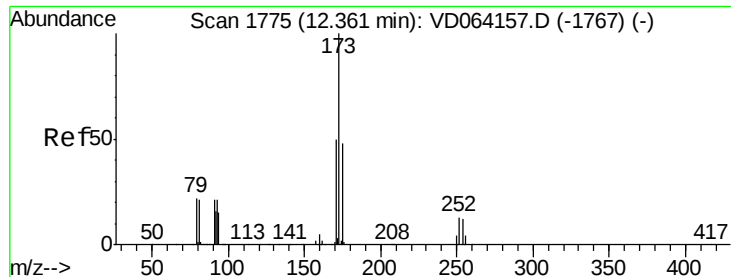
Tgt Ion:106 Resp: 256609  
Ion Ratio Lower Upper  
106 100  
91 214.1 105.1 315.3



#70  
Styrene  
Concen: 19.105 ug/l  
RT: 12.20 min Scan# 1747  
Delta R.T. 0.00 min  
Lab File: VD064162.D  
Acq: 08 Nov 2019 18:46

Tgt Ion:104 Resp: 444896  
Ion Ratio Lower Upper  
104 100  
78 50.0 39.9 59.9  
103 54.1 43.4 65.0





#71

Bromoform

Concen: 20.003 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD064162.D

Acq: 08 Nov 2019 18:46

Instrument :

MSVOA\_D

ClientSampleId :

VD1108SBS01

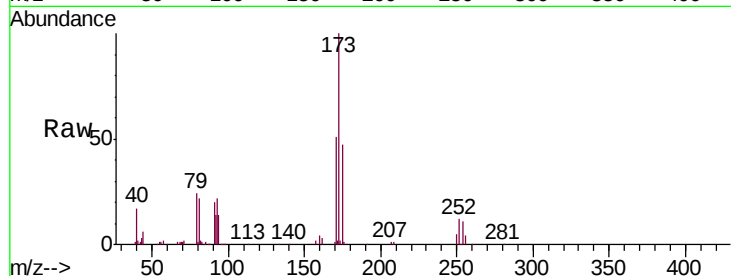
Tgt Ion:173 Resp: 89805

Ion Ratio Lower Upper

173 100

175 46.9 24.1 72.3

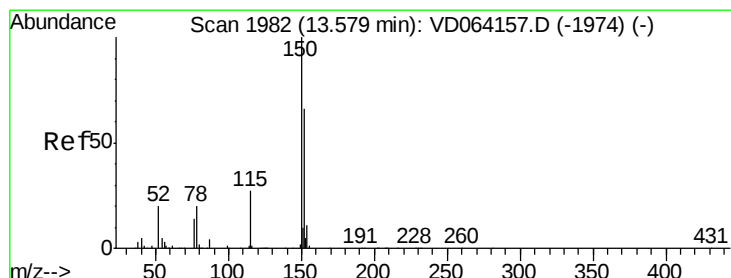
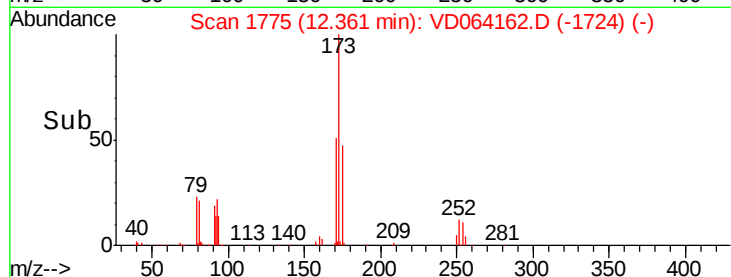
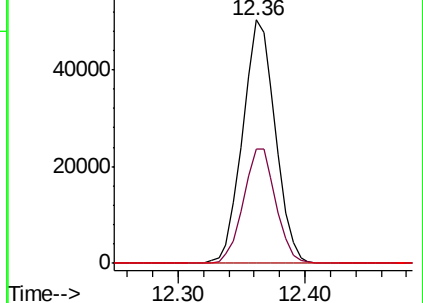
254 0.1 0.2 0.2#



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: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD064162.D

Acq: 08 Nov 2019 18:46

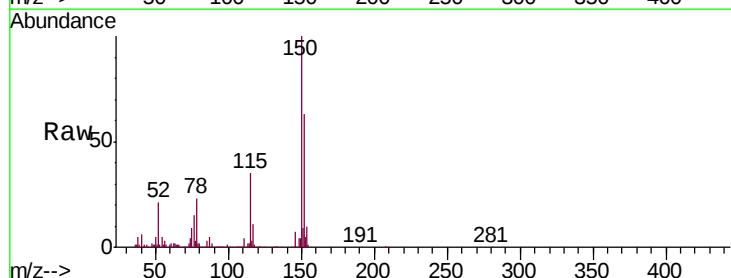
Tgt Ion:152 Resp: 489361

Ion Ratio Lower Upper

152 100

115 55.2 27.4 82.2

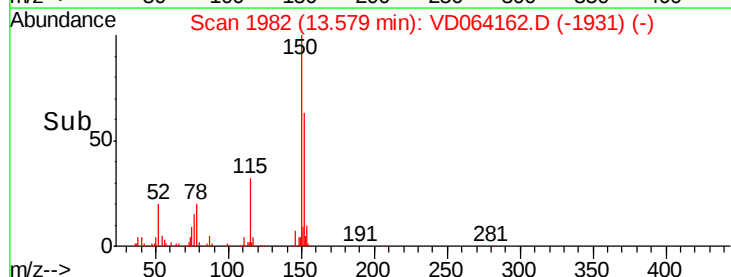
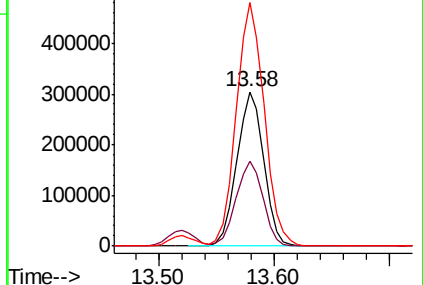
150 164.2 0.0 351.6

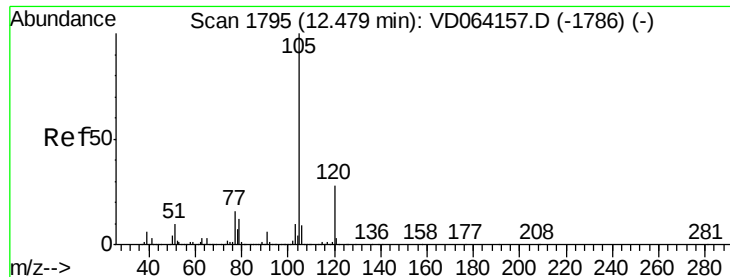


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.935 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD064162.D

Acq: 08 Nov 2019 18:46

Instrument :

MSVOA\_D

ClientSampleId :

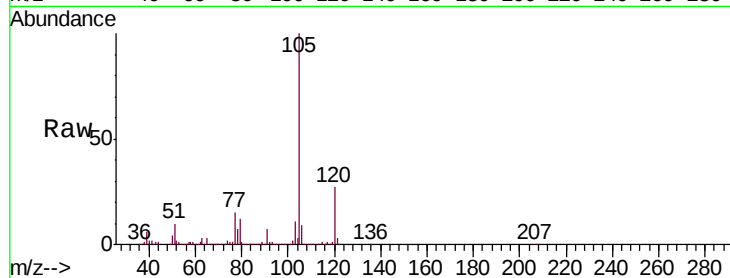
VD1108SBS01

Tgt Ion: 105 Resp: 716052

Ion Ratio Lower Upper

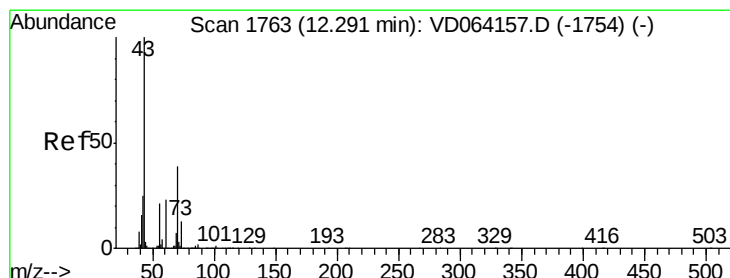
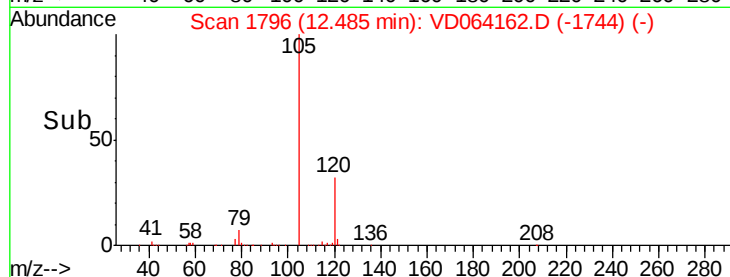
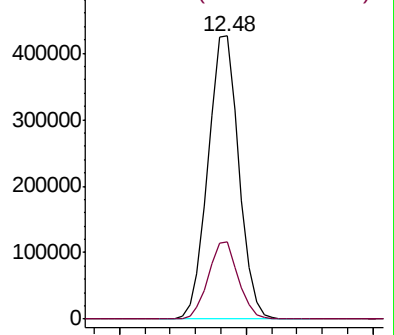
105 100

120 26.6 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.072 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD064162.D

Acq: 08 Nov 2019 18:46

Tgt Ion: 43 Resp: 170256

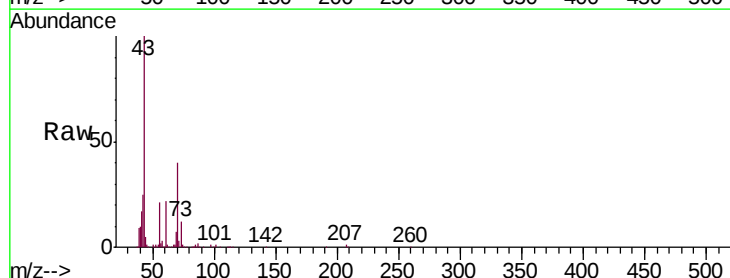
Ion Ratio Lower Upper

43 100

70 40.1 32.4 48.6

55 22.0 17.9 26.9

61 23.2 19.0 28.4

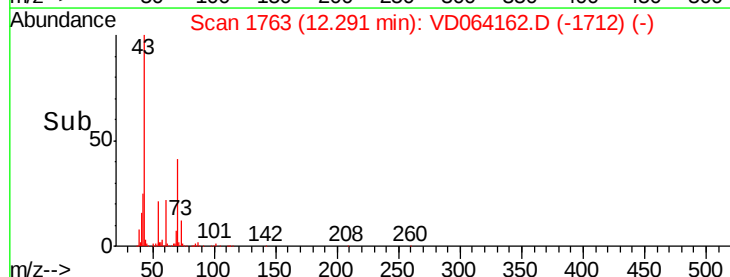
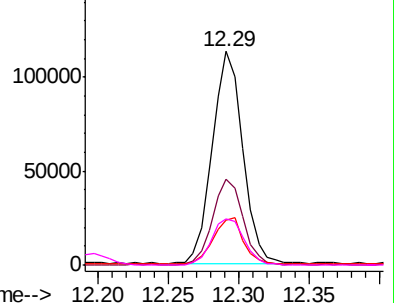


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 20.336 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD064162.D

Acq: 08 Nov 2019 18:46

Instrument :

MSVOA\_D

ClientSampleId :

VD1108SBS01

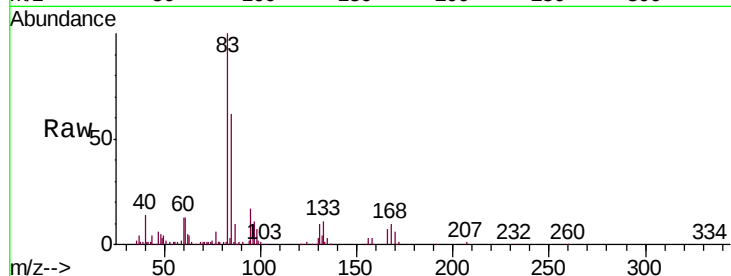
Tgt Ion: 83 Resp: 110063

Ion Ratio Lower Upper

83 100

131 10.9 5.9 17.7

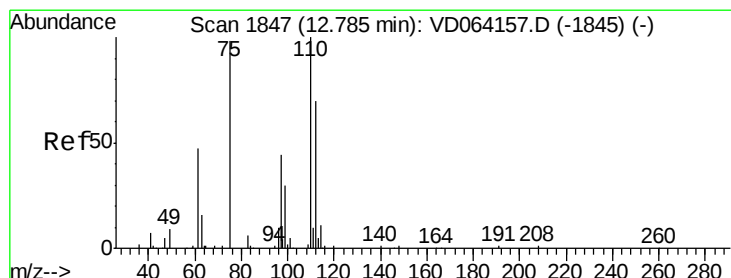
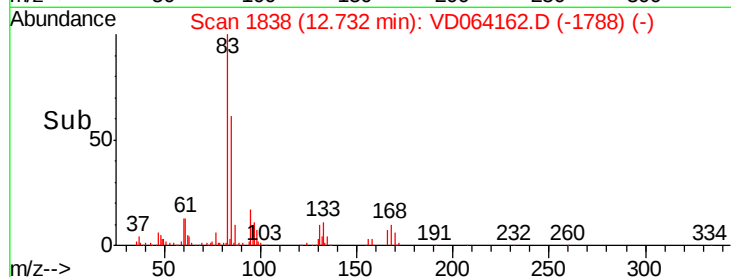
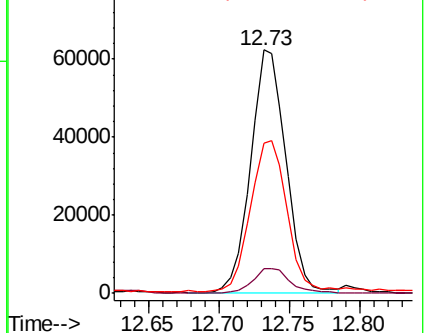
85 63.7 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 37.947 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD064162.D

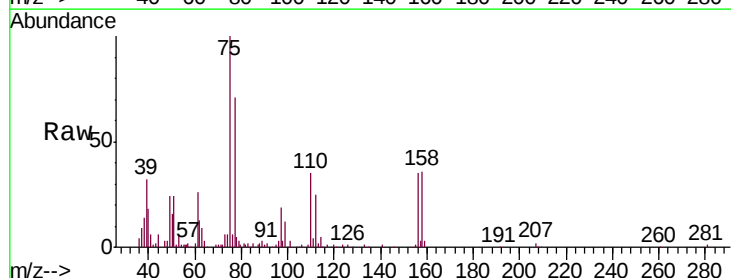
Acq: 08 Nov 2019 18:46

Tgt Ion: 75 Resp: 149575

Ion Ratio Lower Upper

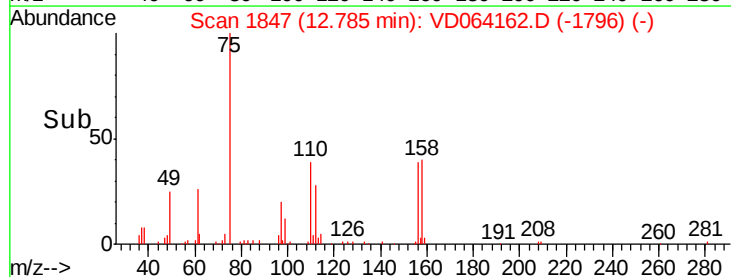
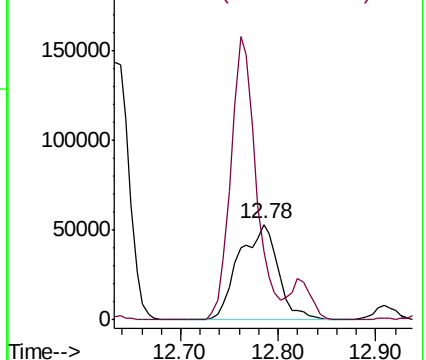
75 100

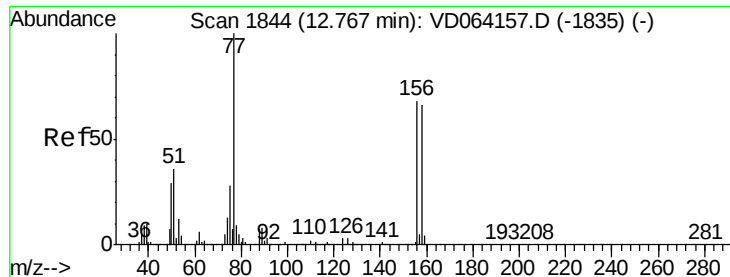
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 19.906 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD064162.D

Acq: 08 Nov 2019 18:46

Instrument :

MSVOA\_D

ClientSampleId :

VD1108SBS01

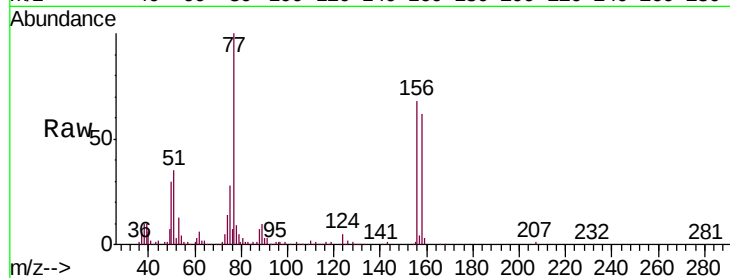
Tgt Ion: 156 Resp: 173709

Ion Ratio Lower Upper

156 100

77 163.4 81.2 243.4

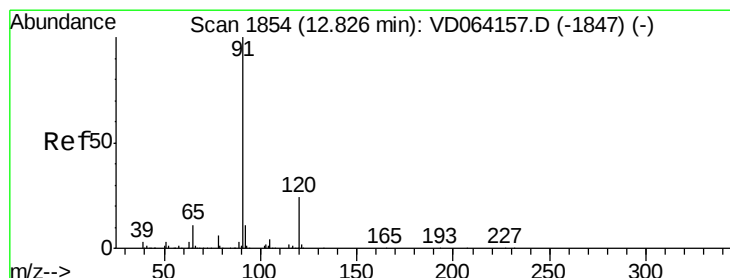
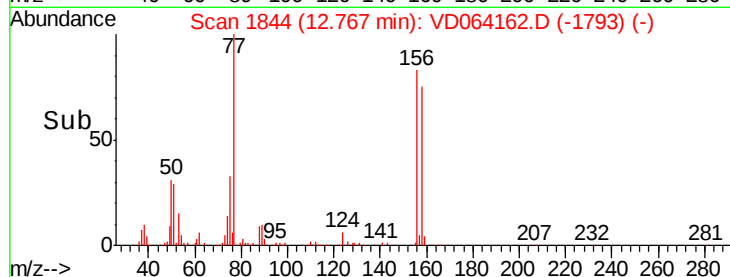
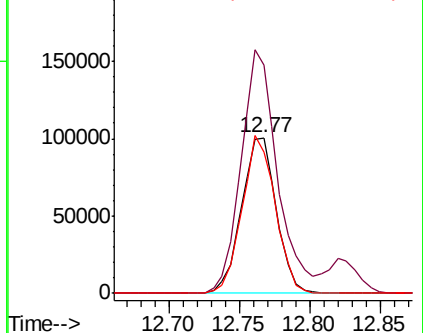
158 96.5 48.4 145.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.745 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD064162.D

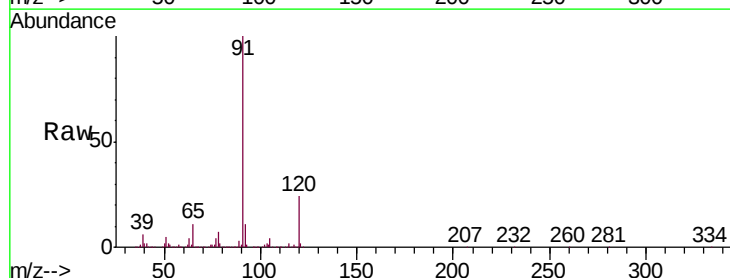
Acq: 08 Nov 2019 18:46

Tgt Ion: 91 Resp: 810278

Ion Ratio Lower Upper

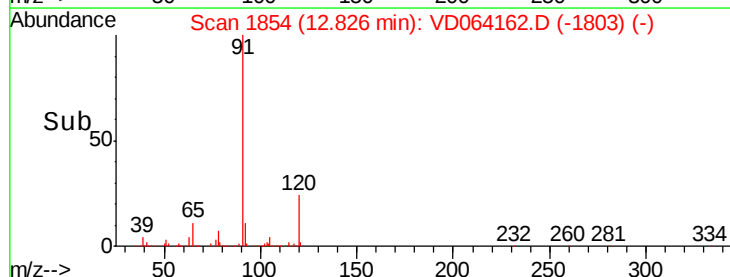
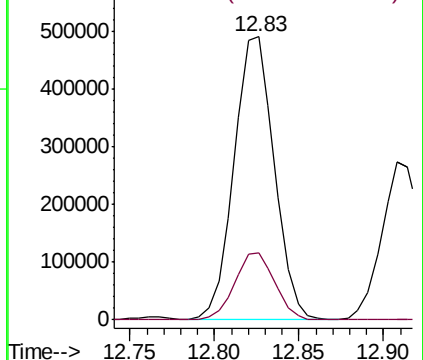
91 100

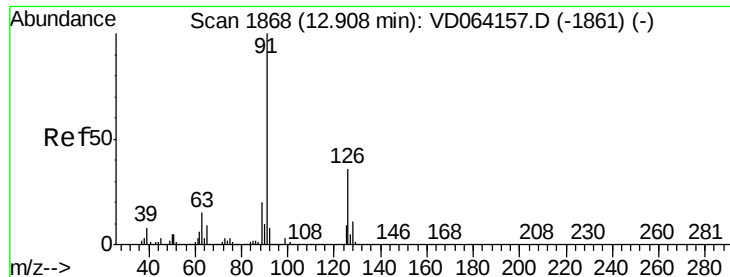
120 23.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.667 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD064162.D

Acq: 08 Nov 2019 18:46

Instrument :

MSVOA\_D

ClientSampleId :

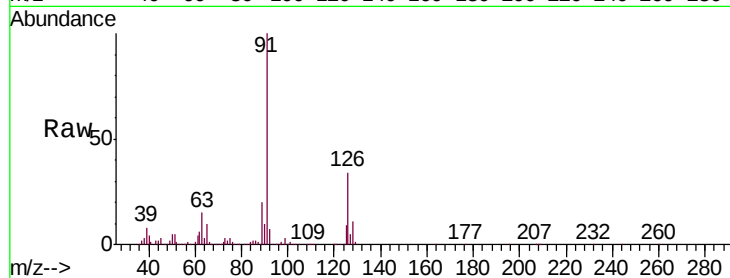
VD1108SBS01

Tgt Ion: 91 Resp: 455663

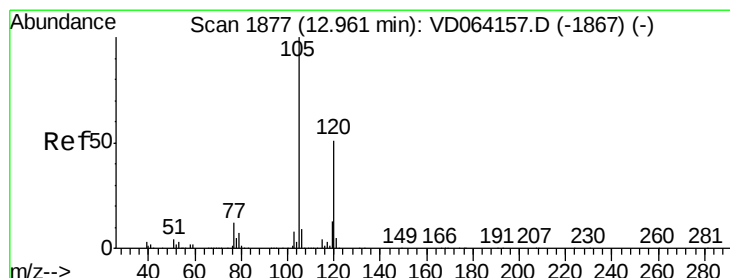
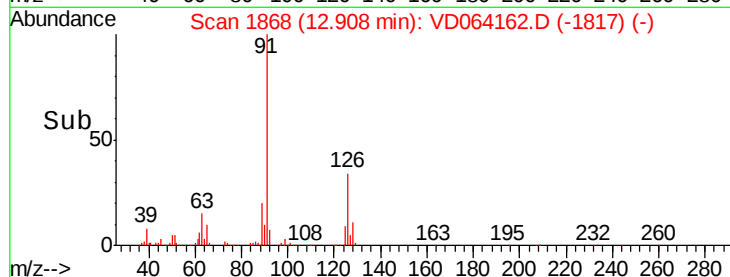
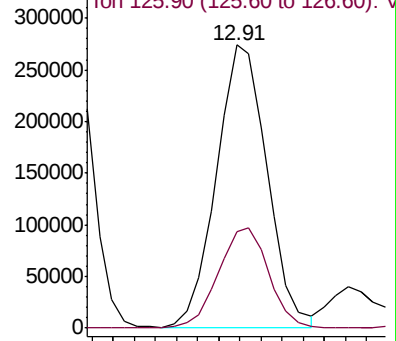
Ion Ratio Lower Upper

91 100

126 35.2 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): V



#80

1,3,5-Trimethylbenzene

Concen: 19.627 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD064162.D

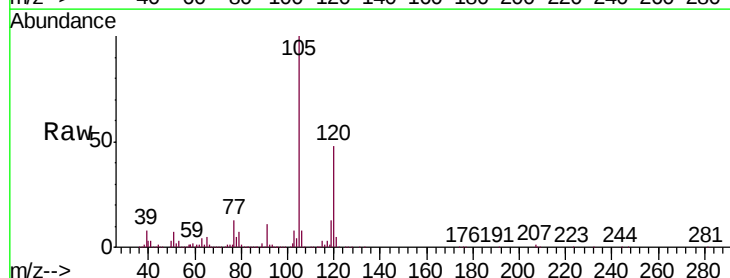
Acq: 08 Nov 2019 18:46

Tgt Ion: 105 Resp: 579289

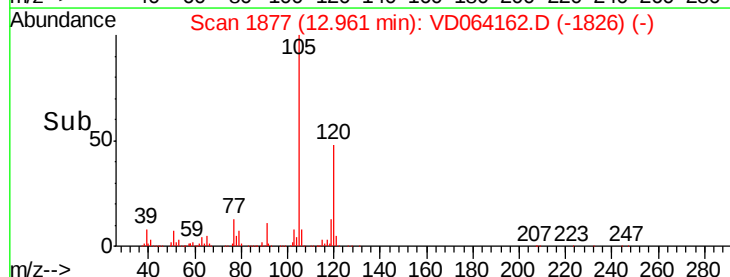
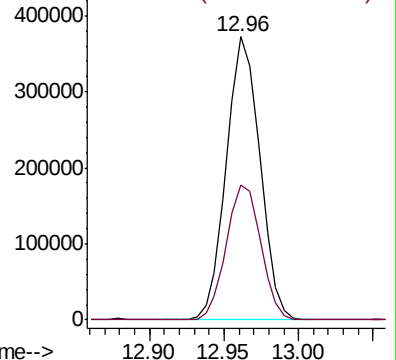
Ion Ratio Lower Upper

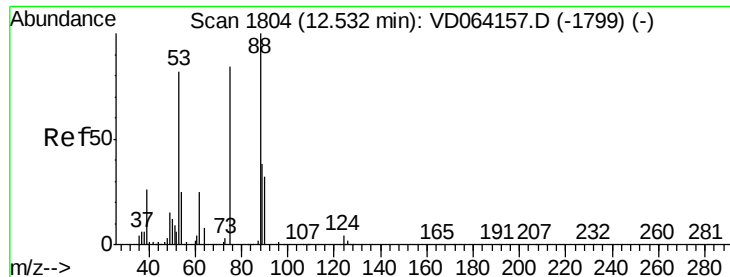
105 100

120 49.1 25.4 76.4



Abundance Ion 105.00 (104.70 to 105.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 19.524 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD064162.D

Acq: 08 Nov 2019 18:46

Instrument :

MSVOA\_D

ClientSampleId :

VD1108SBS01

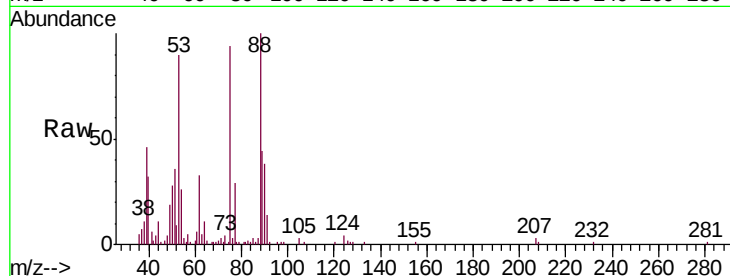
Tgt Ion: 75 Resp: 38742

Ion Ratio Lower Upper

75 100

53 105.1 79.4 119.0

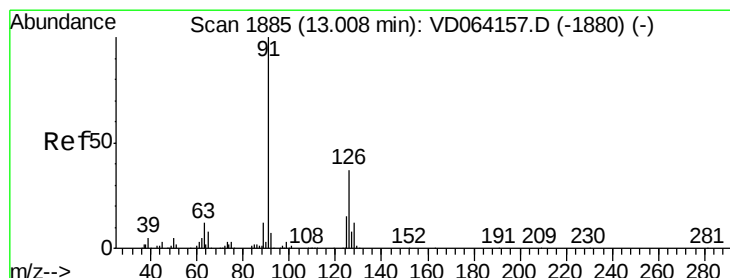
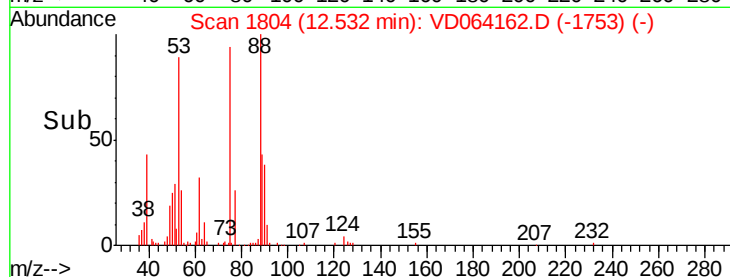
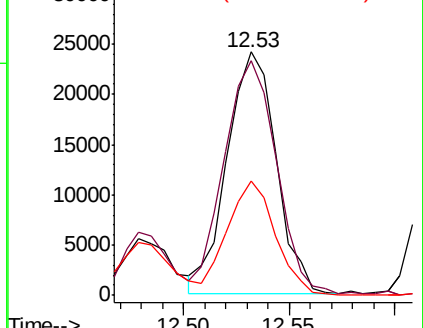
89 46.2 36.6 55.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 19.799 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD064162.D

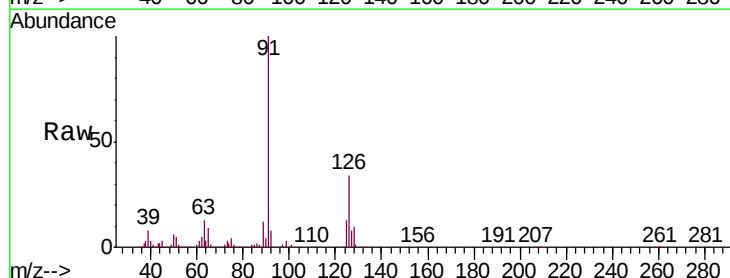
Acq: 08 Nov 2019 18:46

Tgt Ion: 91 Resp: 478452

Ion Ratio Lower Upper

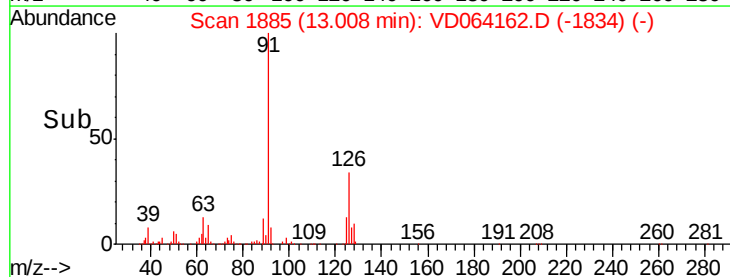
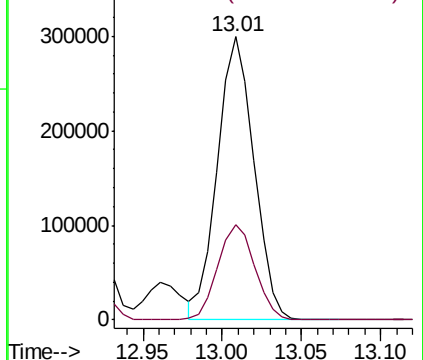
91 100

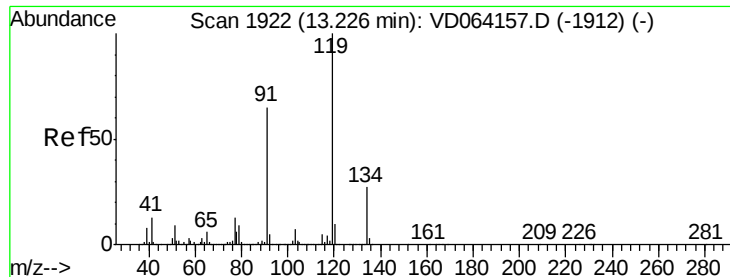
126 34.5 17.8 53.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

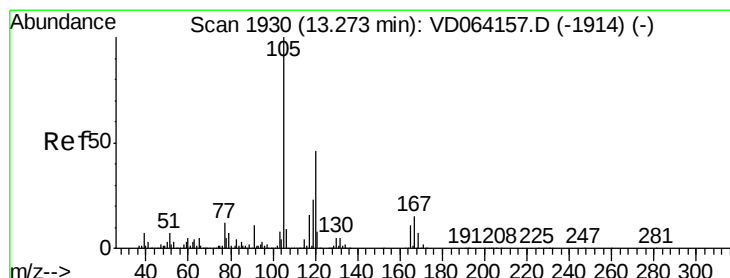
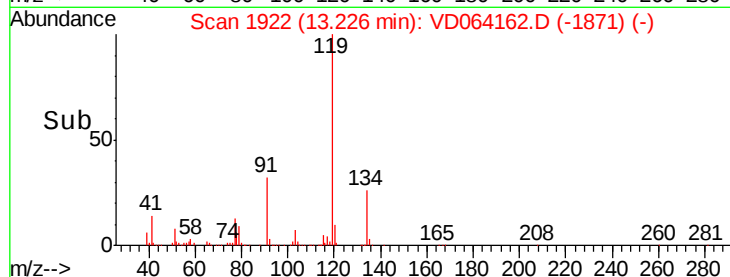
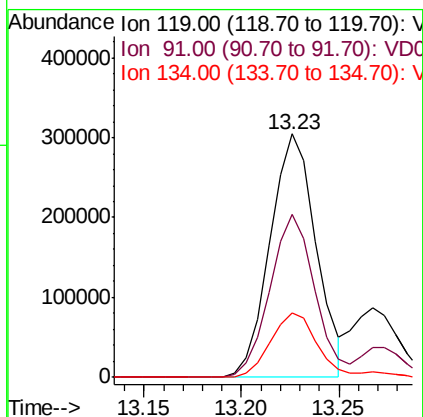
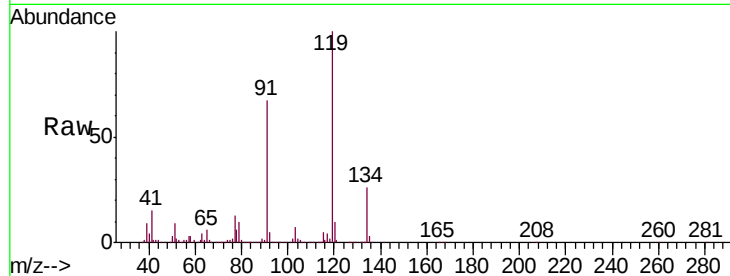




#83  
tert-Butylbenzene  
Concen: 19.106 ug/l  
RT: 13.23 min Scan# 1922  
Delta R.T. 0.00 min  
Lab File: VD064162.D  
Acq: 08 Nov 2019 18:46

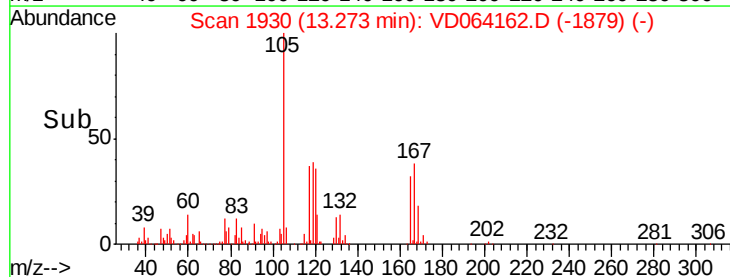
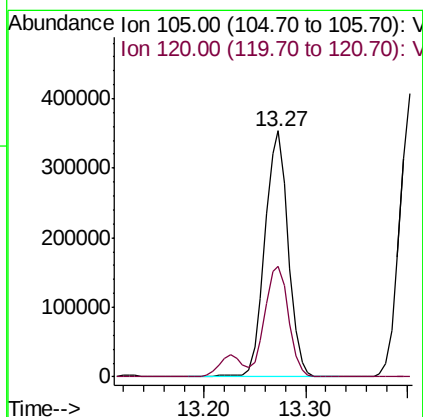
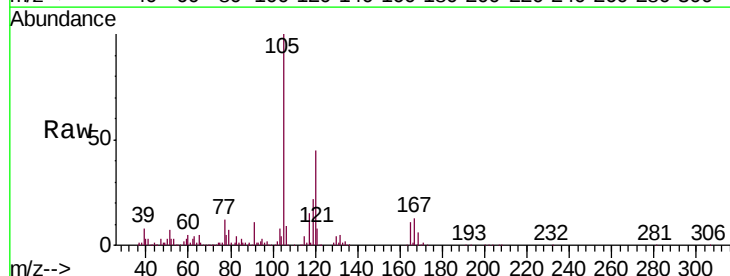
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

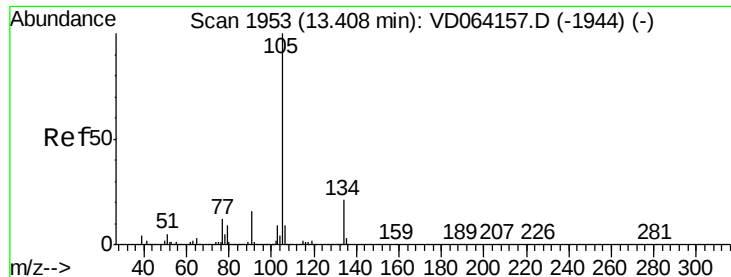
Tgt Ion:119 Resp: 497234  
Ion Ratio Lower Upper  
119 100  
91 65.5 31.8 95.4  
134 28.1 13.7 41.0



#84  
1,2,4-Trimethylbenzene  
Concen: 19.600 ug/l  
RT: 13.27 min Scan# 1930  
Delta R.T. 0.00 min  
Lab File: VD064162.D  
Acq: 08 Nov 2019 18:46

Tgt Ion:105 Resp: 571111  
Ion Ratio Lower Upper  
105 100  
120 45.8 23.3 69.8

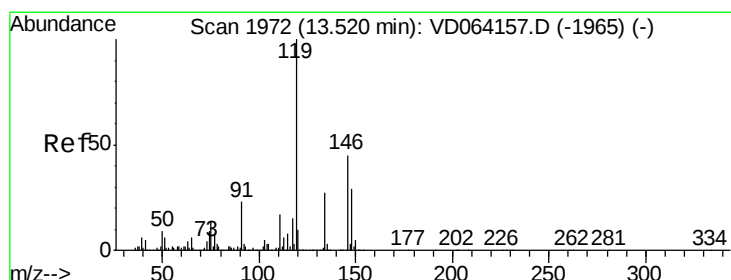
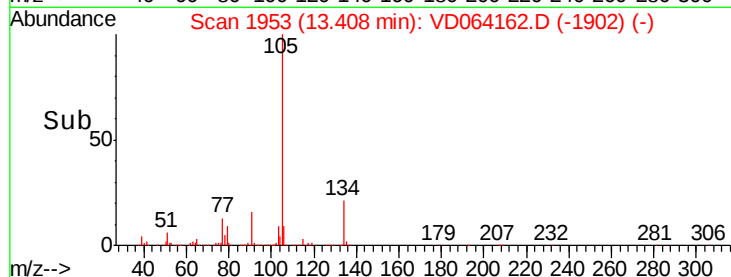
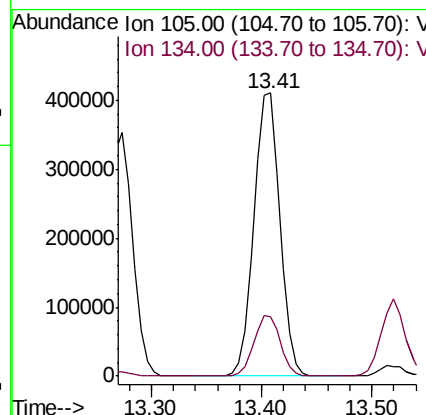
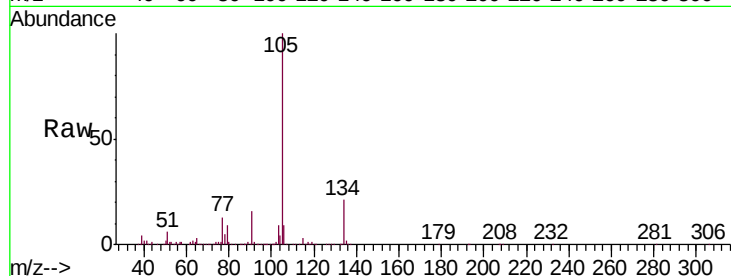




#85  
 sec-Butylbenzene  
 Concen: 19.489 ug/l  
 RT: 13.41 min Scan# 1953  
 Delta R.T. 0.00 min  
 Lab File: VD064162.D  
 Acq: 08 Nov 2019 18:46

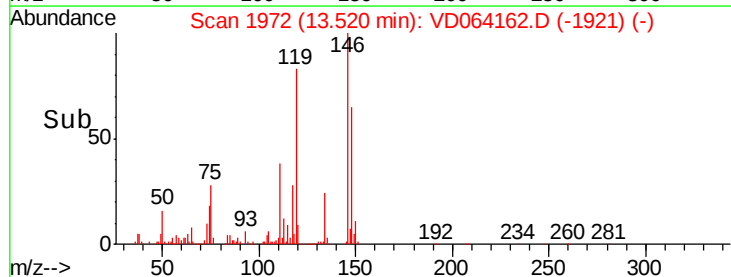
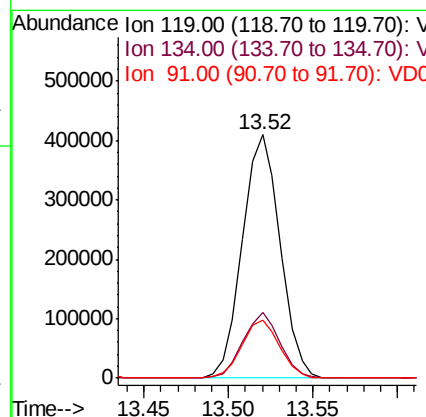
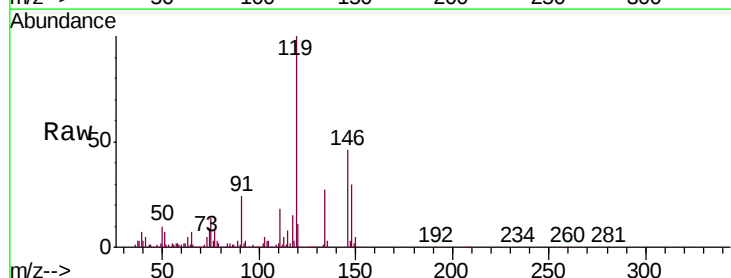
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1108SBS01

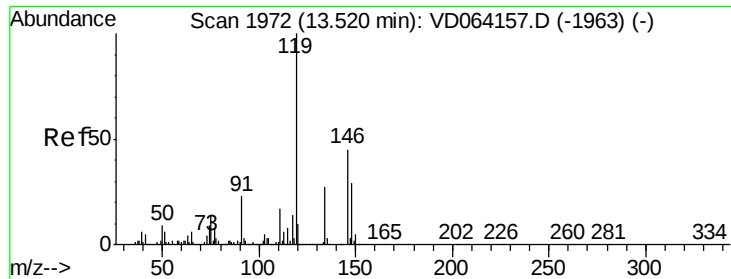
Tgt Ion:105 Resp: 681235  
 Ion Ratio Lower Upper  
 105 100  
 134 21.5 10.7 31.9



#86  
 p-Isopropyltoluene  
 Concen: 19.134 ug/l  
 RT: 13.52 min Scan# 1972  
 Delta R.T. 0.00 min  
 Lab File: VD064162.D  
 Acq: 08 Nov 2019 18:46

Tgt Ion:119 Resp: 635835  
 Ion Ratio Lower Upper  
 119 100  
 134 26.4 13.5 40.5  
 91 23.9 11.5 34.4

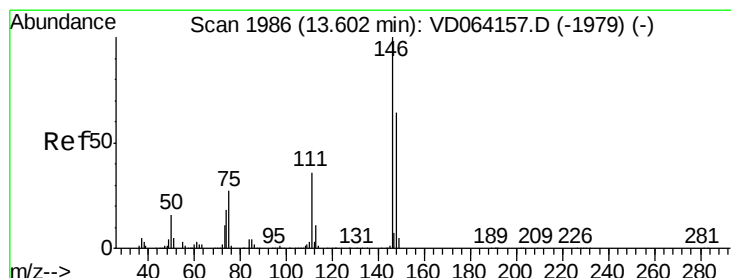
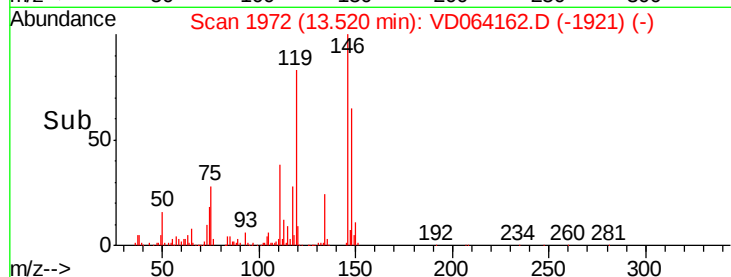
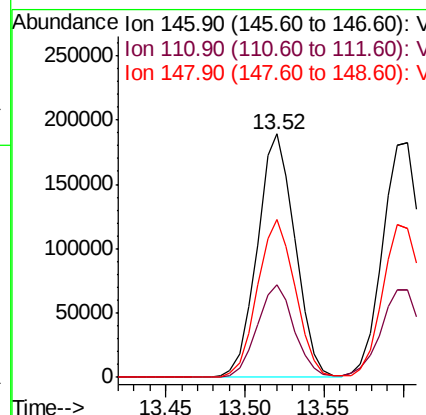
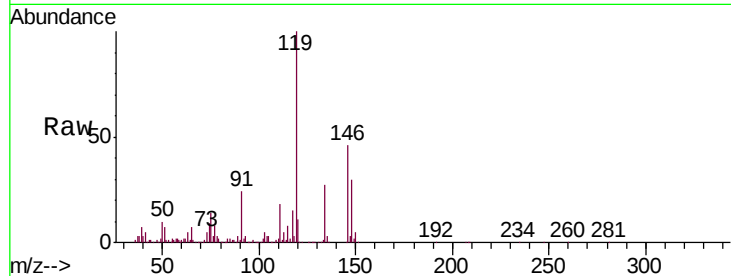




#87  
 1,3-Dichlorobenzene  
 Concen: 19.343 ug/l  
 RT: 13.52 min Scan# 1972  
 Delta R.T. 0.00 min  
 Lab File: VD064162.D  
 Acq: 08 Nov 2019 18:46

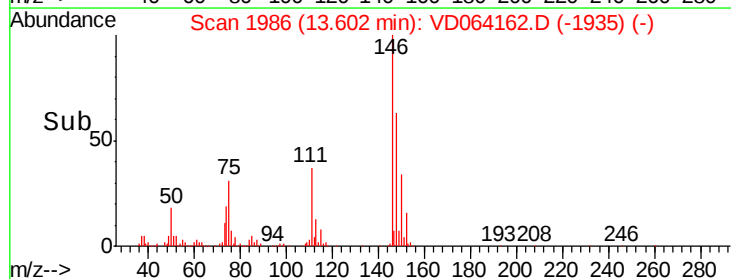
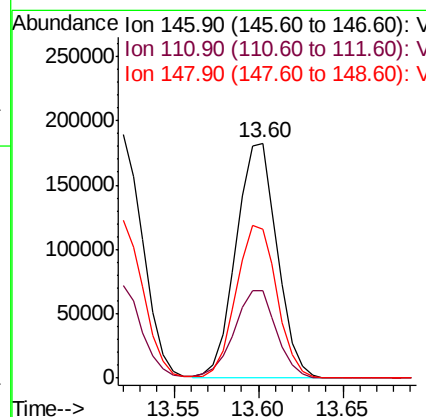
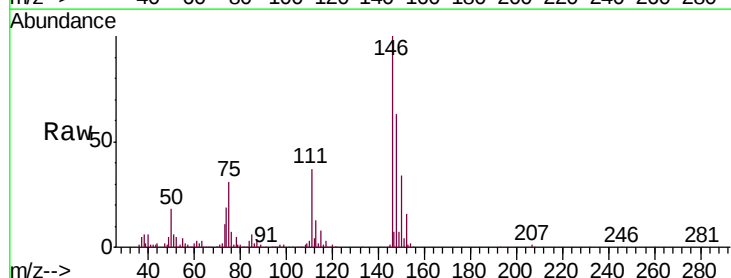
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1108SBS01

Tgt Ion:146 Resp: 313326  
 Ion Ratio Lower Upper  
 146 100  
 111 37.2 18.9 56.9  
 148 65.1 32.1 96.5



#88  
 1,4-Dichlorobenzene  
 Concen: 19.546 ug/l  
 RT: 13.60 min Scan# 1986  
 Delta R.T. 0.00 min  
 Lab File: VD064162.D  
 Acq: 08 Nov 2019 18:46

Tgt Ion:146 Resp: 309013  
 Ion Ratio Lower Upper  
 146 100  
 111 38.7 18.1 54.4  
 148 64.7 31.9 95.7

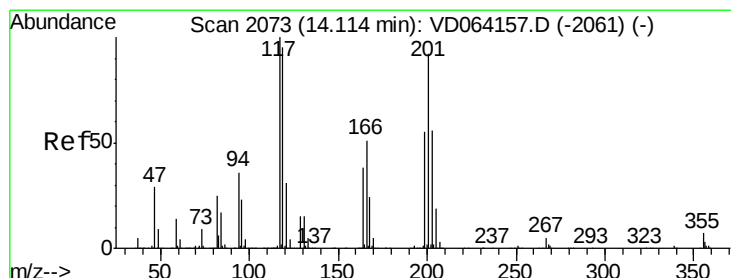
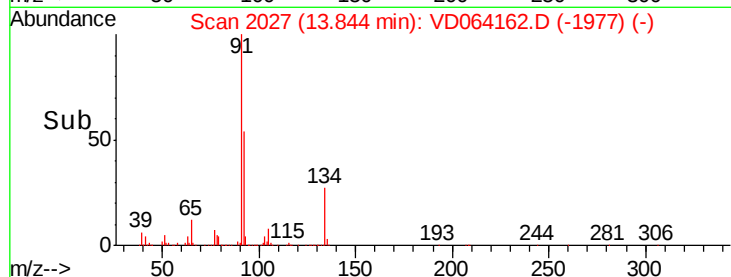
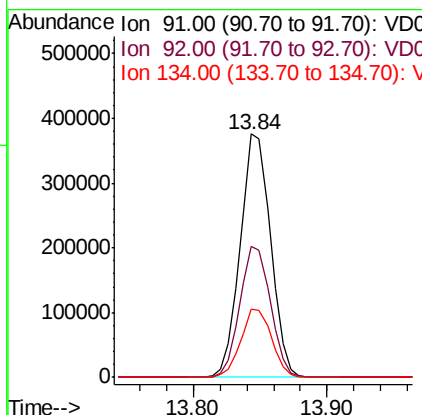
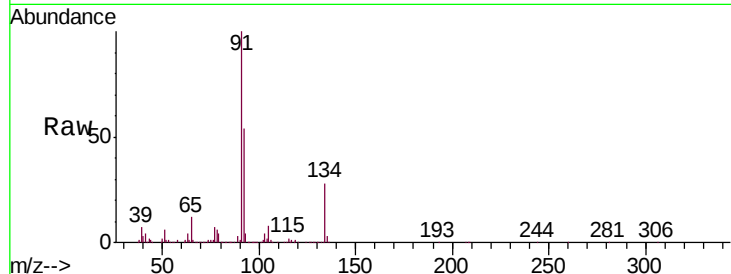




#89  
n-Butylbenzene  
Concen: 19.605 ug/l  
RT: 13.84 min Scan# 2027  
Delta R.T. -0.01 min  
Lab File: VD064162.D  
Acq: 08 Nov 2019 18:46

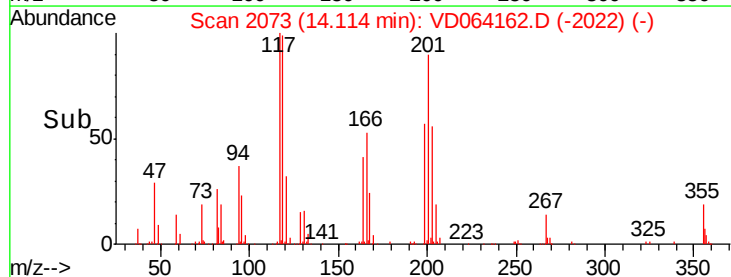
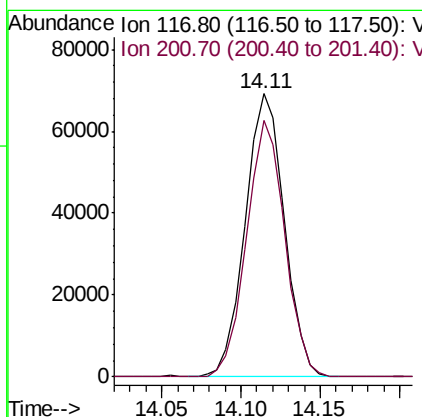
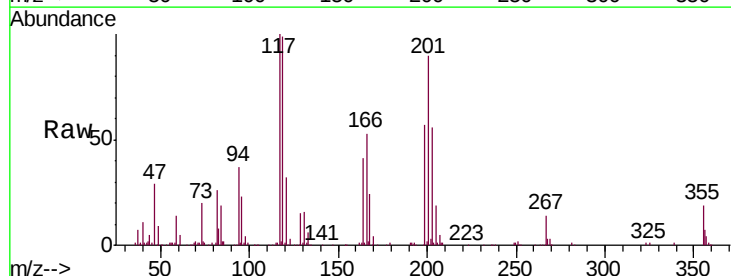
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

Tgt Ion: 91 Resp: 588595  
Ion Ratio Lower Upper  
91 100  
92 54.5 27.3 81.8  
134 28.4 14.1 42.4



#90  
Hexachloroethane  
Concen: 19.329 ug/l  
RT: 14.11 min Scan# 2073  
Delta R.T. 0.00 min  
Lab File: VD064162.D  
Acq: 08 Nov 2019 18:46

Tgt Ion: 117 Resp: 118705  
Ion Ratio Lower Upper  
117 100  
201 88.7 45.8 137.4

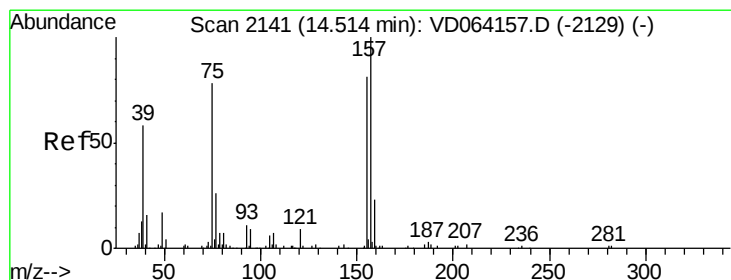
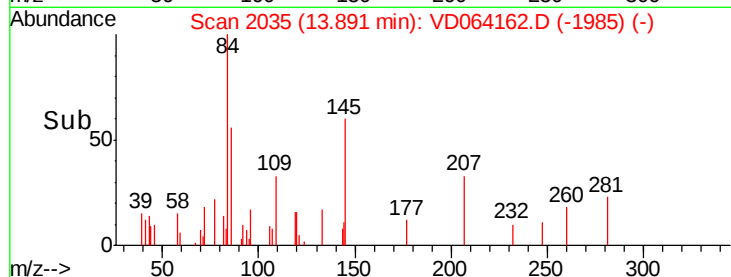
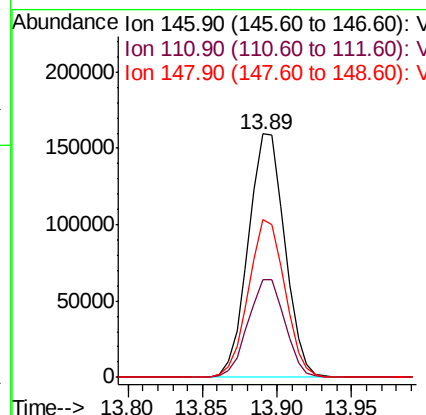
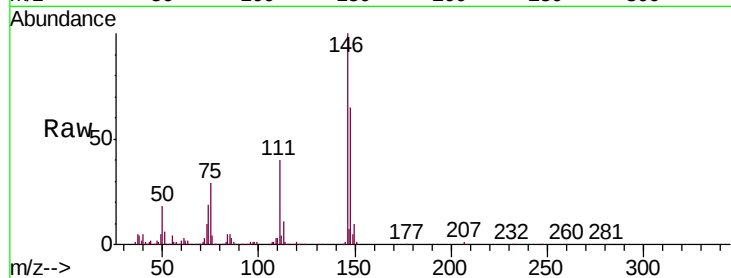




#91  
 1,2-Dichlorobenzene  
 Concen: 19.655 ug/l  
 RT: 13.89 min Scan# 2035  
 Delta R.T. -0.01 min  
 Lab File: VD064162.D  
 Acq: 08 Nov 2019 18:46

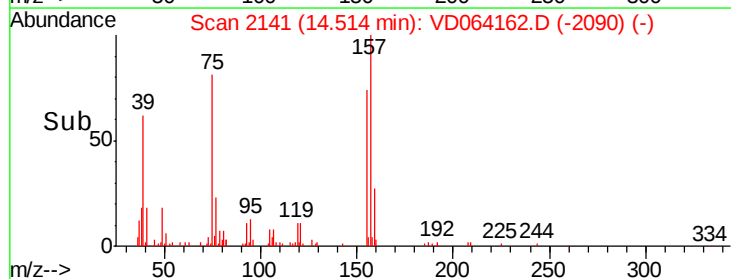
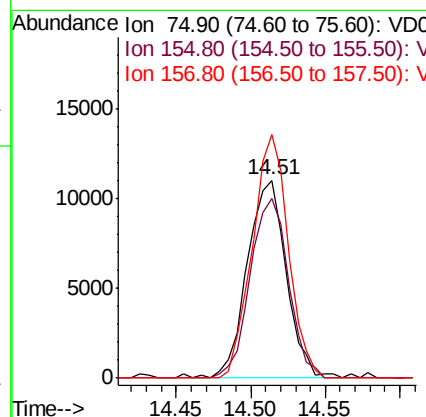
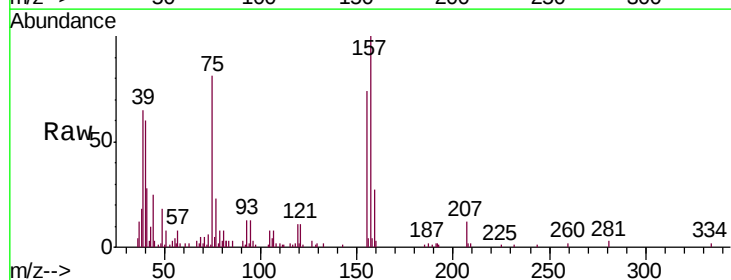
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1108SBS01

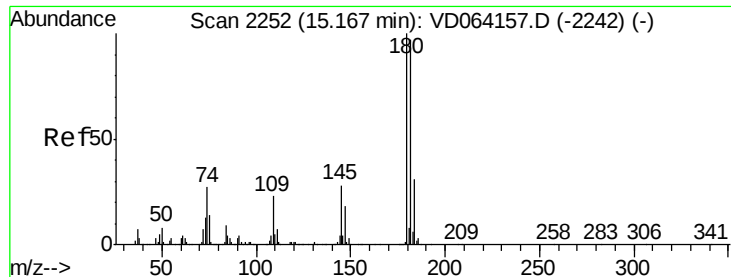
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.7  | 19.7  | 59.0  |
| 148     | 64.6  | 32.3  | 96.8  |



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 20.552 ug/l  
 RT: 14.51 min Scan# 2141  
 Delta R.T. 0.00 min  
 Lab File: VD064162.D  
 Acq: 08 Nov 2019 18:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 88.9  | 48.0  | 144.0 |
| 157     | 113.5 | 61.5  | 184.4 |

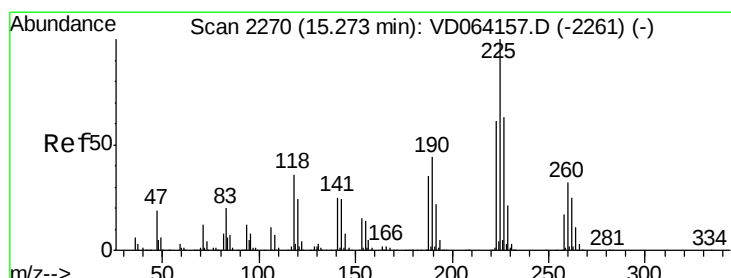
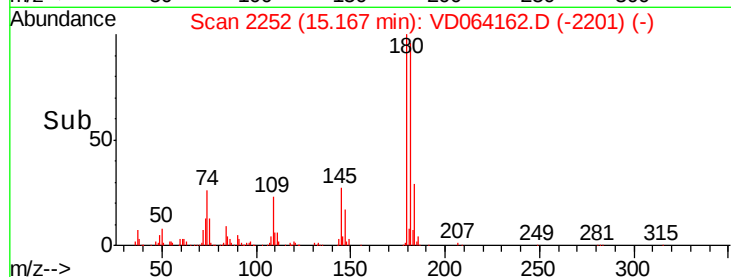
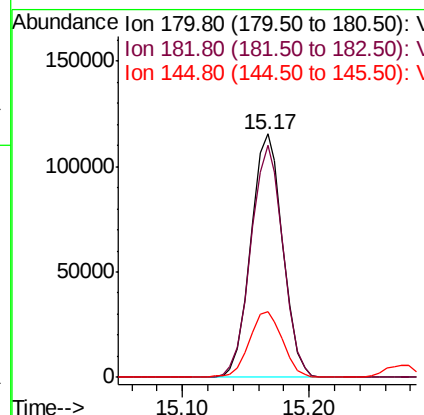
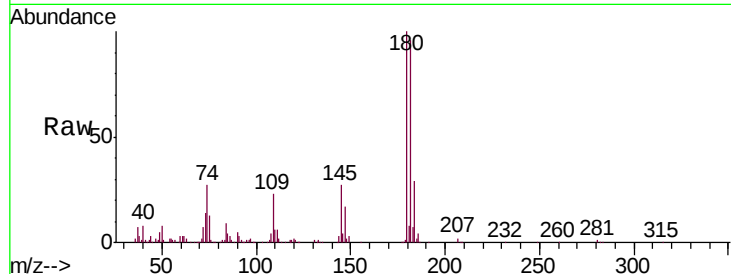




#93  
 1,2,4-Trichlorobenzene  
 Concen: 19.026 ug/l  
 RT: 15.17 min Scan# 2252  
 Delta R.T. 0.00 min  
 Lab File: VD064162.D  
 Acq: 08 Nov 2019 18:46

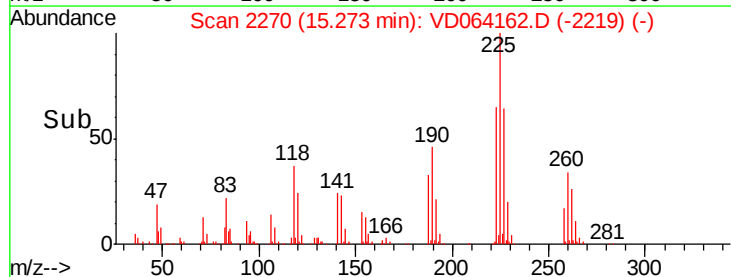
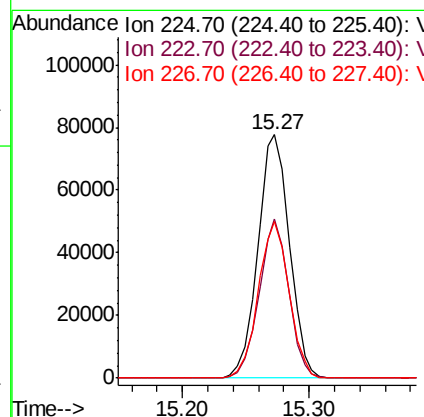
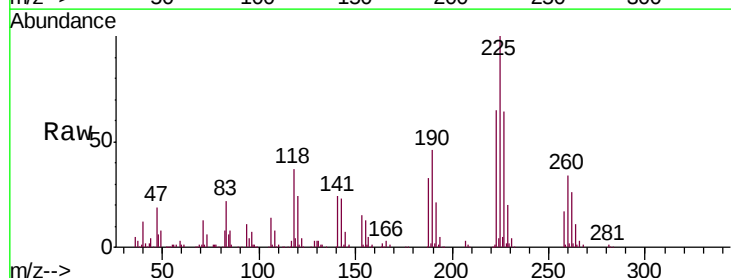
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1108SBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.5  | 47.5  | 142.5 |
| 145     | 28.2  | 14.2  | 42.6  |



#94  
 Hexachlorobutadiene  
 Concen: 19.727 ug/l  
 RT: 15.27 min Scan# 2270  
 Delta R.T. 0.00 min  
 Lab File: VD064162.D  
 Acq: 08 Nov 2019 18:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.2  | 31.1  | 93.3  |
| 227     | 62.7  | 31.5  | 94.5  |

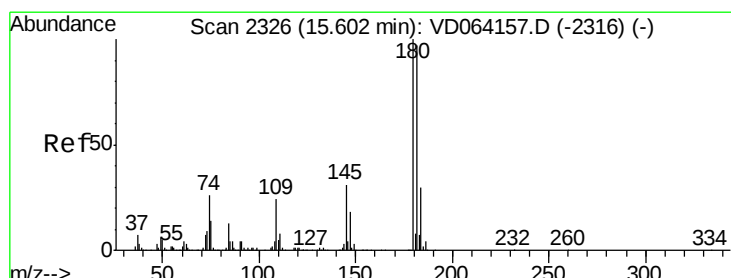
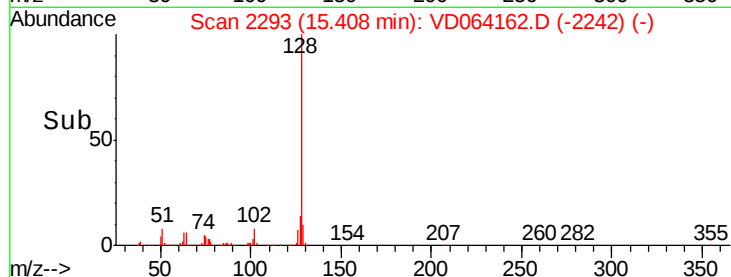
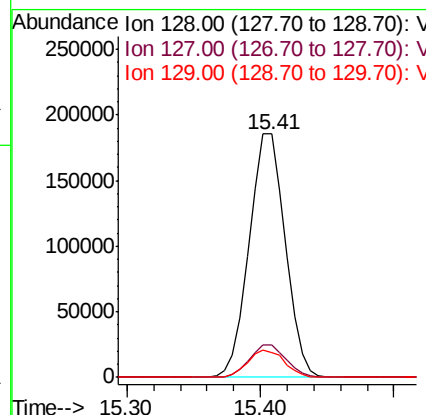
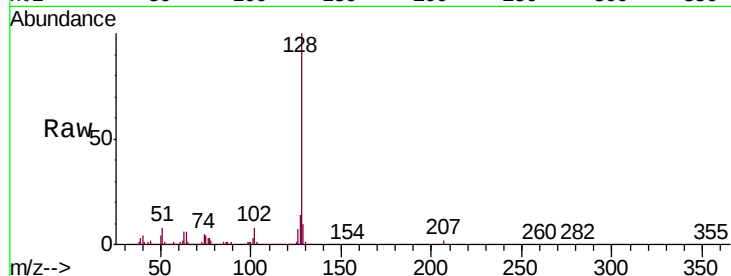




#95  
Naphthalene  
Concen: 19.955 ug/l  
RT: 15.41 min Scan# 2293  
Delta R.T. 0.00 min  
Lab File: VD064162.D  
Acq: 08 Nov 2019 18:46

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1108SBS01

Tgt Ion:128 Resp: 345973  
Ion Ratio Lower Upper  
128 100  
127 13.5 10.5 15.7  
129 11.3 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 19.224 ug/l  
RT: 15.60 min Scan# 2325  
Delta R.T. -0.01 min  
Lab File: VD064162.D  
Acq: 08 Nov 2019 18:46

Tgt Ion:180 Resp: 172829  
Ion Ratio Lower Upper  
180 100  
182 95.8 48.3 144.9  
145 30.5 15.3 45.8

