

Data File : VD064219.D  
Acq On : 15 Nov 2019 11:17  
Operator : VA/SY  
Sample : VD1115SBS01  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1115SBS01

Quant Time: Nov 16 04:48:44 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D110819S.M  
Quant Title : SW846 8260  
QLast Update : Tue Nov 12 02:43:24 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.98  | 168  | 643691   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.87  | 114  | 903757   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.65 | 117  | 778223   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 371056   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 8.33   | 65  | 262519   | 49.59 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 99.18%  |      |
| 35) Dibromofluoromethane    | 7.91   | 113 | 268240   | 51.71 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 103.42% |      |
| 50) Toluene-d8              | 10.34  | 98  | 1006846  | 51.45 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 102.90% |      |
| 62) 4-Bromofluorobenzene    | 12.64  | 95  | 331369   | 48.89 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 97.78%  |      |

| Target Compounds              |      |     |         |         |        | Qvalue |
|-------------------------------|------|-----|---------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.99 | 85  | 113130  | 21.191  | ug/l   | 98     |
| 3) Chloromethane              | 2.21 | 50  | 126483  | 22.088  | ug/l   | 98     |
| 4) Vinyl Chloride             | 2.35 | 62  | 150239  | 24.535  | ug/l   | 98     |
| 5) Bromomethane               | 2.76 | 94  | 99210   | 25.657  | ug/l   | 97     |
| 6) Chloroethane               | 2.91 | 64  | 93092   | 23.791  | ug/l   | 98     |
| 7) Trichlorofluoromethane     | 3.27 | 101 | 250917  | 25.273  | ug/l   | 100    |
| 8) Diethyl Ether              | 3.70 | 74  | 56237   | 20.601  | ug/l   | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.08 | 101 | 122737  | 21.630  | ug/l   | 99     |
| 10) Methyl Iodide             | 4.29 | 142 | 123596  | 20.337  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 5.26 | 59  | 36494   | 98.696  | ug/l # | 69     |
| 12) 1,1-Dichloroethene        | 4.06 | 96  | 117079  | 21.646  | ug/l   | 90     |
| 13) Acrolein                  | 3.92 | 56  | 24542   | 78.457  | ug/l   | 96     |
| 14) Allyl chloride            | 4.71 | 41  | 188601  | 19.721  | ug/l   | 94     |
| 15) Acrylonitrile             | 5.43 | 53  | 119616  | 102.784 | ug/l   | 99     |
| 16) Acetone                   | 4.17 | 43  | 102418  | 81.663  | ug/l   | 97     |
| 17) Carbon Disulfide          | 4.39 | 76  | 351289  | 20.855  | ug/l   | 97     |
| 18) Methyl Acetate            | 4.72 | 43  | 67991   | 19.410  | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 5.48 | 73  | 258091  | 19.988  | ug/l   | 97     |
| 20) Methylene Chloride        | 4.96 | 84  | 135344  | 21.364  | ug/l   | 96     |
| 21) trans-1,2-Dichloroethene  | 5.47 | 96  | 128583  | 20.983  | ug/l   | 94     |
| 22) Diisopropyl ether         | 6.36 | 45  | 357903  | 20.171  | ug/l   | 96     |
| 23) Vinyl Acetate             | 6.31 | 43  | 1018710 | 102.995 | ug/l   | 97     |
| 24) 1,1-Dichloroethane        | 6.26 | 63  | 212812  | 20.656  | ug/l   | 99     |
| 25) 2-Butanone                | 7.22 | 43  | 155705  | 96.097  | ug/l   | 98     |
| 26) 2,2-Dichloropropane       | 7.20 | 77  | 210308  | 20.815  | ug/l   | 100    |
| 27) cis-1,2-Dichloroethene    | 7.21 | 96  | 137469  | 20.919  | ug/l   | 97     |
| 28) Bromochloromethane        | 7.54 | 49  | 58305   | 16.255  | ug/l   | 99     |
| 29) Tetrahydrofuran           | 7.57 | 42  | 100114  | 102.839 | ug/l   | 98     |
| 30) Chloroform                | 7.71 | 83  | 229893  | 21.815  | ug/l   | 97     |
| 31) Cyclohexane               | 7.98 | 56  | 213983  | 20.594  | ug/l   | 95     |
| 32) 1,1,1-Trichloroethane     | 7.90 | 97  | 212276  | 21.036  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 8.11 | 75  | 177213  | 21.246  | ug/l   | 100    |
| 37) Ethyl Acetate             | 7.30 | 43  | 71662   | 20.380  | ug/l   | 97     |
| 38) Carbon Tetrachloride      | 8.10 | 117 | 191077  | 21.409  | ug/l   | 95     |

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ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1115SBS01

Quant Time: Nov 16 04:48:44 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D110819S.M  
Quant Title : SW846 8260  
QLast Update : Tue Nov 12 02:43:24 2019  
Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 39) Methylcyclohexane          | 9.36  | 83   | 224405   | 21.262  | ug/l  | 95       |
| 40) Benzene                    | 8.35  | 78   | 475238   | 20.848  | ug/l  | 96       |
| 41) Methacrylonitrile          | 7.54  | 41   | 43953    | 19.887  | ug/l  | 88       |
| 42) 1,2-Dichloroethane         | 8.43  | 62   | 141750   | 20.704  | ug/l  | 99       |
| 43) Isopropyl Acetate          | 8.46  | 43   | 143928   | 19.866  | ug/l  | 99       |
| 44) Trichloroethene            | 9.11  | 130  | 144776   | 21.161  | ug/l  | 100      |
| 45) 1,2-Dichloropropane        | 9.39  | 63   | 113772   | 20.505  | ug/l  | 97       |
| 46) Dibromomethane             | 9.48  | 93   | 61179    | 20.596  | ug/l  | 98       |
| 47) Bromodichloromethane       | 9.67  | 83   | 167354   | 20.916  | ug/l  | 98       |
| 48) Methyl methacrylate        | 9.46  | 41   | 66760    | 18.844  | ug/l  | 94       |
| 49) 1,4-Dioxane                | 9.47  | 88   | 15427    | 432.439 | ug/l  | 94       |
| 51) 4-Methyl-2-Pentanone       | 10.23 | 43   | 347720   | 100.083 | ug/l  | 99       |
| 52) Toluene                    | 10.40 | 92   | 309555   | 20.651  | ug/l  | 99       |
| 53) t-1,3-Dichloropropene      | 10.63 | 75   | 160043   | 19.966  | ug/l  | 99       |
| 54) cis-1,3-Dichloropropene    | 10.09 | 75   | 191949   | 20.521  | ug/l  | 97       |
| 55) 1,1,2-Trichloroethane      | 10.80 | 97   | 85070    | 21.111  | ug/l  | 98       |
| 56) Ethyl methacrylate         | 10.67 | 69   | 113588   | 20.151  | ug/l  | # 94     |
| 57) 1,3-Dichloropropane        | 10.95 | 76   | 145918   | 20.764  | ug/l  | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.94  | 63   | 228470   | 100.060 | ug/l  | 99       |
| 59) 2-Hexanone                 | 10.98 | 43   | 240939   | 97.476  | ug/l  | 98       |
| 60) Dibromochloromethane       | 11.14 | 129  | 114959   | 20.445  | ug/l  | 97       |
| 61) 1,2-Dibromoethane          | 11.25 | 107  | 85723    | 21.240  | ug/l  | 97       |
| 64) Tetrachloroethene          | 10.88 | 164  | 130418   | 21.790  | ug/l  | 97       |
| 65) Chlorobenzene              | 11.67 | 112  | 326127   | 20.608  | ug/l  | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.74 | 131  | 123417   | 20.510  | ug/l  | 99       |
| 67) Ethyl Benzene              | 11.75 | 91   | 602900   | 21.062  | ug/l  | 99       |
| 68) m/p-Xylenes                | 11.86 | 106  | 457939   | 41.737  | ug/l  | 99       |
| 69) o-Xylene                   | 12.18 | 106  | 212164   | 20.850  | ug/l  | 100      |
| 70) Styrene                    | 12.20 | 104  | 365922   | 20.601  | ug/l  | 99       |
| 71) Bromoform                  | 12.37 | 173  | 71897    | 20.995  | ug/l  | # 99     |
| 73) Isopropylbenzene           | 12.48 | 105  | 592948   | 21.771  | ug/l  | 99       |
| 74) N-amyl acetate             | 12.29 | 43   | 130974   | 20.364  | ug/l  | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 12.74 | 83   | 91098    | 22.198  | ug/l  | 96       |
| 76) 1,2,3-Trichloropropane     | 12.79 | 75   | 121412   | 40.623  | ug/l  | # 100    |
| 77) Bromobenzene               | 12.77 | 156  | 139107   | 21.024  | ug/l  | 98       |
| 78) n-propylbenzene            | 12.83 | 91   | 675689   | 21.715  | ug/l  | 100      |
| 79) 2-Chlorotoluene            | 12.91 | 91   | 367679   | 20.929  | ug/l  | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.97 | 105  | 475014   | 21.226  | ug/l  | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.53 | 75   | 28716    | 19.085  | ug/l  | 92       |
| 82) 4-Chlorotoluene            | 13.01 | 91   | 387844   | 21.166  | ug/l  | 99       |
| 83) tert-Butylbenzene          | 13.23 | 119  | 428039   | 21.691  | ug/l  | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.27 | 105  | 463445   | 20.976  | ug/l  | 99       |
| 85) sec-Butylbenzene           | 13.41 | 105  | 566960   | 21.391  | ug/l  | 100      |
| 86) p-Isopropyltoluene         | 13.52 | 119  | 536452   | 21.290  | ug/l  | 99       |
| 87) 1,3-Dichlorobenzene        | 13.52 | 146  | 260609   | 21.218  | ug/l  | 98       |
| 88) 1,4-Dichlorobenzene        | 13.60 | 146  | 256339   | 21.384  | ug/l  | 99       |
| 89) n-Butylbenzene             | 13.85 | 91   | 490999   | 21.569  | ug/l  | 99       |
| 90) Hexachloroethane           | 14.12 | 117  | 99350    | 21.335  | ug/l  | 98       |
| 91) 1,2-Dichlorobenzene        | 13.90 | 146  | 223270   | 21.477  | ug/l  | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.52 | 75   | 14714    | 20.053  | ug/l  | 98       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_D\DATA\VD111519\  
Quantitation Report (Not Reviewed)

Data File : VD064219.D  
Acq On : 15 Nov 2019 11:17  
Operator : VA/SY  
Sample : VD1115SBS01  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 4 Sample Multiplier: 1

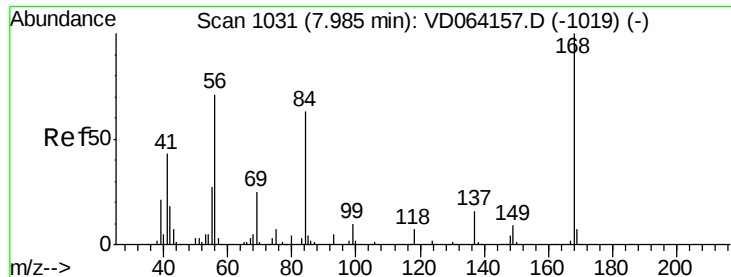
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1115SBS01

Quant Time: Nov 16 04:48:44 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D110819S.M  
Quant Title : SW846 8260  
QLast Update : Tue Nov 12 02:43:24 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.17 | 180  | 167286   | 20.860 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.27 | 225  | 109200   | 21.082 | ug/l  | 98       |
| 95) Naphthalene            | 15.41 | 128  | 282536   | 21.492 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.61 | 180  | 144578   | 21.209 | ug/l  | 98       |

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

[illegible]



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064219.D

Acq: 15 Nov 2019 11:17

Instrument :

MSVOA\_D

ClientSampleId :

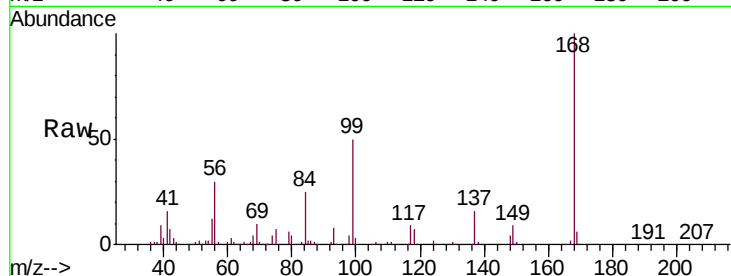
VD1115SBS01

Tgt Ion:168 Resp: 643691

Ion Ratio Lower Upper

168 100

99 50.0 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

300000

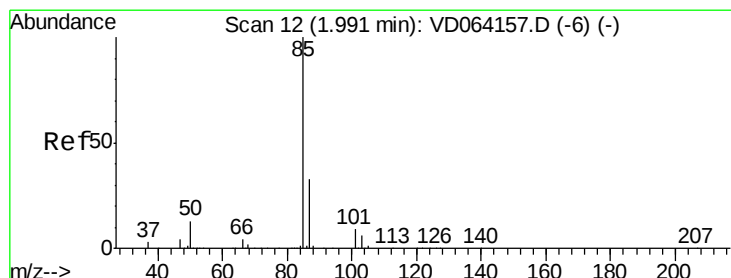
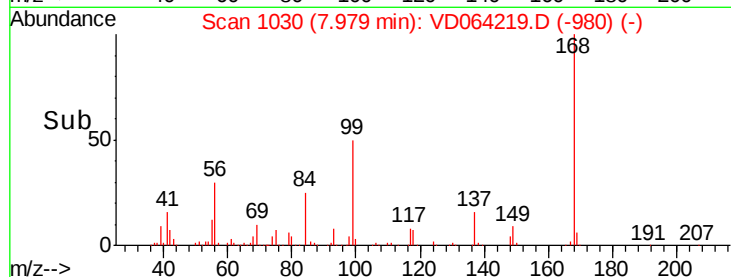
200000

100000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 21.191 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD064219.D

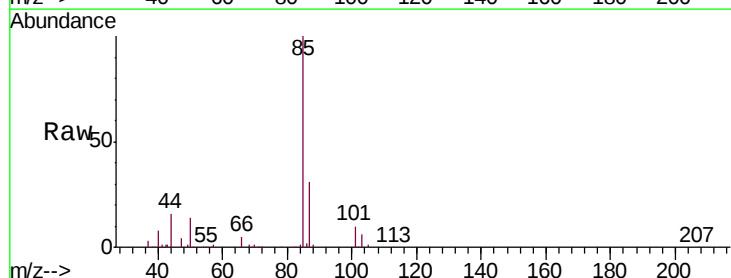
Acq: 15 Nov 2019 11:17

Tgt Ion: 85 Resp: 113130

Ion Ratio Lower Upper

85 100

87 31.4 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

80000

60000

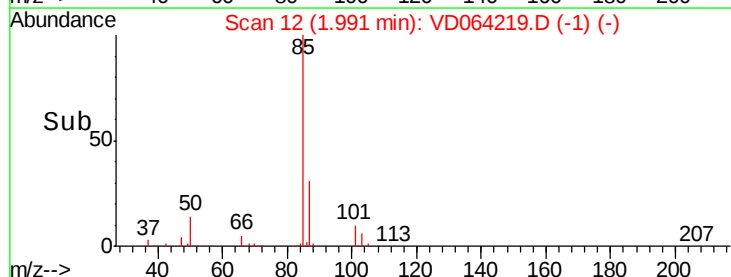
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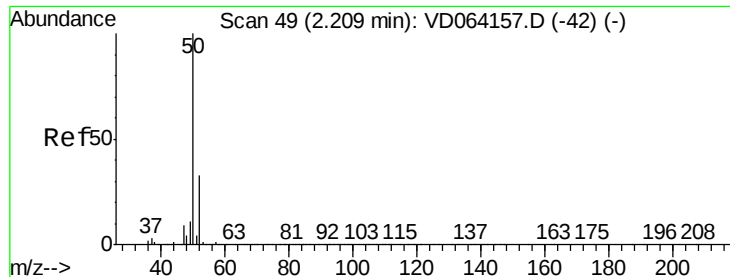
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0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 22.088 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD064219.D

Acq: 15 Nov 2019 11:17

Instrument :

MSVOA\_D

ClientSampleId :

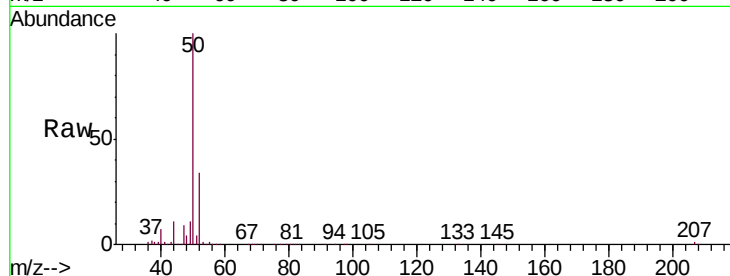
VD1115SBS01

Tgt Ion: 50 Resp: 126483

Ion Ratio Lower Upper

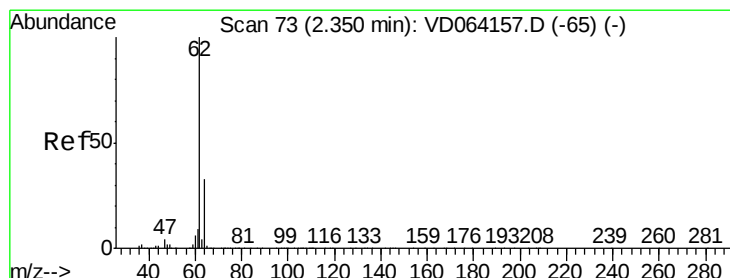
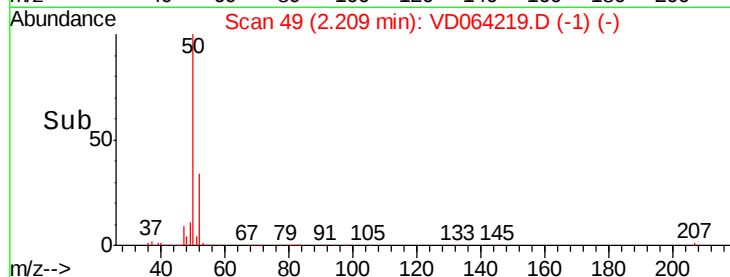
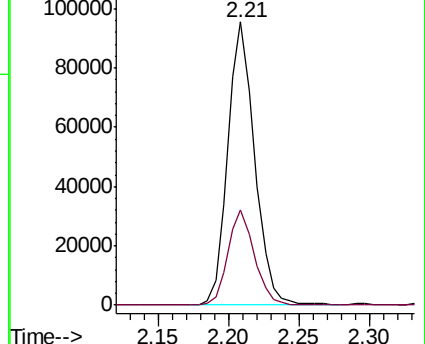
50 100

52 33.7 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 24.535 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD064219.D

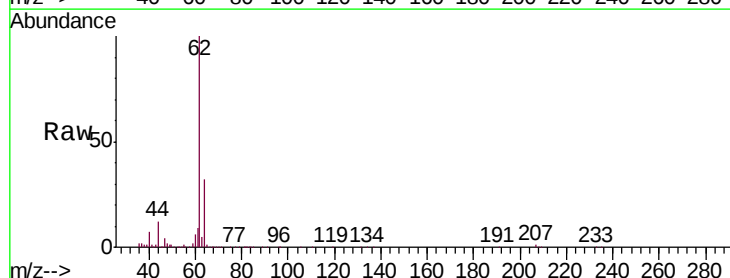
Acq: 15 Nov 2019 11:17

Tgt Ion: 62 Resp: 150239

Ion Ratio Lower Upper

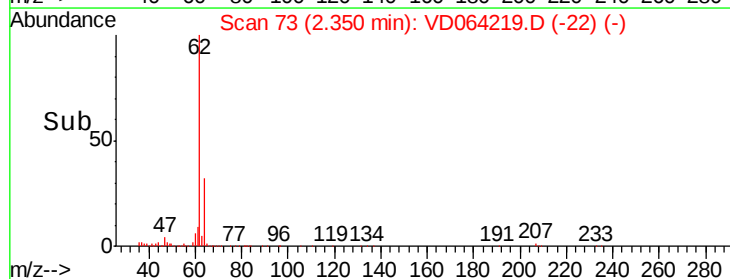
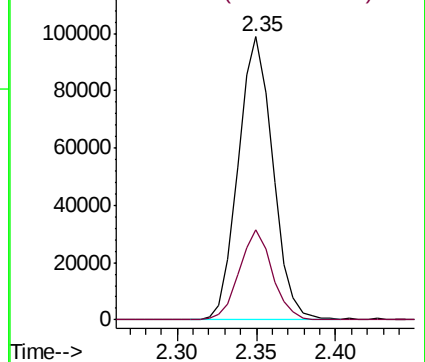
62 100

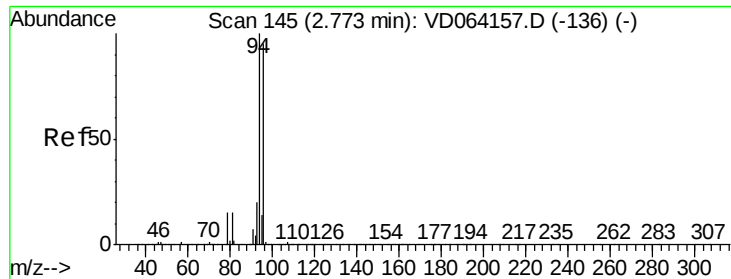
64 31.8 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 25.657 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD064219.D

Acq: 15 Nov 2019 11:17

Instrument :

MSVOA\_D

ClientSampleId :

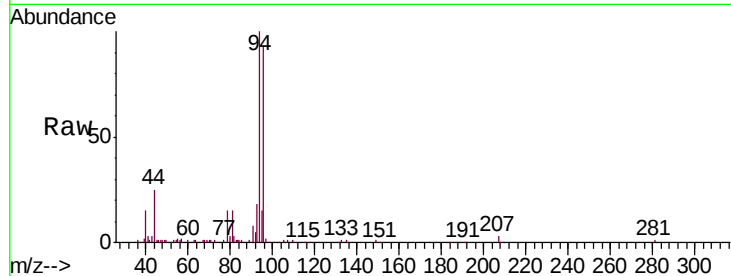
VD1115SBS01

Tgt Ion: 94 Resp: 99210

Ion Ratio Lower Upper

94 100

96 92.7 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

40000

30000

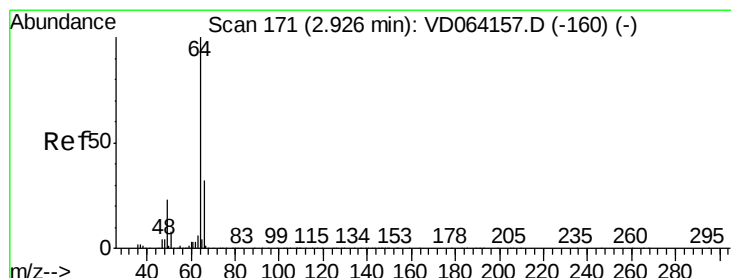
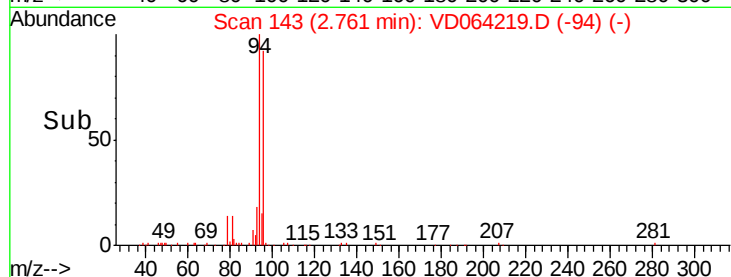
20000

10000

0

Time-->

2.70 2.80 2.90



#6

Chloroethane

Concen: 23.791 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD064219.D

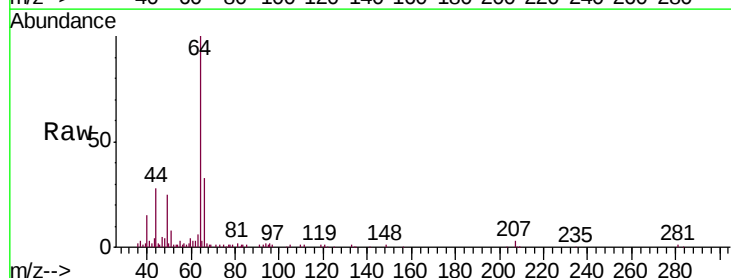
Acq: 15 Nov 2019 11:17

Tgt Ion: 64 Resp: 93092

Ion Ratio Lower Upper

64 100

66 33.1 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.91

40000

30000

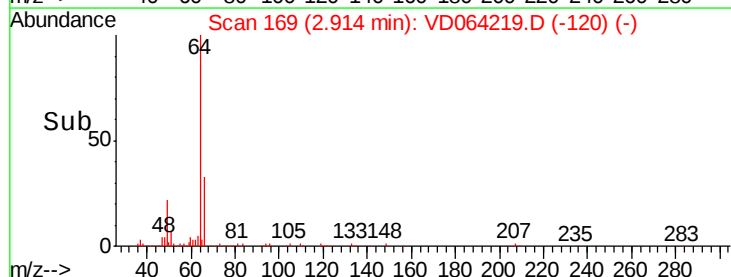
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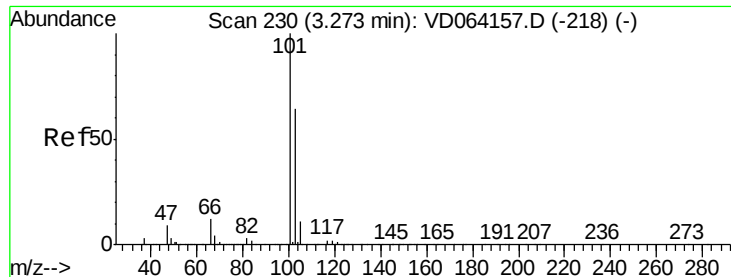
10000

0

Time-->

2.80 2.85 2.90 2.95 3.00



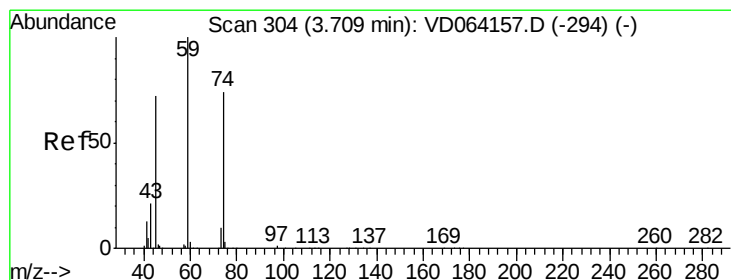
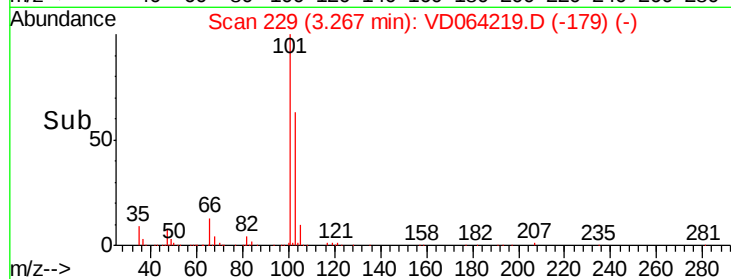
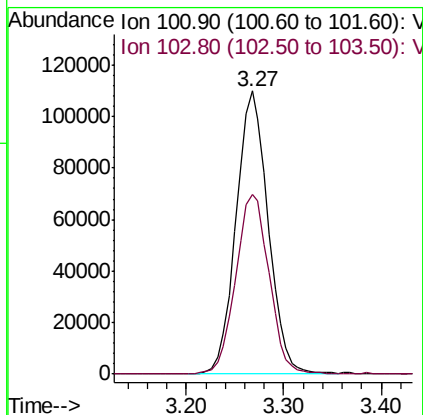
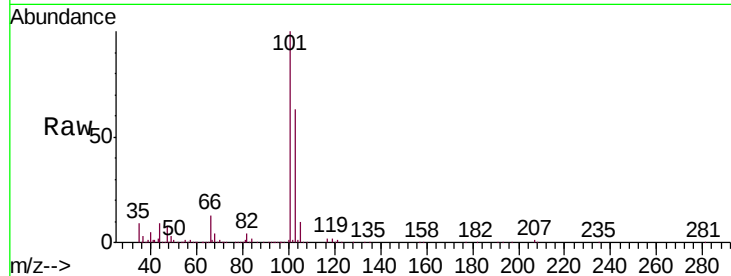


#7

Trichlorofluoromethane  
Concen: 25.273 ug/l  
RT: 3.27 min Scan# 229  
Delta R.T. -0.01 min  
Lab File: VD064219.D  
Acq: 15 Nov 2019 11:17

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1115SBS01

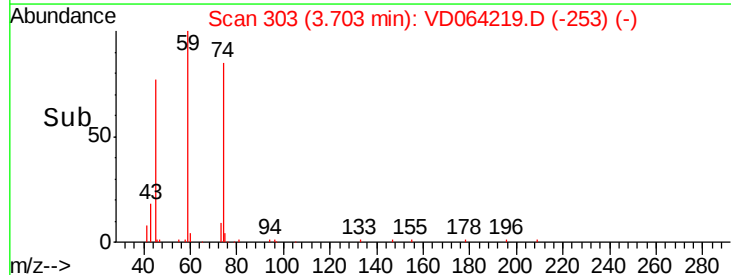
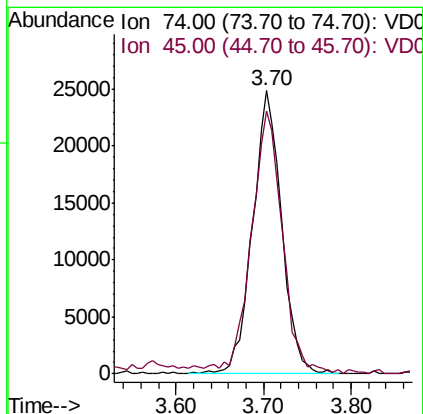
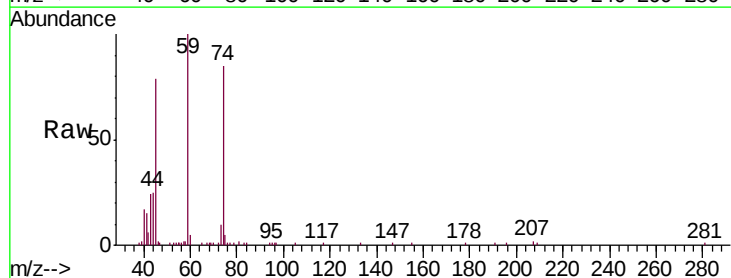
Tgt Ion:101 Resp: 250917  
Ion Ratio Lower Upper  
101 100  
103 63.5 50.8 76.2

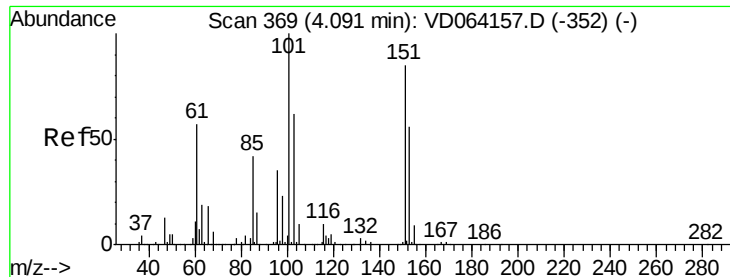


#8

Diethyl Ether  
Concen: 20.601 ug/l  
RT: 3.70 min Scan# 303  
Delta R.T. -0.01 min  
Lab File: VD064219.D  
Acq: 15 Nov 2019 11:17

Tgt Ion: 74 Resp: 56237  
Ion Ratio Lower Upper  
74 100  
45 96.5 47.9 143.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.630 ug/l

RT: 4.08 min Scan# 367

Delta R.T. -0.01 min

Lab File: VD064219.D

Acq: 15 Nov 2019 11:17

Instrument :

MSVOA\_D

ClientSampleId :

VD1115SBS01

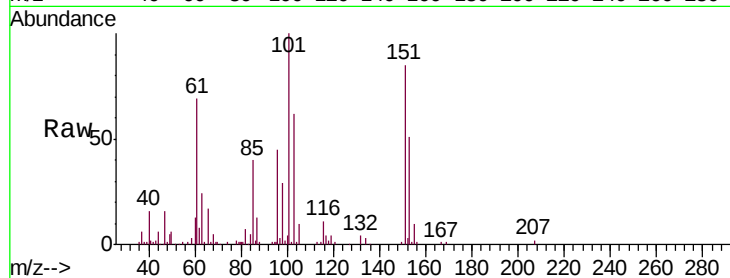
Tgt Ion:101 Resp: 122737

Ion Ratio Lower Upper

101 100

85 44.8 34.4 51.6

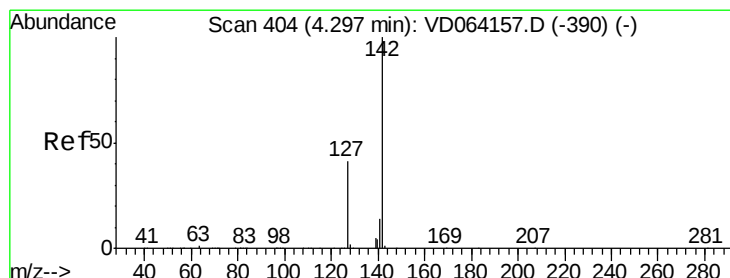
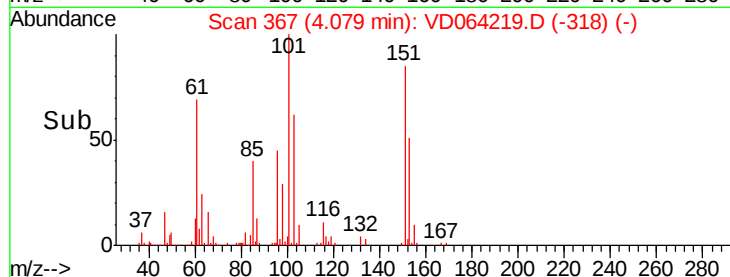
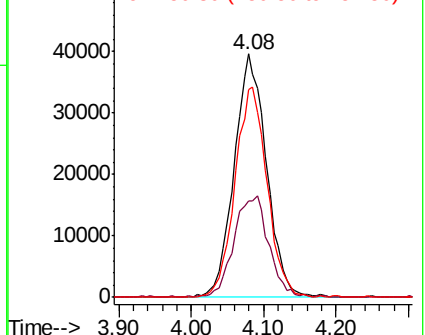
151 85.9 68.1 102.1



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: 20.337 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD064219.D

Acq: 15 Nov 2019 11:17

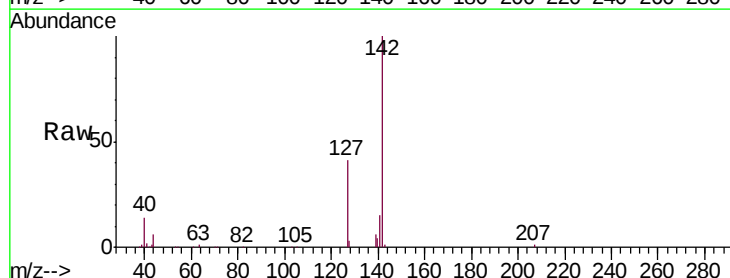
Tgt Ion:142 Resp: 123596

Ion Ratio Lower Upper

142 100

127 42.4 34.4 51.6

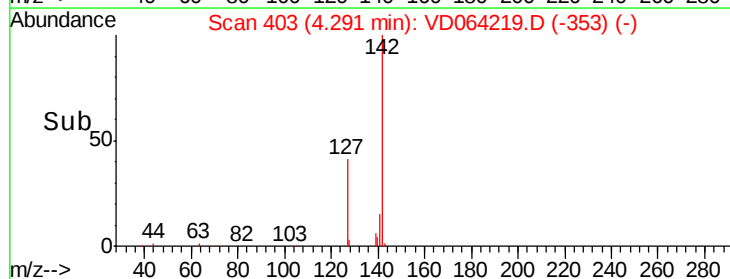
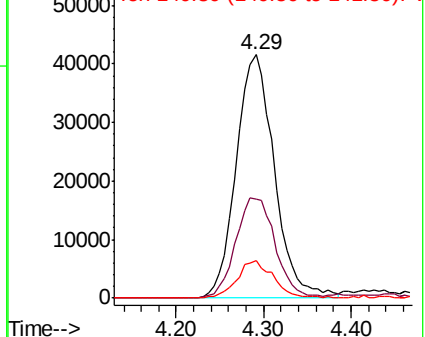
141 14.7 11.2 16.8

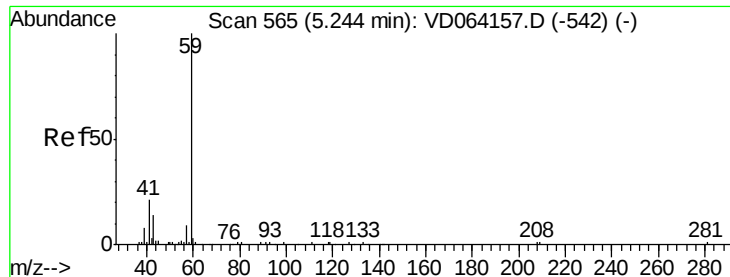


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

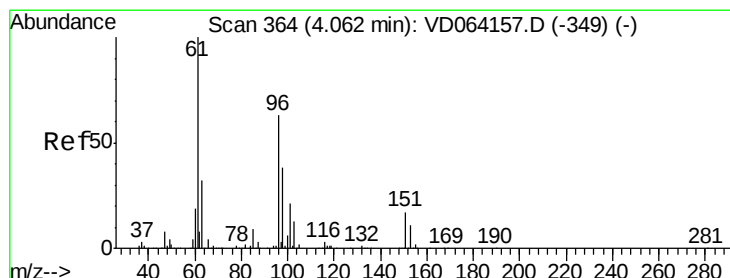
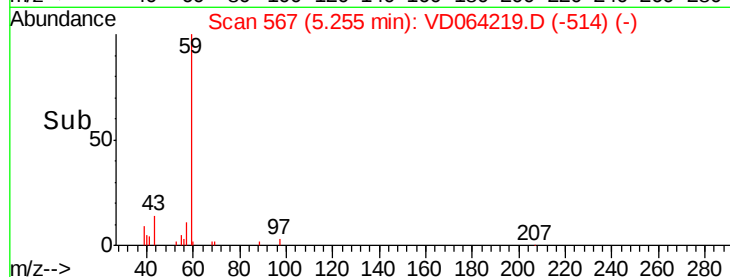
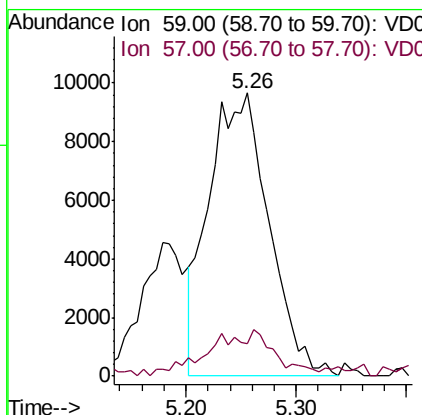
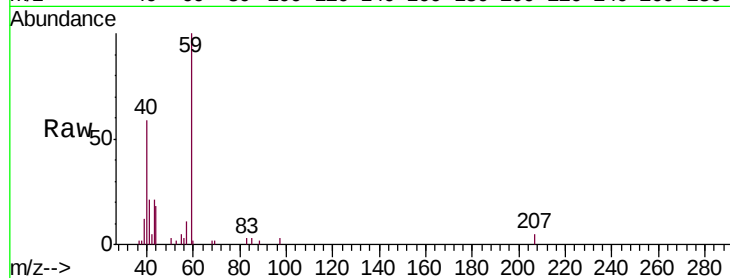




#11  
Tert butyl alcohol  
Concen: 98.696 ug/l  
RT: 5.26 min Scan# 567  
Delta R.T. 0.01 min  
Lab File: VD064219.D  
Acq: 15 Nov 2019 11:17

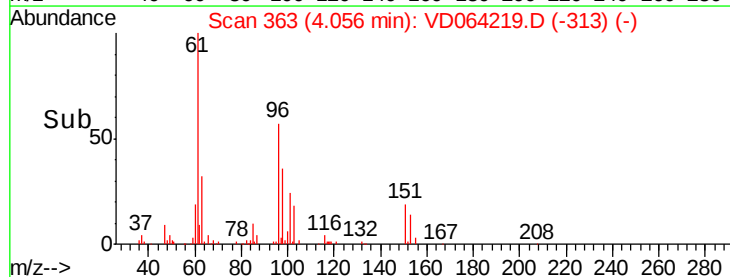
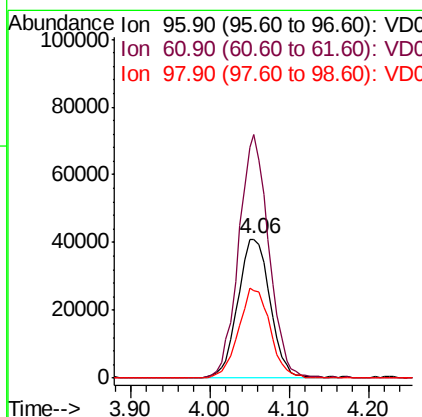
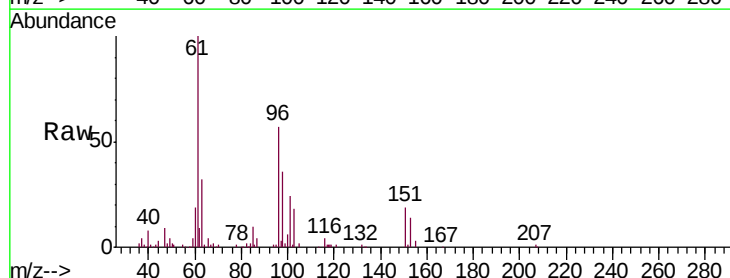
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1115SBS01

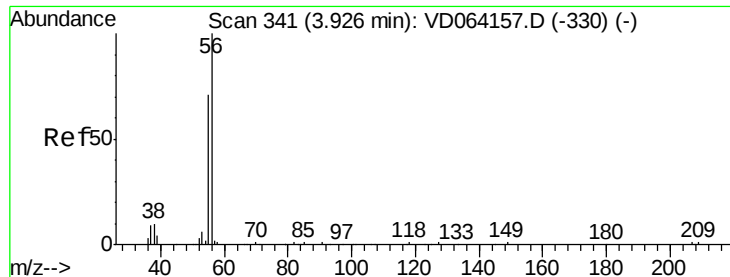
Tgt Ion: 59 Resp: 36494  
Ion Ratio Lower Upper  
59 100  
57 0.0 9.4 14.2#



#12  
1,1-Dichloroethene  
Concen: 21.646 ug/l  
RT: 4.06 min Scan# 363  
Delta R.T. -0.01 min  
Lab File: VD064219.D  
Acq: 15 Nov 2019 11:17

Tgt Ion: 96 Resp: 117079  
Ion Ratio Lower Upper  
96 100  
61 175.1 127.4 191.2  
98 63.2 48.1 72.1





#13

Acrolein

Concen: 78.457 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD064219.D

Acq: 15 Nov 2019 11:17

Instrument :

MSVOA\_D

ClientSampleId :

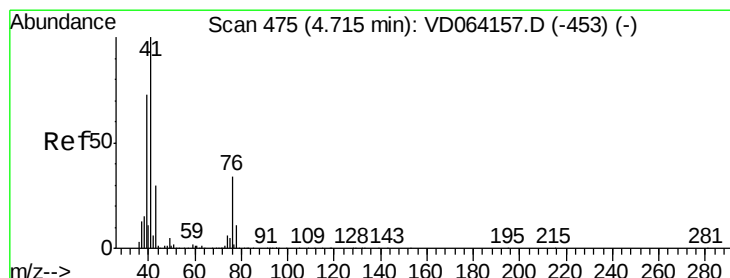
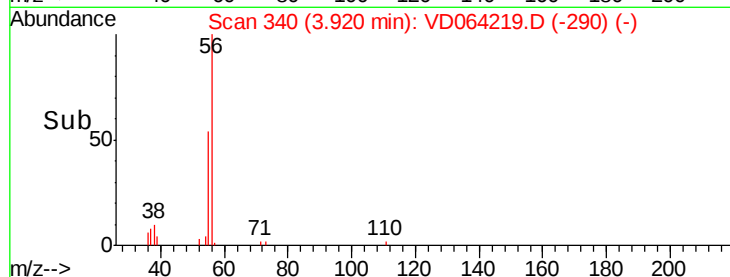
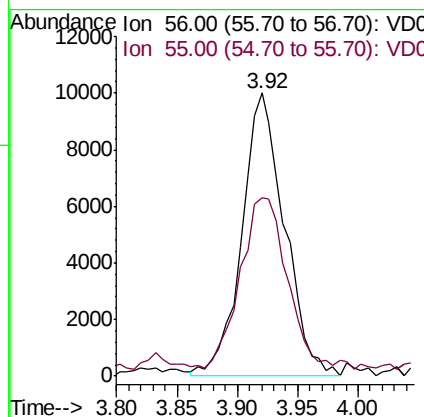
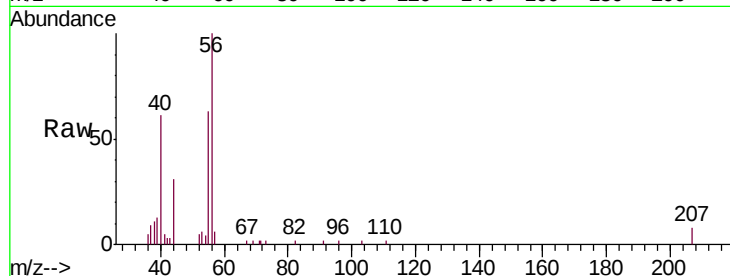
VD1115SBS01

Tgt Ion: 56 Resp: 24542

Ion Ratio Lower Upper

56 100

55 67.2 56.1 84.1



#14

Allyl chloride

Concen: 19.721 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD064219.D

Acq: 15 Nov 2019 11:17

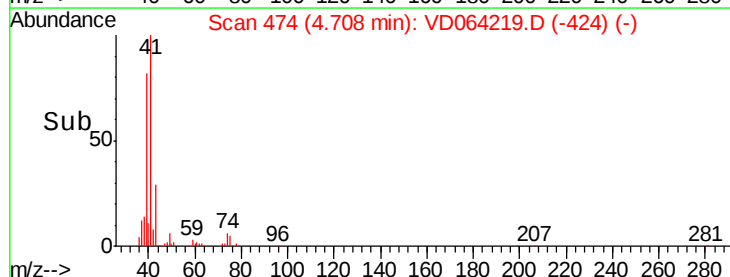
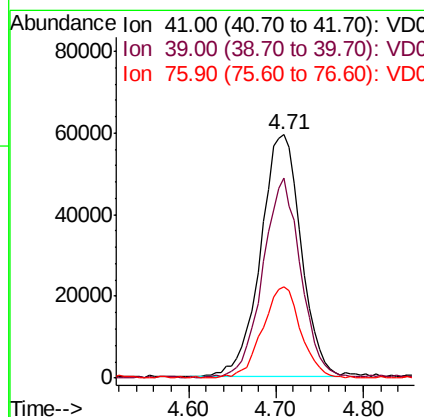
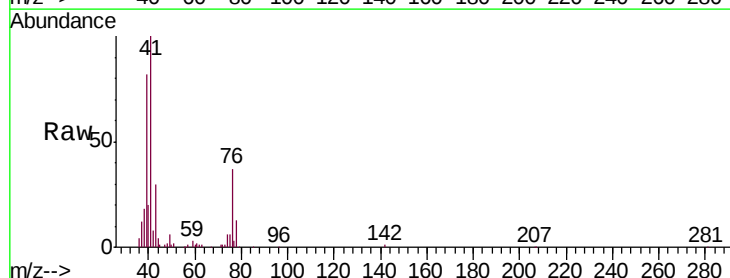
Tgt Ion: 41 Resp: 188601

Ion Ratio Lower Upper

41 100

39 77.2 57.5 86.3

76 36.0 26.8 40.2





#15

Acrylonitrile

Concen: 102.784 ug/l

RT: 5.43 min Scan# 597

Delta R.T. -0.00 min

Lab File: VD064219.D

Acq: 15 Nov 2019 11:17

Instrument :

MSVOA\_D

ClientSampleId :

VD1115SBS01

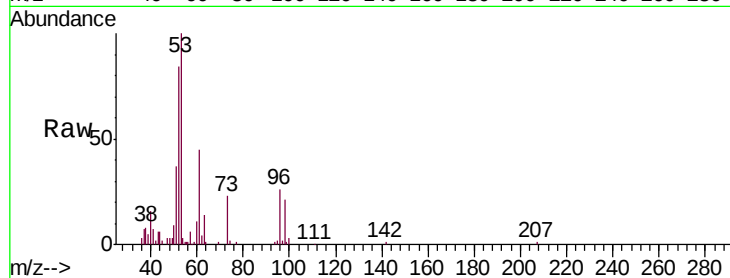
Tgt Ion: 53 Resp: 119616

Ion Ratio Lower Upper

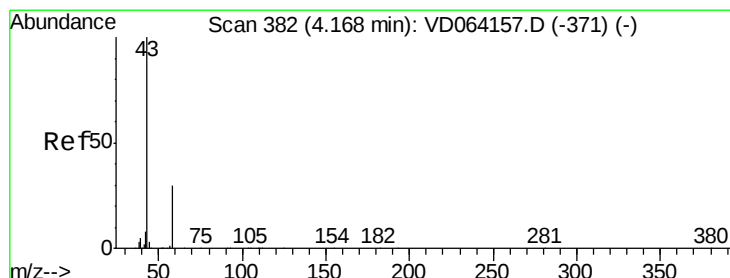
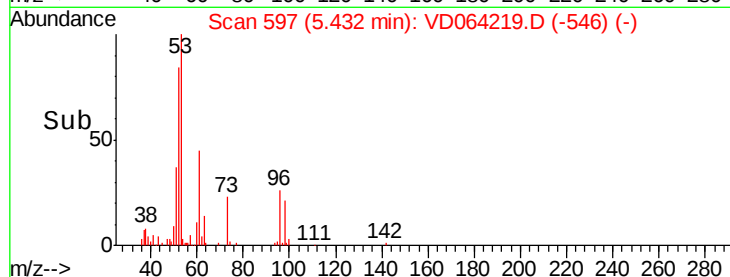
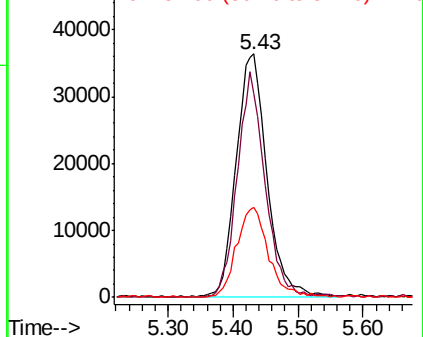
53 100

52 82.6 66.7 100.1

51 38.3 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: 81.663 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD064219.D

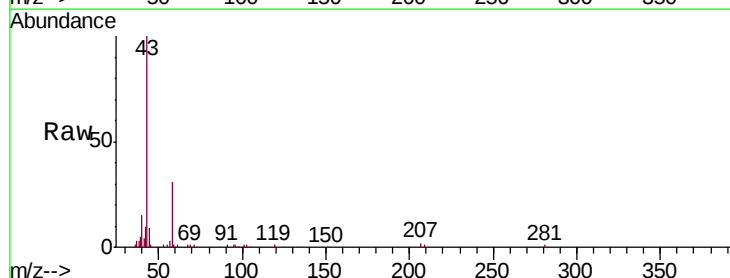
Acq: 15 Nov 2019 11:17

Tgt Ion: 43 Resp: 102418

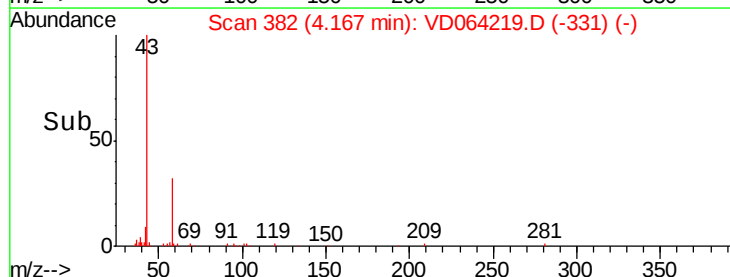
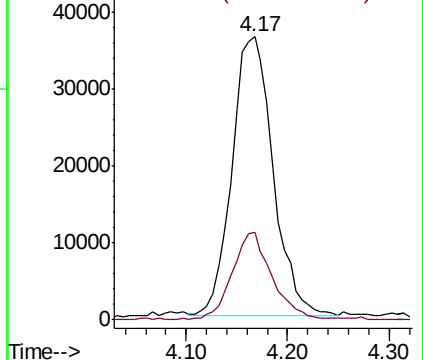
Ion Ratio Lower Upper

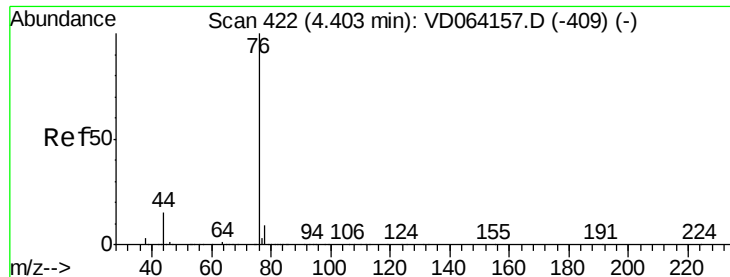
43 100

58 31.6 24.1 36.1



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

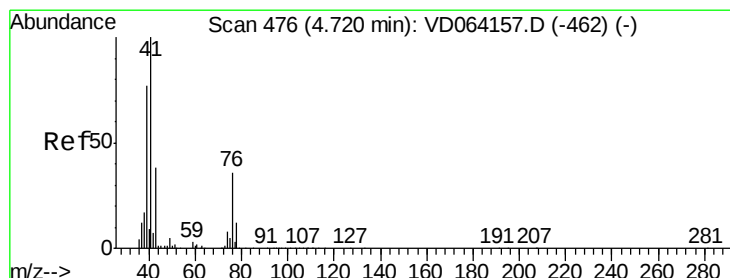
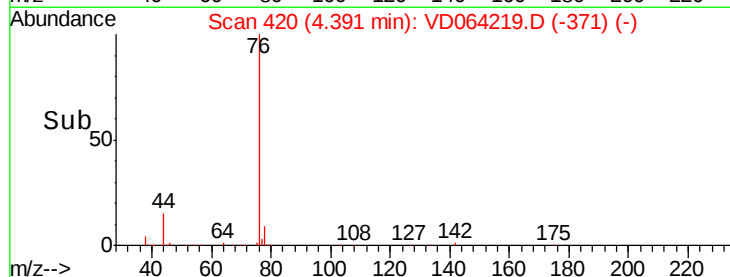
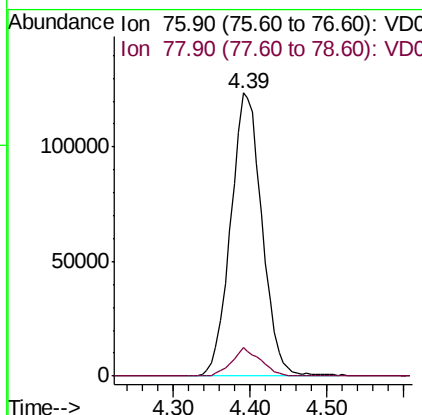
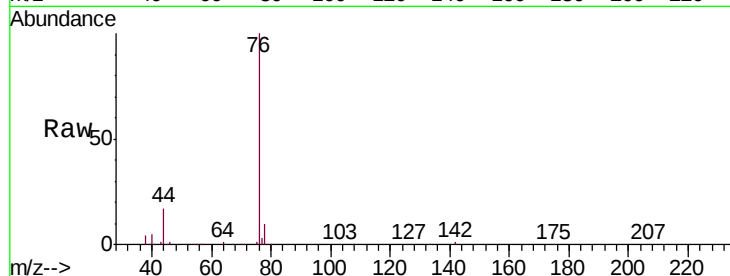




#17  
Carbon Disulfide  
Concen: 20.855 ug/l  
RT: 4.39 min Scan# 420  
Delta R.T. -0.01 min  
Lab File: VD064219.D  
Acq: 15 Nov 2019 11:17

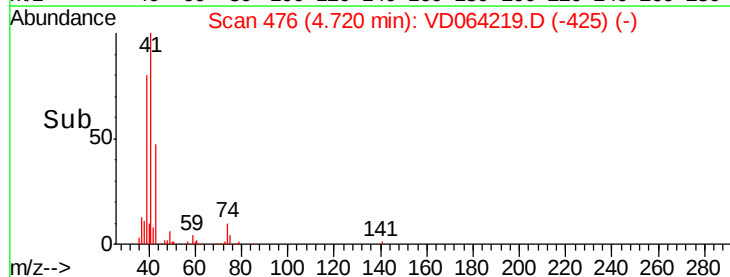
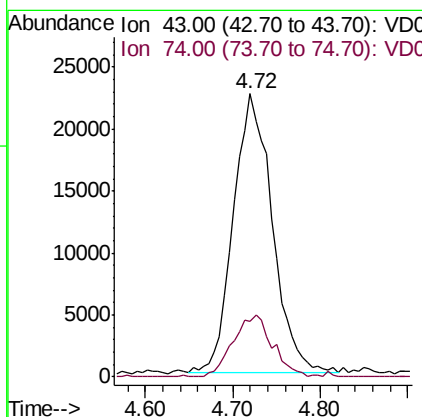
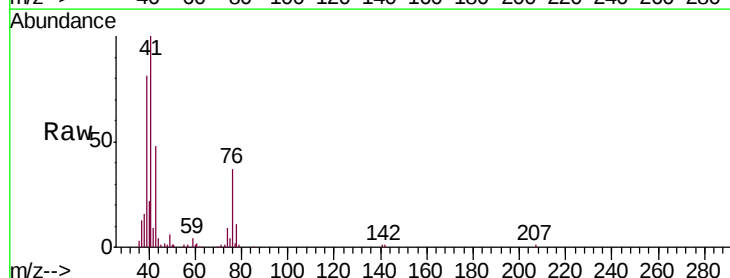
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1115SBS01

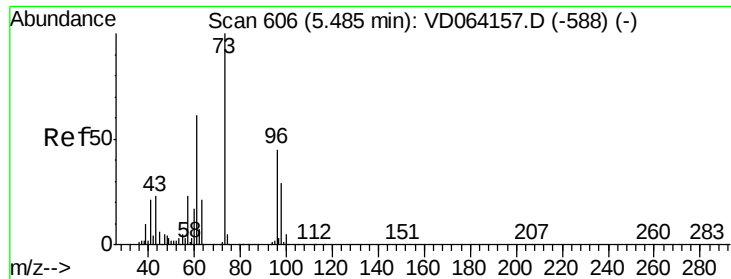
Tgt Ion: 76 Resp: 351289  
Ion Ratio Lower Upper  
76 100  
78 9.9 7.2 10.8



#18  
Methyl Acetate  
Concen: 19.410 ug/l  
RT: 4.72 min Scan# 476  
Delta R.T. -0.00 min  
Lab File: VD064219.D  
Acq: 15 Nov 2019 11:17

Tgt Ion: 43 Resp: 67991  
Ion Ratio Lower Upper  
43 100  
74 22.6 18.4 27.6



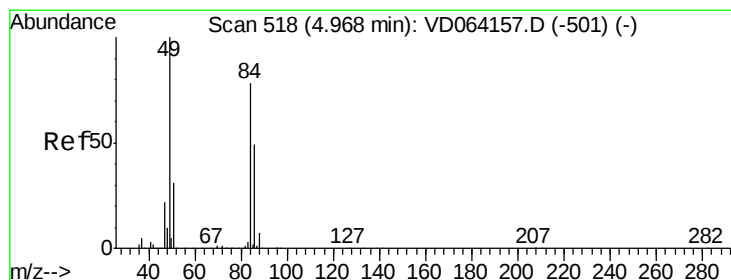
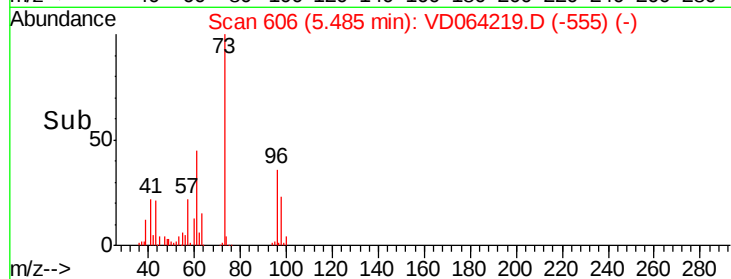
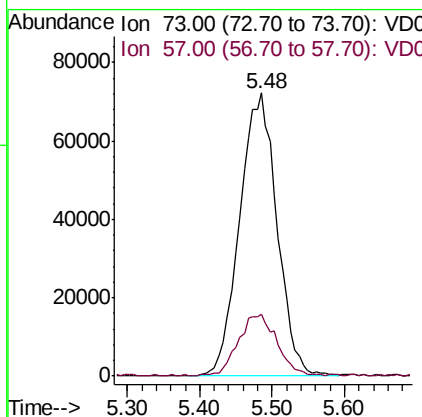
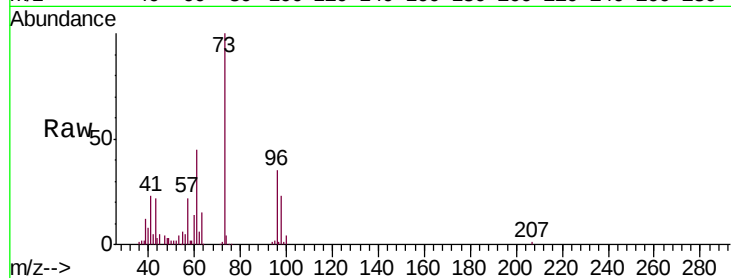


#19

Methyl tert-butyl Ether  
 Concen: 19.988 ug/l  
 RT: 5.48 min Scan# 606  
 Delta R.T. -0.00 min  
 Lab File: VD064219.D  
 Acq: 15 Nov 2019 11:17

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1115SBS01

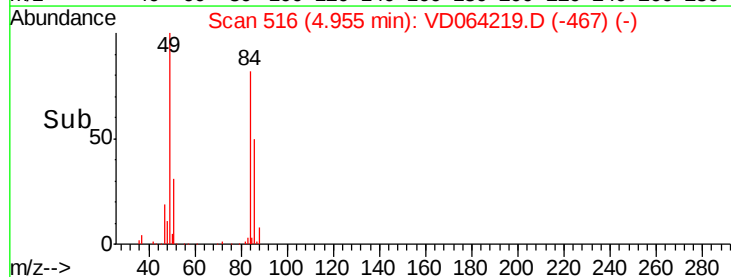
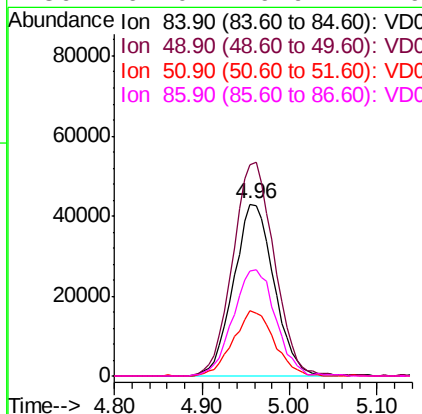
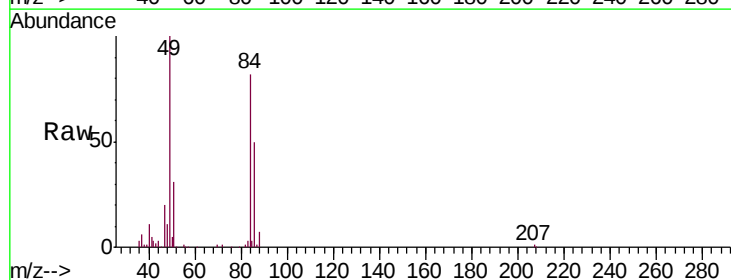
Tgt Ion: 73 Resp: 258091  
 Ion Ratio Lower Upper  
 73 100  
 57 21.5 18.4 27.6

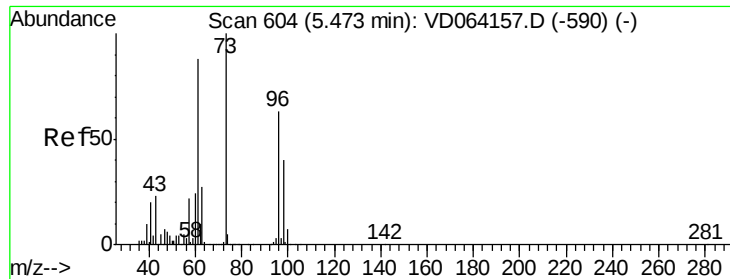


#20

Methylene Chloride  
 Concen: 21.364 ug/l  
 RT: 4.96 min Scan# 516  
 Delta R.T. -0.01 min  
 Lab File: VD064219.D  
 Acq: 15 Nov 2019 11:17

Tgt Ion: 84 Resp: 135344  
 Ion Ratio Lower Upper  
 84 100  
 49 122.7 102.1 153.1  
 51 37.7 32.2 48.2  
 86 61.0 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 20.983 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.00 min

Lab File: VD064219.D

Acq: 15 Nov 2019 11:17

Instrument :

MSVOA\_D

ClientSampleId :

VD1115SBS01

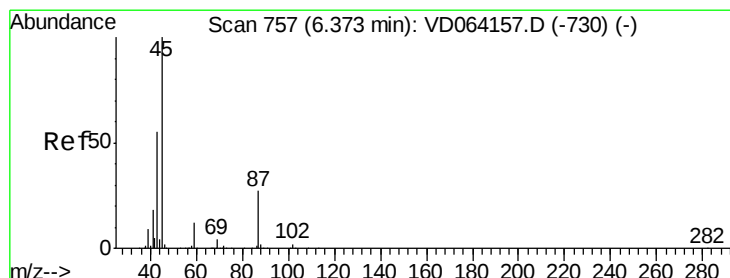
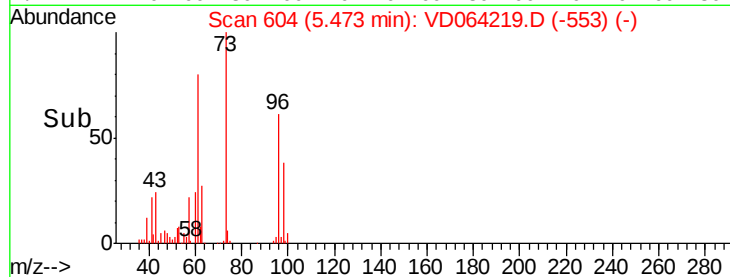
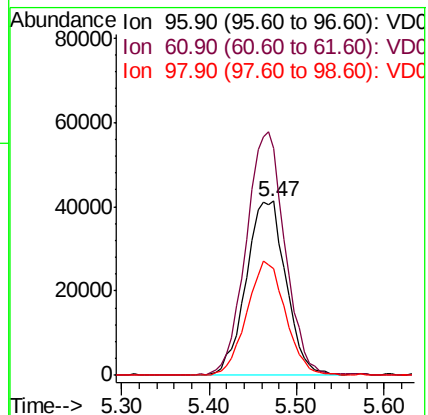
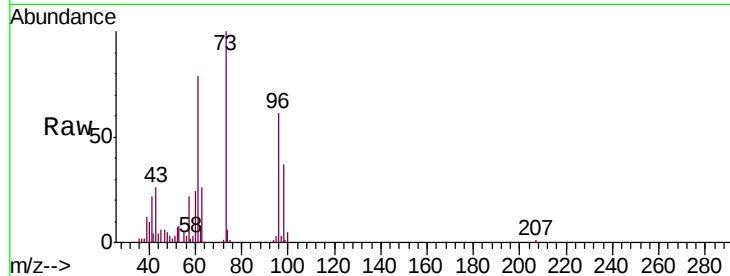
Tgt Ion: 96 Resp: 128583

Ion Ratio Lower Upper

96 100

61 130.5 111.8 167.6

98 61.5 50.3 75.5



#22

Diisopropyl ether

Concen: 20.171 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.01 min

Lab File: VD064219.D

Acq: 15 Nov 2019 11:17

Tgt Ion: 45 Resp: 357903

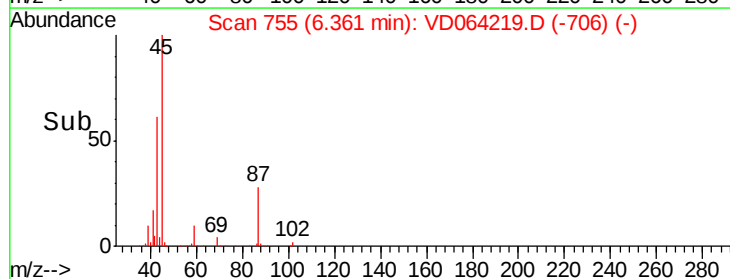
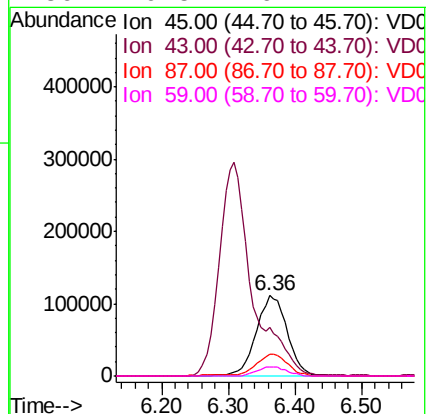
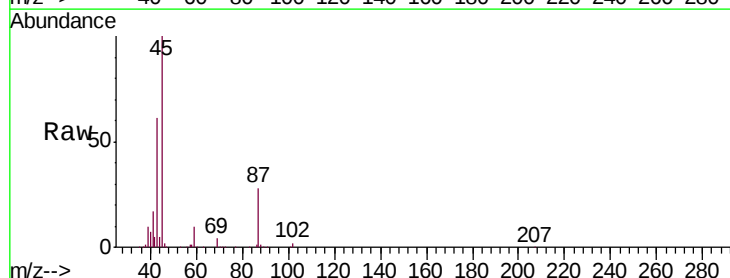
Ion Ratio Lower Upper

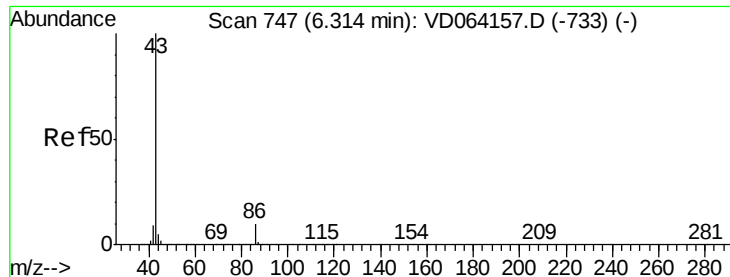
45 100

43 60.1 44.4 66.6

87 27.5 21.9 32.9

59 10.5 9.4 14.2





#23

Vinyl Acetate

Concen: 102.995 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.01 min

Lab File: VD064219.D

Acq: 15 Nov 2019 11:17

Instrument :

MSVOA\_D

ClientSampleId :

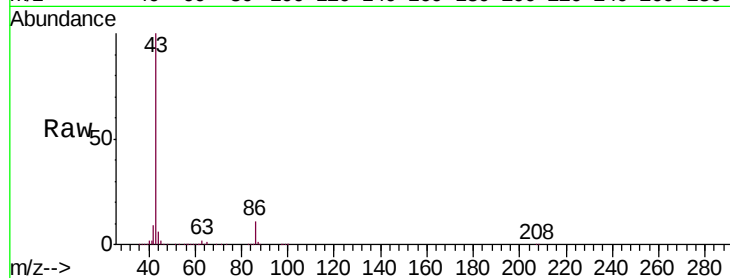
VD1115SBS01

Tgt Ion: 43 Resp: 1018710

Ion Ratio Lower Upper

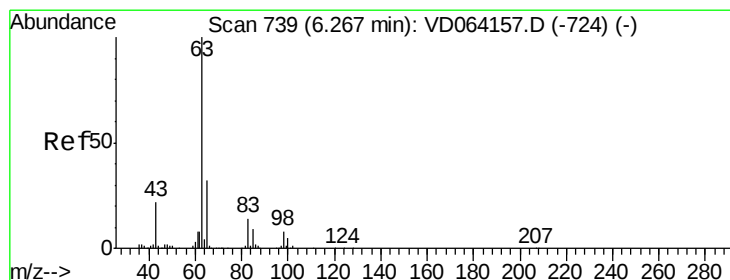
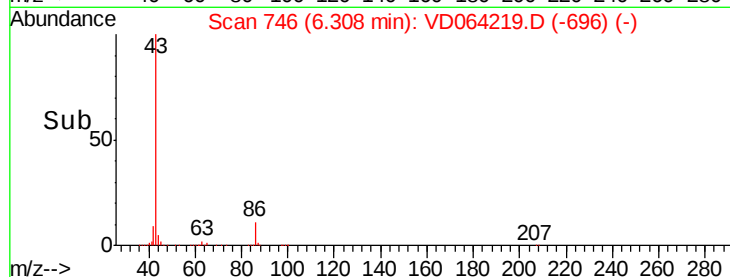
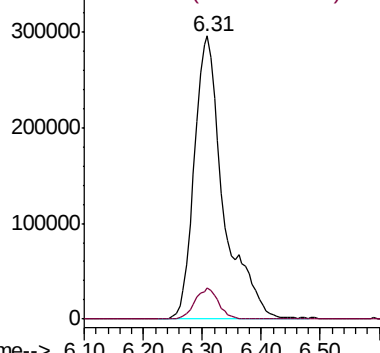
43 100

86 11.1 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 20.656 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD064219.D

Acq: 15 Nov 2019 11:17

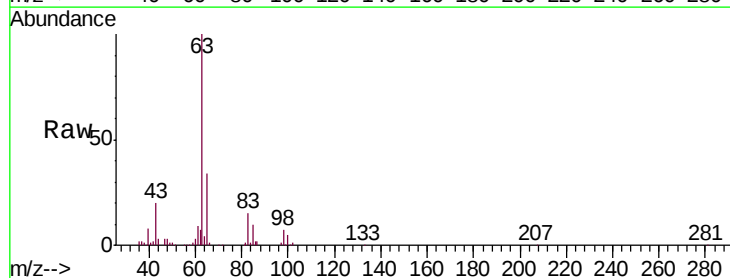
Tgt Ion: 63 Resp: 212812

Ion Ratio Lower Upper

63 100

98 7.1 3.8 11.4

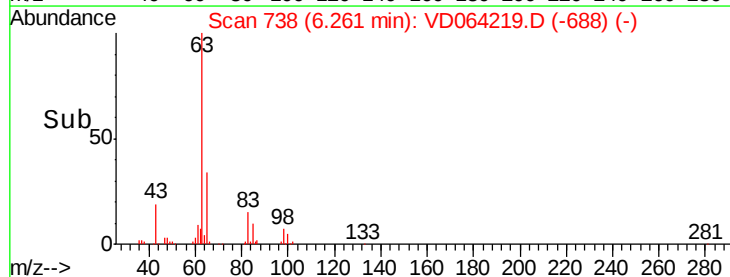
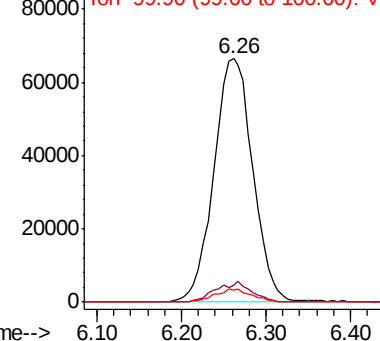
100 5.0 2.4 7.2



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





#25

2-Butanone

Concen: 96.097 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.01 min

Lab File: VD064219.D

Acq: 15 Nov 2019 11:17

Instrument :

MSVOA\_D

ClientSampleId :

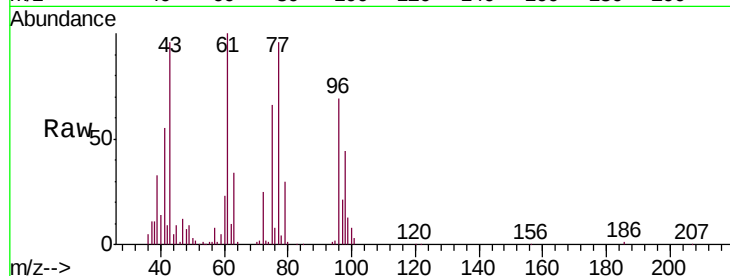
VD1115SBS01

Tgt Ion: 43 Resp: 155705

Ion Ratio Lower Upper

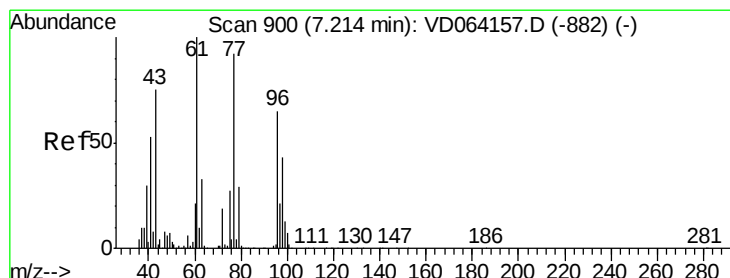
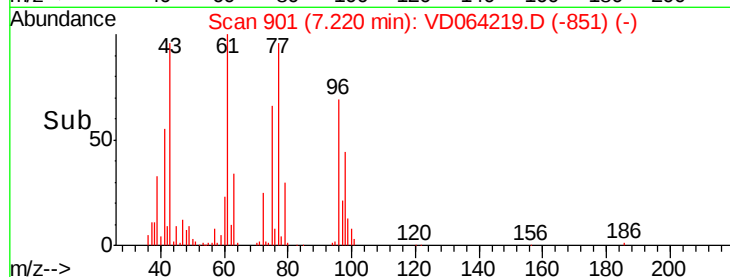
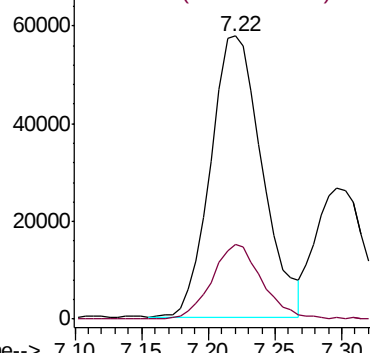
43 100

72 26.6 20.6 30.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 20.815 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD064219.D

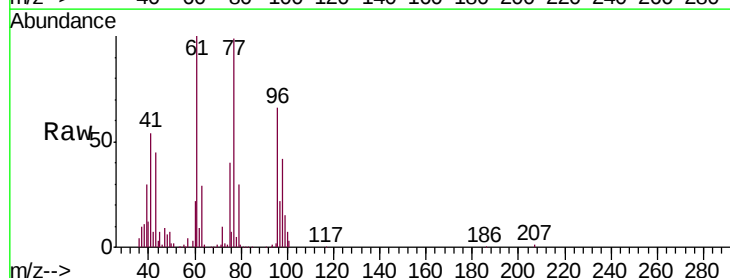
Acq: 15 Nov 2019 11:17

Tgt Ion: 77 Resp: 210308

Ion Ratio Lower Upper

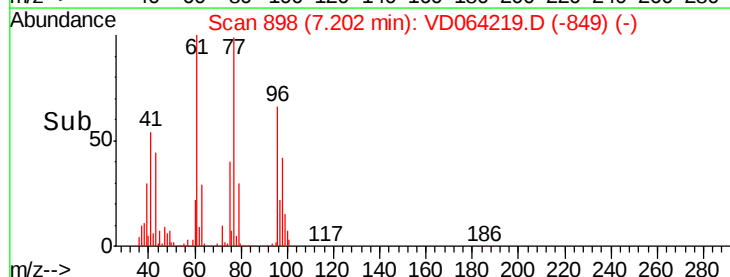
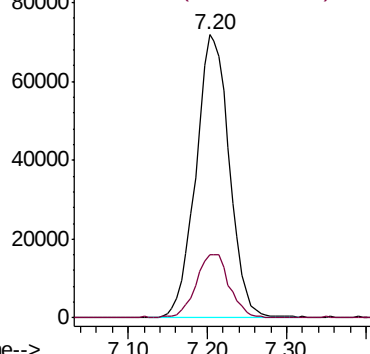
77 100

97 22.4 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



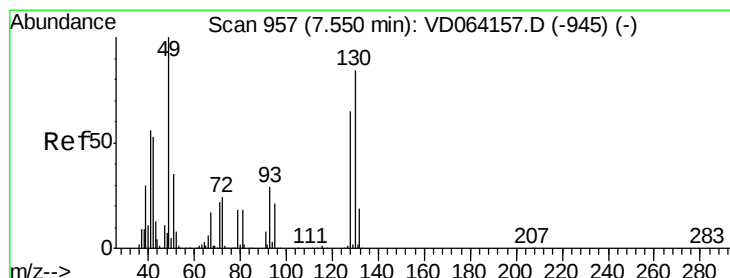
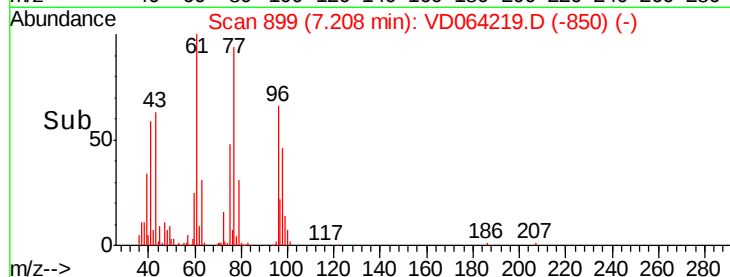
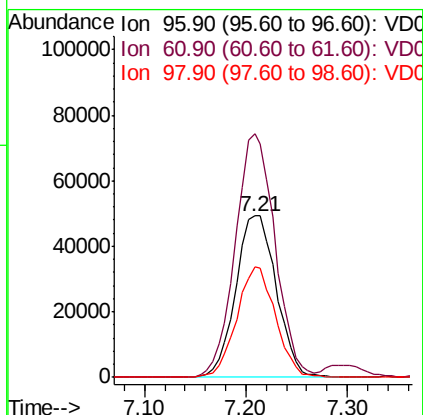
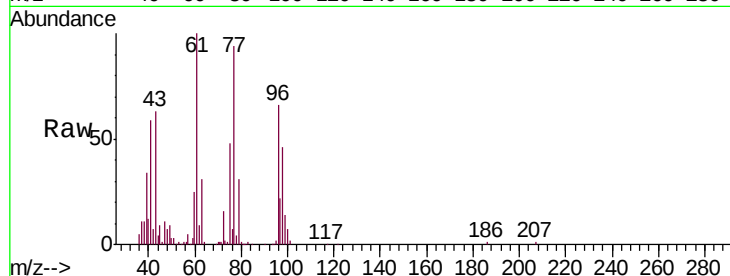


#27

cis-1,2-Dichloroethene  
Concen: 20.919 ug/l  
RT: 7.21 min Scan# 899  
Delta R.T. -0.01 min  
Lab File: VD064219.D  
Acq: 15 Nov 2019 11:17

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1115SBS01

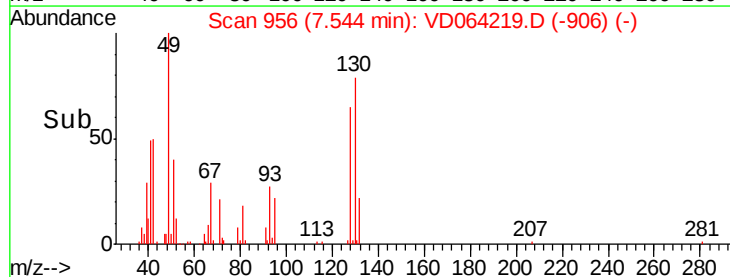
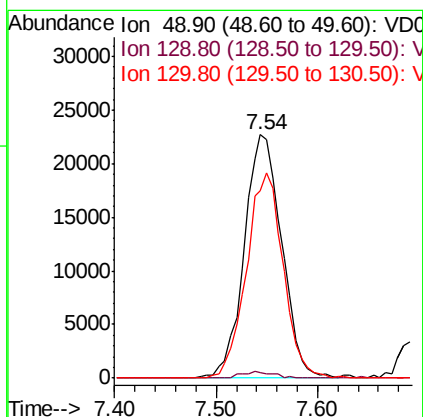
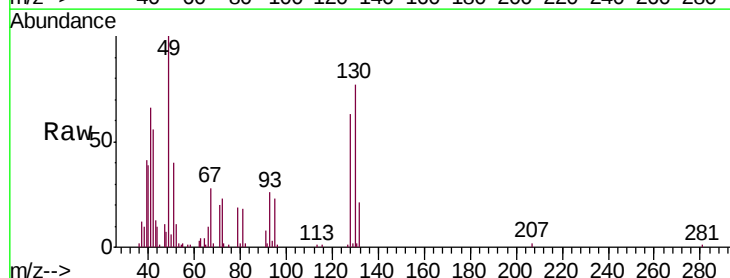
Tgt Ion: 96 Resp: 137469  
Ion Ratio Lower Upper  
96 100  
61 147.1 0.0 301.4  
98 65.1 0.0 133.2

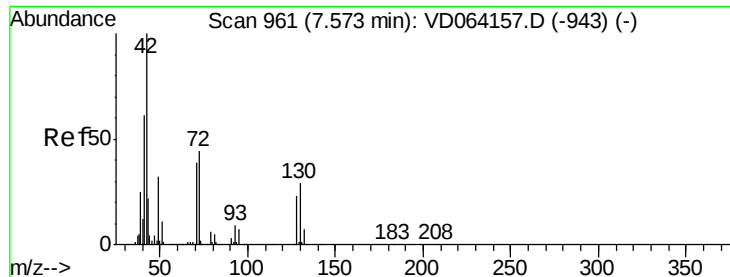


#28

Bromochloromethane  
Concen: 16.255 ug/l  
RT: 7.54 min Scan# 956  
Delta R.T. -0.01 min  
Lab File: VD064219.D  
Acq: 15 Nov 2019 11:17

Tgt Ion: 49 Resp: 58305  
Ion Ratio Lower Upper  
49 100  
129 2.2 0.0 4.4  
130 82.9 66.8 100.2

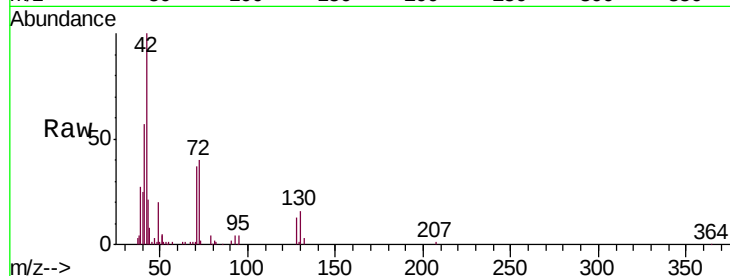




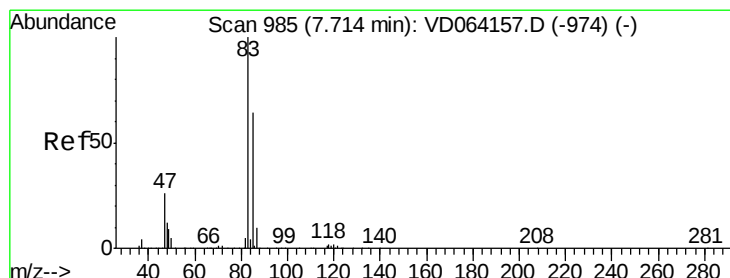
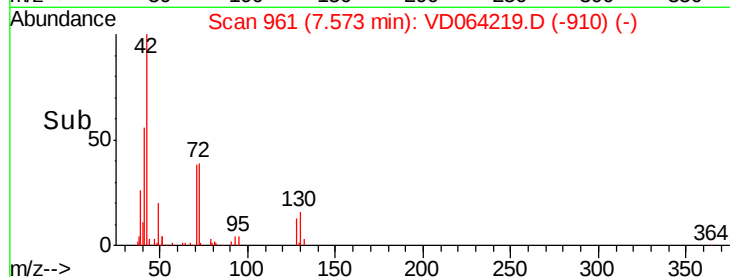
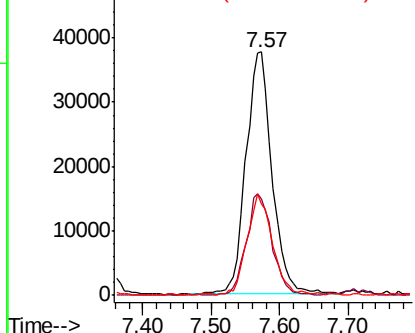
#29  
Tetrahydrofuran  
Concen: 102.839 ug/l  
RT: 7.57 min Scan# 961  
Delta R.T. -0.00 min  
Lab File: VD064219.D  
Acq: 15 Nov 2019 11:17

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1115SBS01

Tgt Ion: 42 Resp: 100114  
Ion Ratio Lower Upper  
42 100  
72 41.3 33.4 50.2  
71 40.7 31.0 46.4

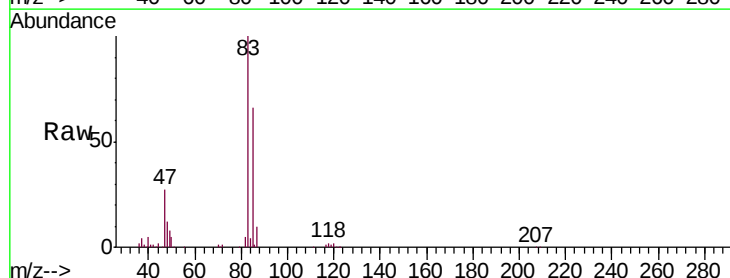


Abundance Ion 42.00 (41.70 to 42.70): VDC  
Ion 72.00 (71.70 to 72.70): VDC  
Ion 71.00 (70.70 to 71.70): VDC

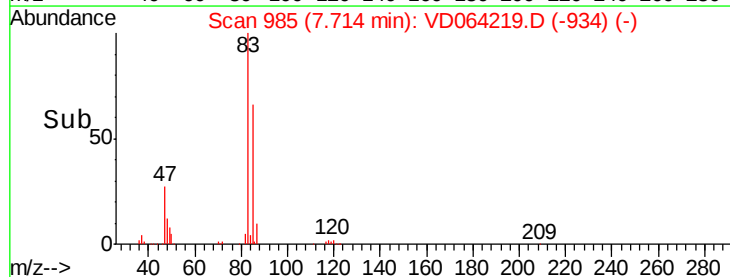
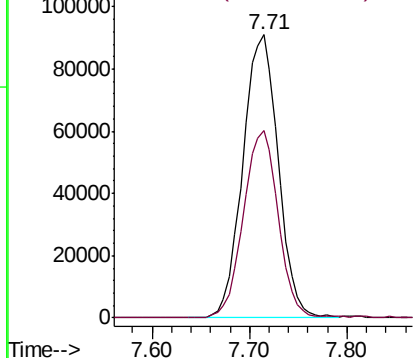


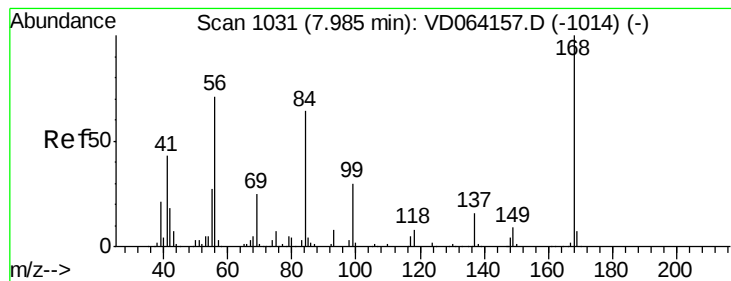
#30  
Chloroform  
Concen: 21.815 ug/l  
RT: 7.71 min Scan# 985  
Delta R.T. -0.00 min  
Lab File: VD064219.D  
Acq: 15 Nov 2019 11:17

Tgt Ion: 83 Resp: 229893  
Ion Ratio Lower Upper  
83 100  
85 66.3 51.4 77.0



Abundance Ion 82.90 (82.60 to 83.60): VDC  
Ion 84.90 (84.60 to 85.60): VDC





#31

Cyclohexane

Concen: 20.594 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064219.D

Acq: 15 Nov 2019 11:17

Instrument :

MSVOA\_D

ClientSampleId :

VD1115SBS01

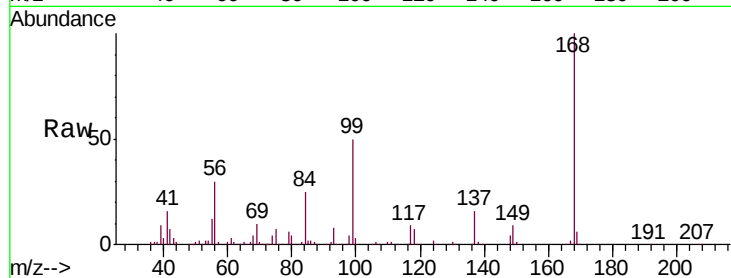
Tgt Ion: 56 Resp: 213983

Ion Ratio Lower Upper

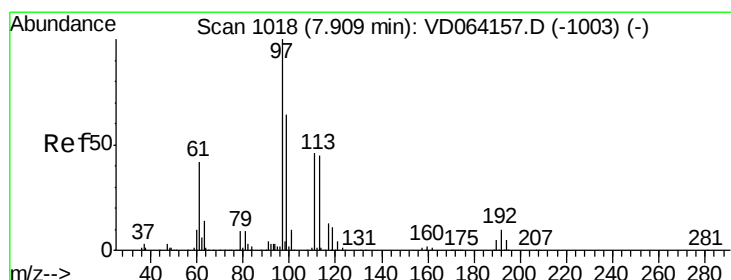
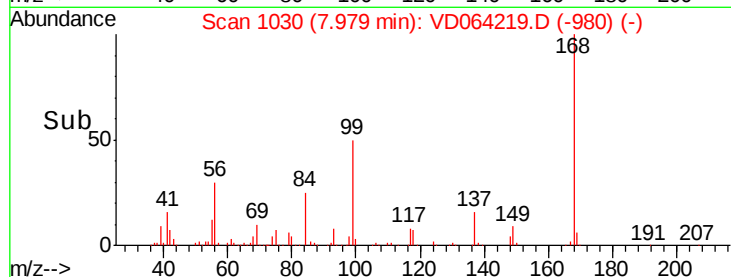
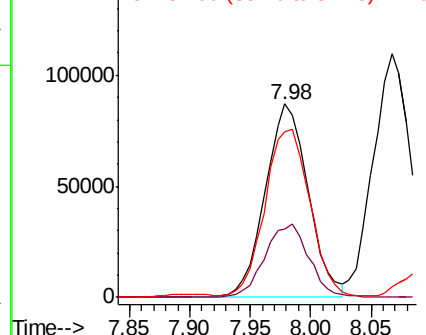
56 100

69 35.2 28.2 42.4

84 83.7 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: 21.036 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VD064219.D

Acq: 15 Nov 2019 11:17

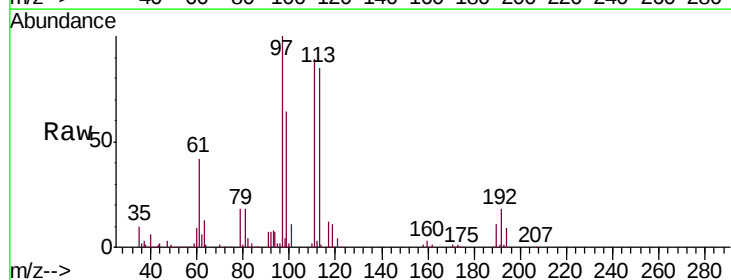
Tgt Ion: 97 Resp: 212276

Ion Ratio Lower Upper

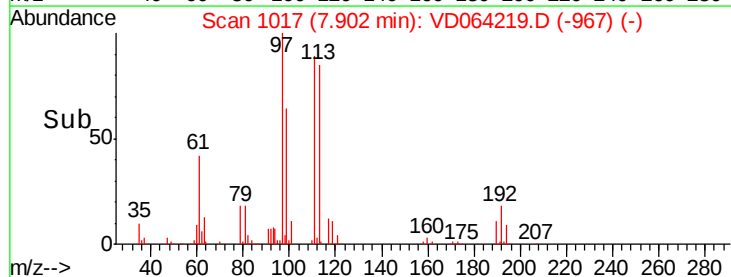
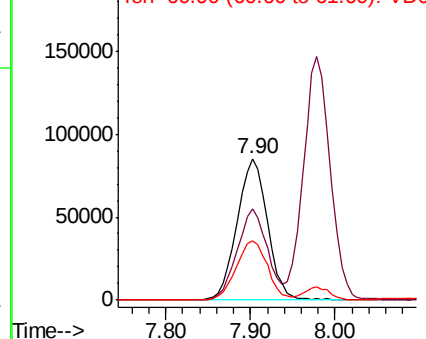
97 100

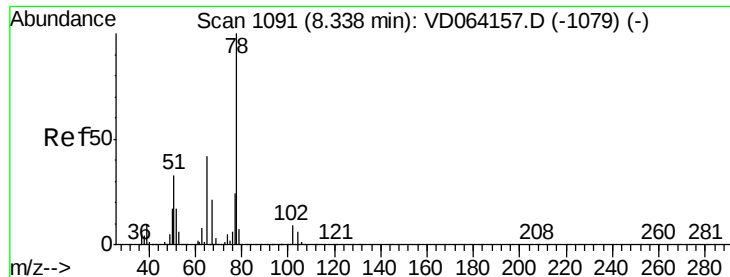
99 63.9 51.6 77.4

61 43.0 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

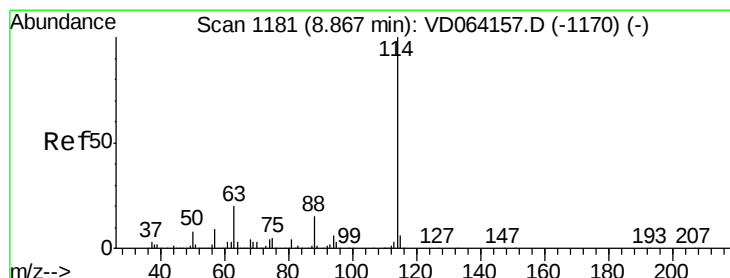
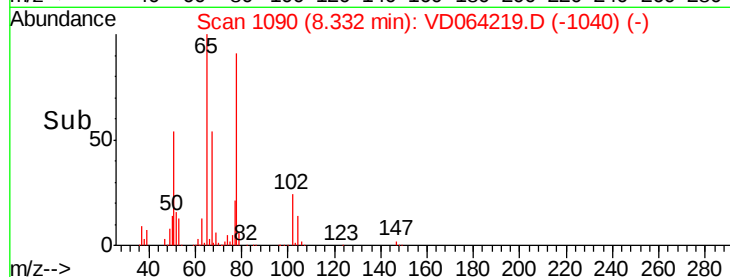
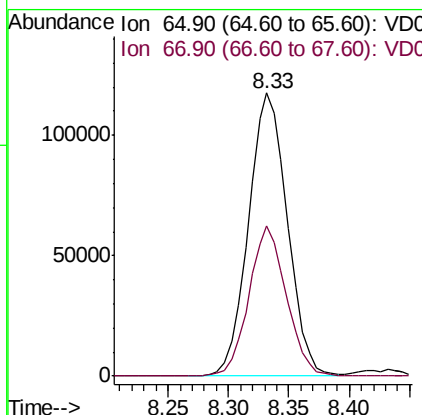
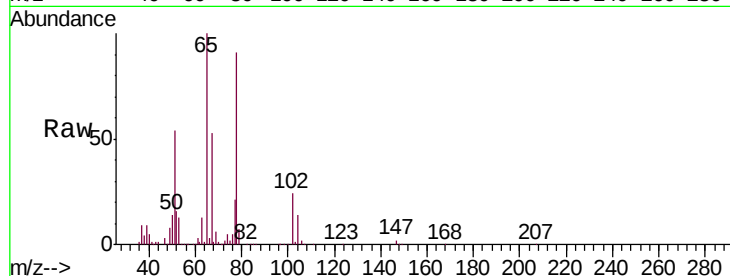




#33  
 1,2-Dichloroethane-d4  
 Concen: 49.588 ug/l  
 RT: 8.33 min Scan# 1090  
 Delta R.T. -0.01 min  
 Lab File: VD064219.D  
 Acq: 15 Nov 2019 11:17

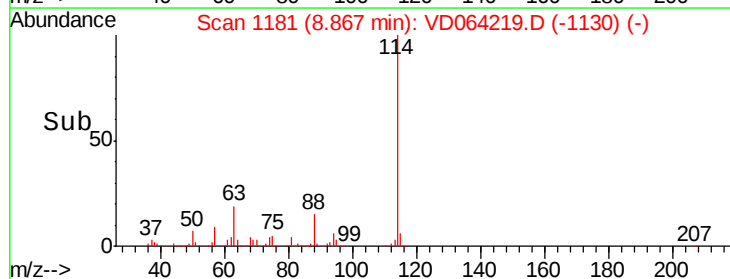
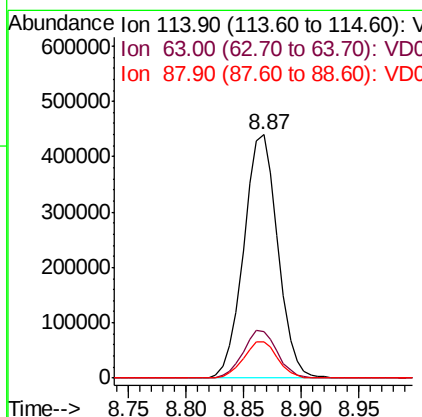
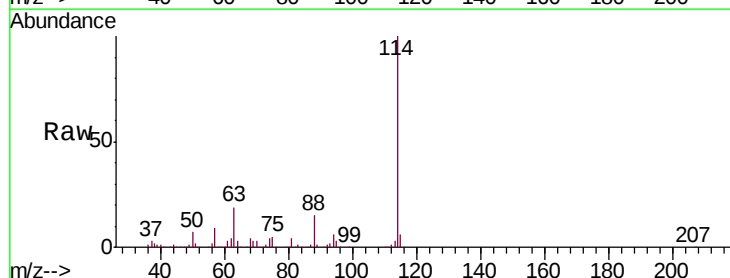
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1115SBS01

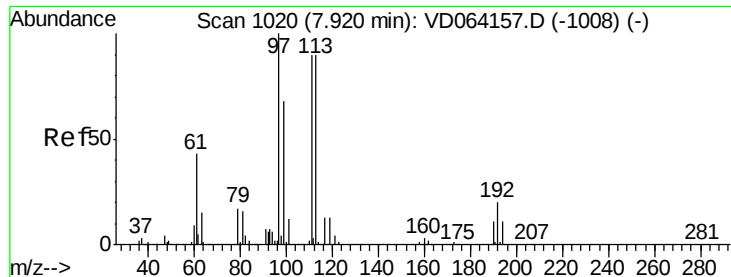
Tgt Ion: 65 Resp: 262519  
 Ion Ratio Lower Upper  
 65 100  
 67 51.3 0.0 104.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.87 min Scan# 1181  
 Delta R.T. -0.00 min  
 Lab File: VD064219.D  
 Acq: 15 Nov 2019 11:17

Tgt Ion: 114 Resp: 903757  
 Ion Ratio Lower Upper  
 114 100  
 63 18.9 0.0 40.0  
 88 14.9 0.0 30.2

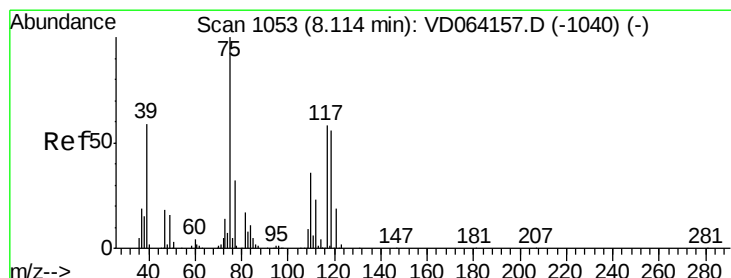
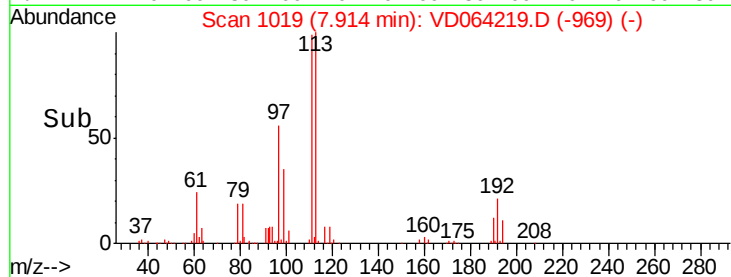
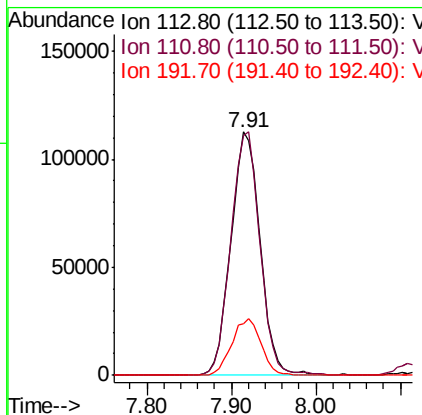
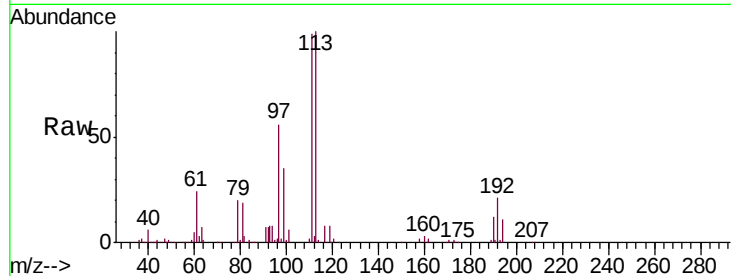




#35  
 Dibromofluoromethane  
 Concen: 51.707 ug/l  
 RT: 7.91 min Scan# 1019  
 Delta R.T. -0.01 min  
 Lab File: VD064219.D  
 Acq: 15 Nov 2019 11:17

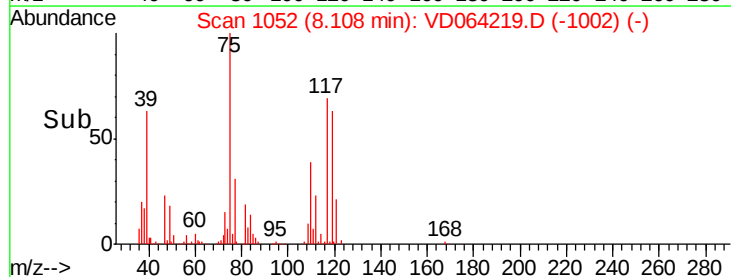
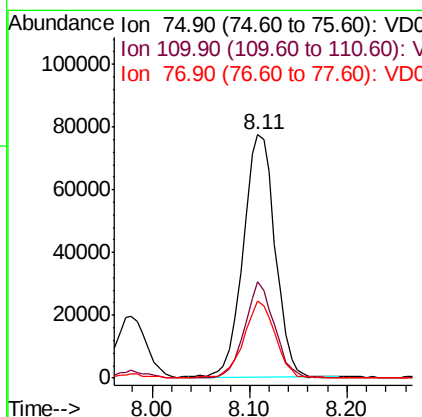
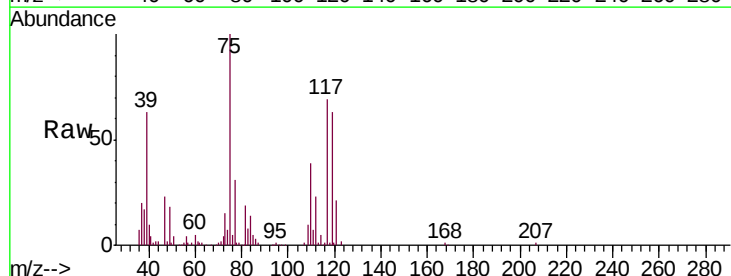
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1115SBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 99.8  | 81.5  | 122.3 |
| 192     | 23.4  | 18.8  | 28.2  |



#36  
 1,1-Dichloropropene  
 Concen: 21.246 ug/l  
 RT: 8.11 min Scan# 1052  
 Delta R.T. -0.01 min  
 Lab File: VD064219.D  
 Acq: 15 Nov 2019 11:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 36.8  | 18.3  | 54.9  |
| 77      | 31.5  | 25.0  | 37.6  |

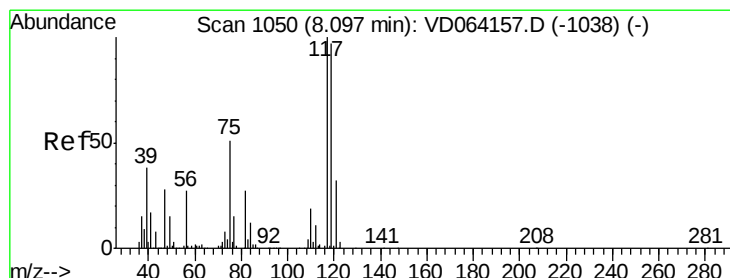
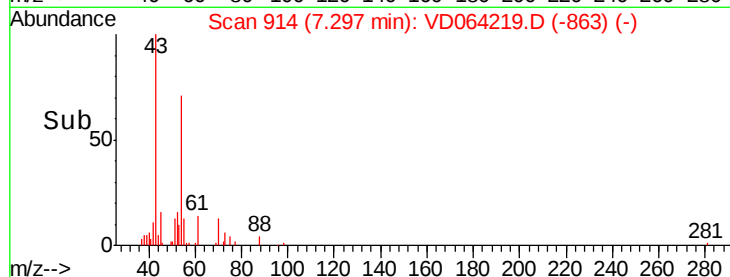
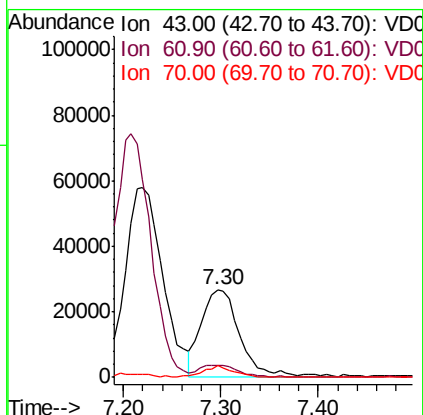
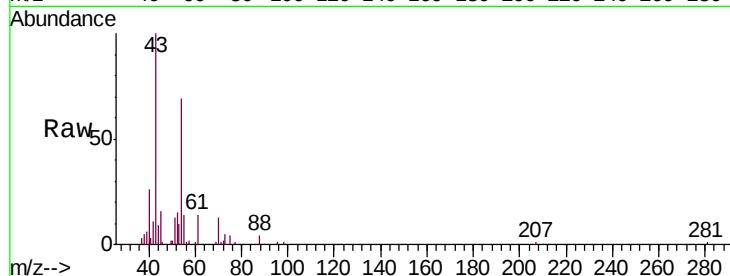




#37  
 Ethyl Acetate  
 Concen: 20.380 ug/l  
 RT: 7.30 min Scan# 914  
 Delta R.T. -0.00 min  
 Lab File: VD064219.D  
 Acq: 15 Nov 2019 11:17

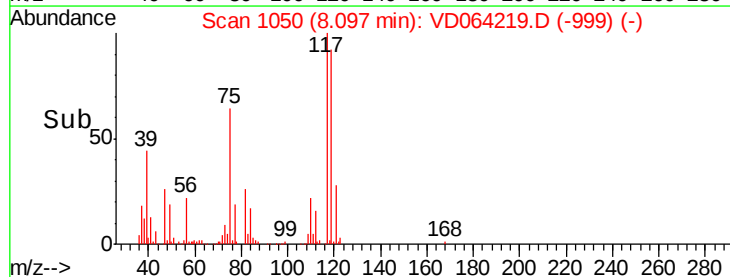
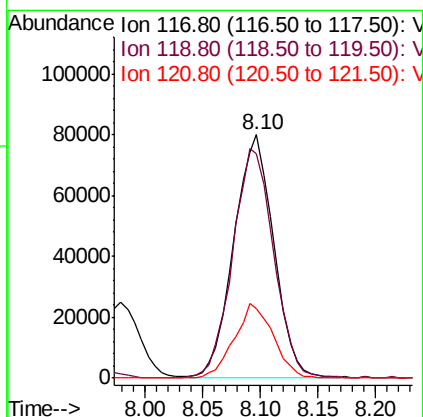
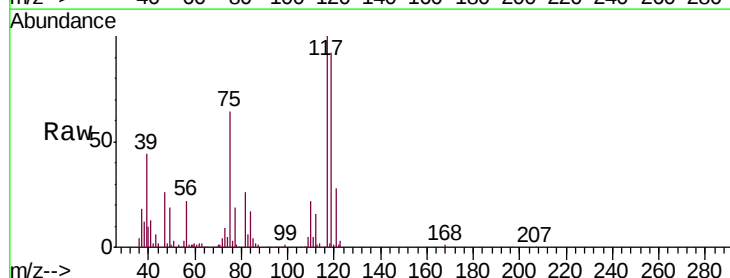
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1115SBS01

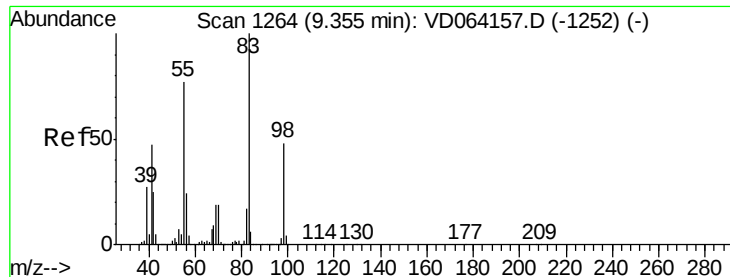
Tgt Ion: 43 Resp: 71662  
 Ion Ratio Lower Upper  
 43 100  
 61 14.7 10.2 15.2  
 70 10.4 8.5 12.7



#38  
 Carbon Tetrachloride  
 Concen: 21.409 ug/l  
 RT: 8.10 min Scan# 1050  
 Delta R.T. -0.00 min  
 Lab File: VD064219.D  
 Acq: 15 Nov 2019 11:17

Tgt Ion: 117 Resp: 191077  
 Ion Ratio Lower Upper  
 117 100  
 119 92.1 77.2 115.8  
 121 28.4 25.5 38.3

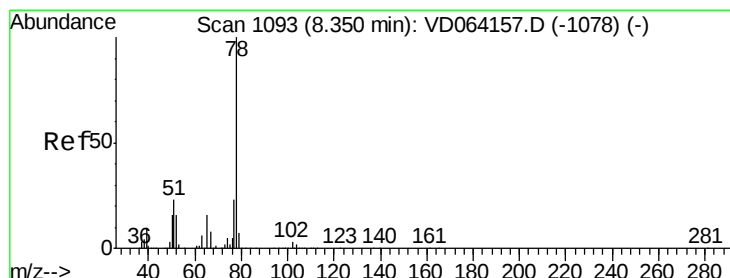
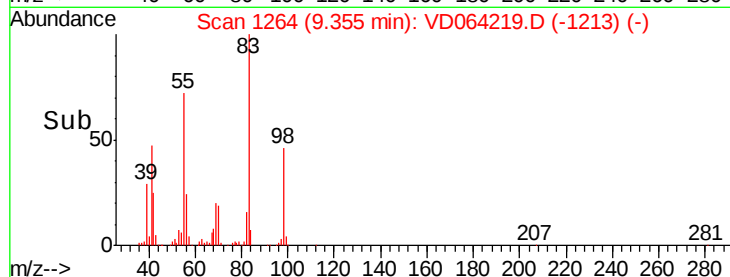
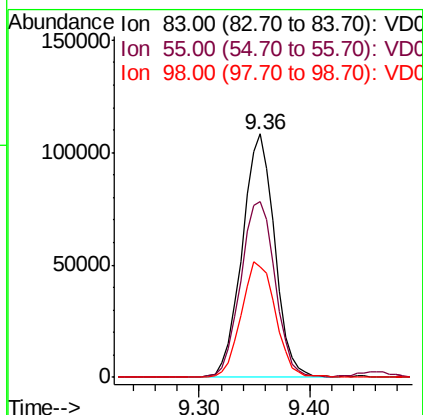
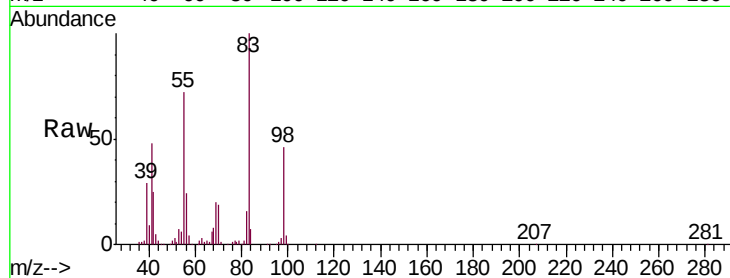




#39  
Methylcyclohexane  
Concen: 21.262 ug/l  
RT: 9.36 min Scan# 1264  
Delta R.T. -0.00 min  
Lab File: VD064219.D  
Acq: 15 Nov 2019 11:17

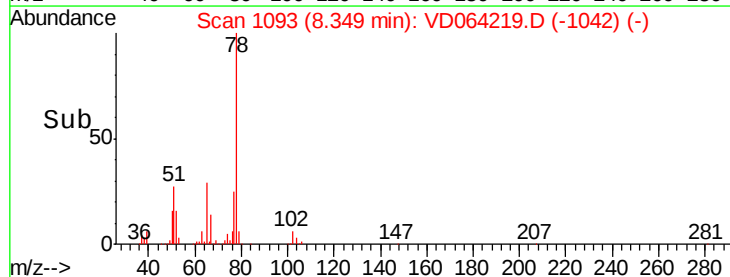
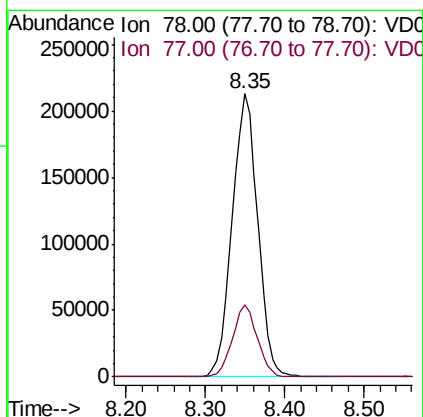
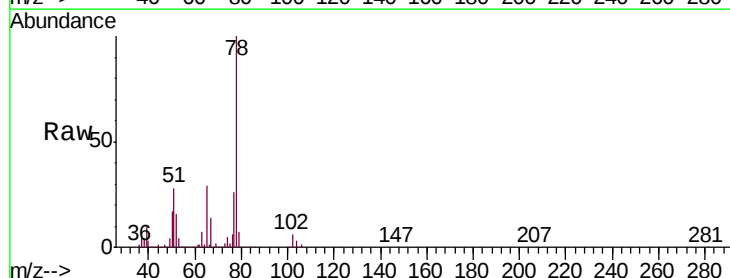
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1115SBS01

Tgt Ion: 83 Resp: 224405  
Ion Ratio Lower Upper  
83 100  
55 71.9 61.7 92.5  
98 45.5 38.6 58.0



#40  
Benzene  
Concen: 20.848 ug/l  
RT: 8.35 min Scan# 1093  
Delta R.T. -0.00 min  
Lab File: VD064219.D  
Acq: 15 Nov 2019 11:17

Tgt Ion: 78 Resp: 475238  
Ion Ratio Lower Upper  
78 100  
77 25.5 18.6 28.0

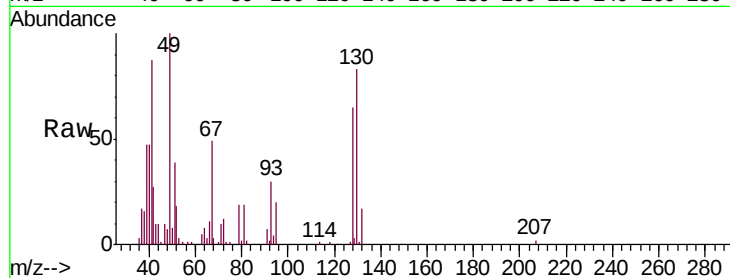




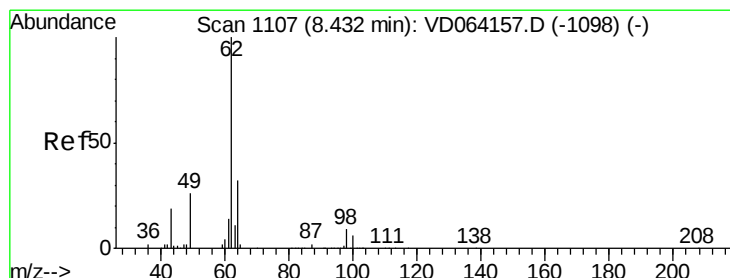
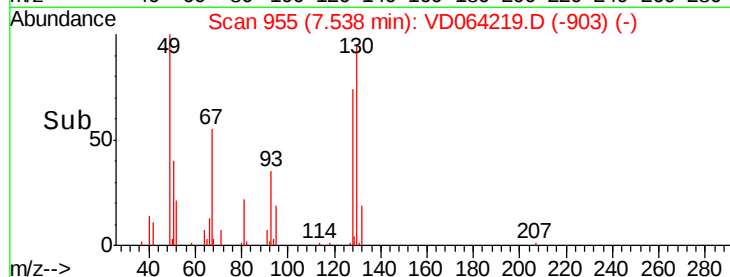
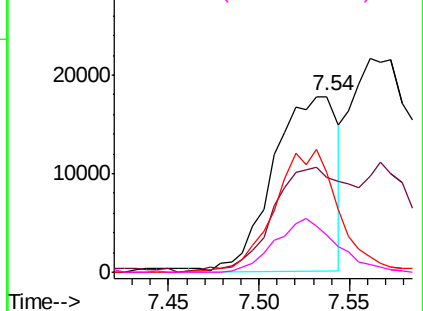
#41  
Methacrylonitrile  
Concen: 19.887 ug/l  
RT: 7.54 min Scan# 955  
Delta R.T. 0.01 min  
Lab File: VD064219.D  
Acq: 15 Nov 2019 11:17

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1115SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 43953 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 73.8  | 49.4  | 74.2  |
| 67       | 70.3  | 49.6  | 74.4  |
| 52       | 29.6  | 21.4  | 32.0  |

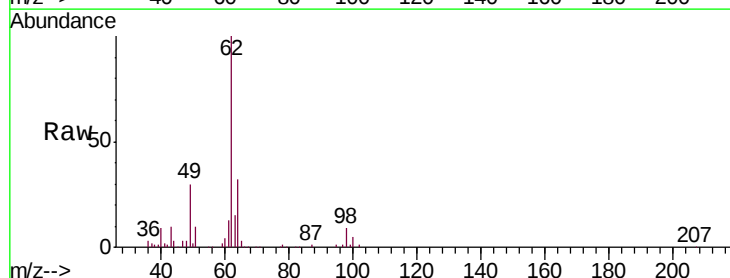


Abundance Ion 41.00 (40.70 to 41.70): VDC  
Ion 39.00 (38.70 to 39.70): VDC  
Ion 67.00 (66.70 to 67.70): VDC  
Ion 52.00 (51.70 to 52.70): VDC

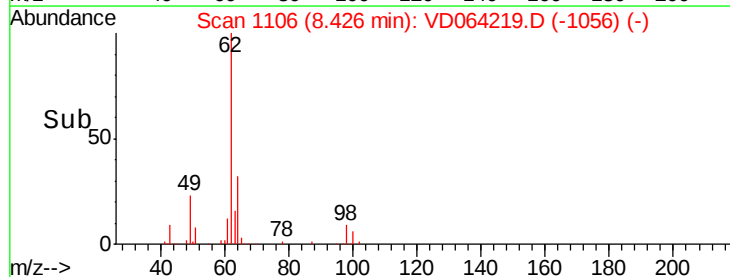
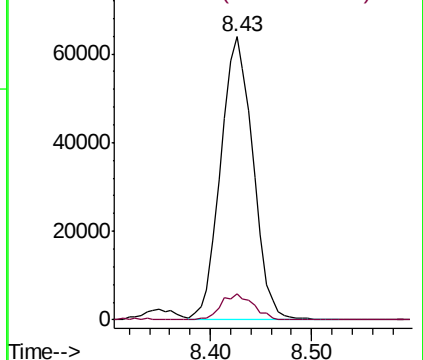


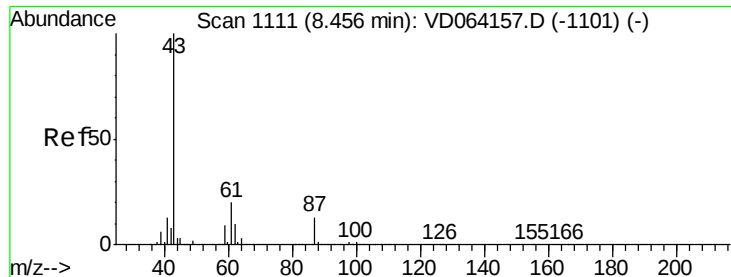
#42  
1,2-Dichloroethane  
Concen: 20.704 ug/l  
RT: 8.43 min Scan# 1106  
Delta R.T. -0.01 min  
Lab File: VD064219.D  
Acq: 15 Nov 2019 11:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 141750 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.1   | 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: 19.866 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD064219.D

Acq: 15 Nov 2019 11:17

Instrument :

MSVOA\_D

ClientSampleId :

VD1115SBS01

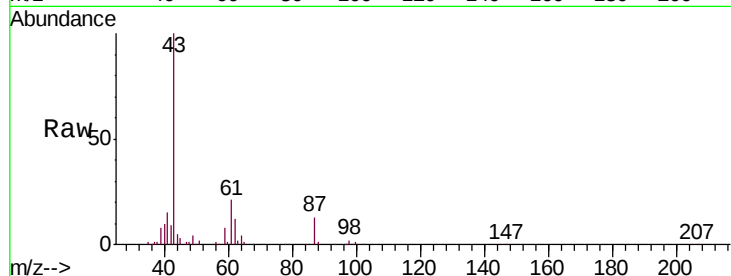
Tgt Ion: 43 Resp: 143928

Ion Ratio Lower Upper

43 100

61 28.7 22.9 34.3

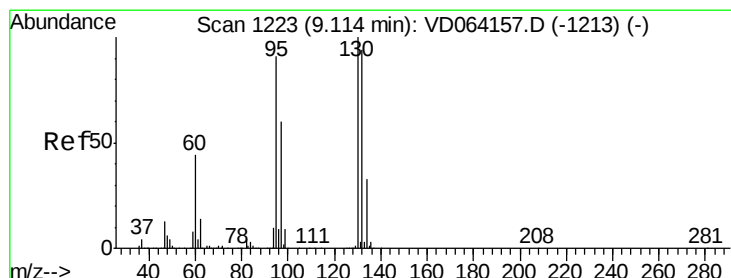
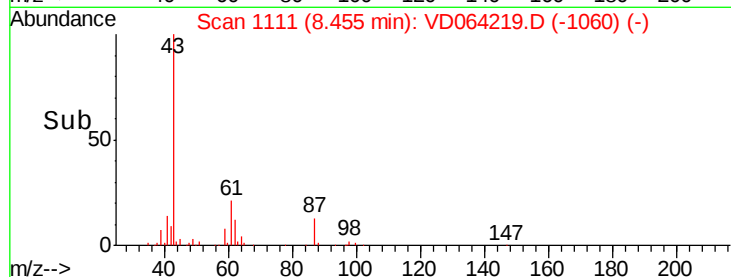
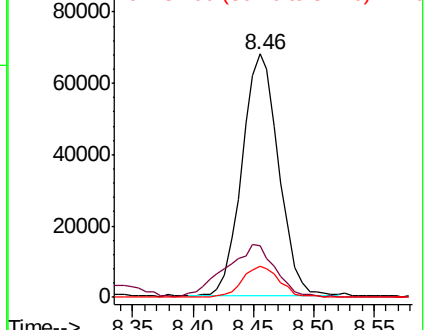
87 13.3 10.2 15.2



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: 21.161 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD064219.D

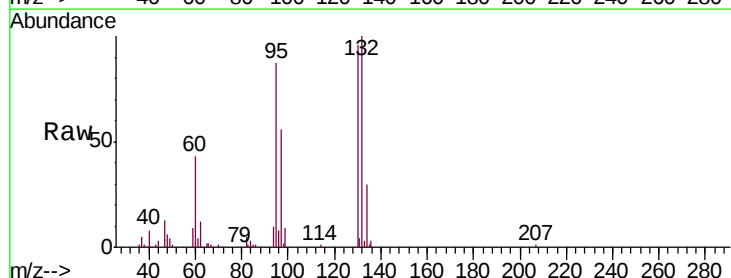
Acq: 15 Nov 2019 11:17

Tgt Ion: 130 Resp: 144776

Ion Ratio Lower Upper

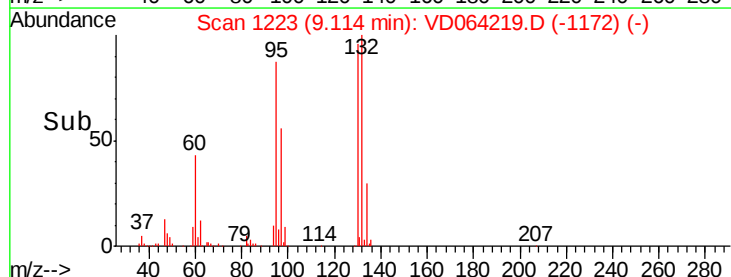
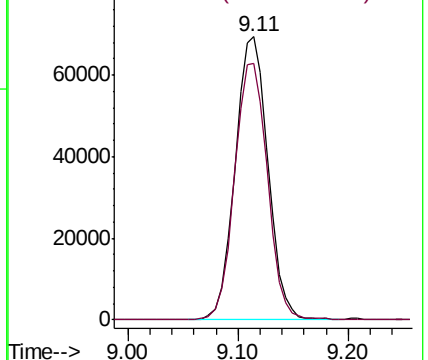
130 100

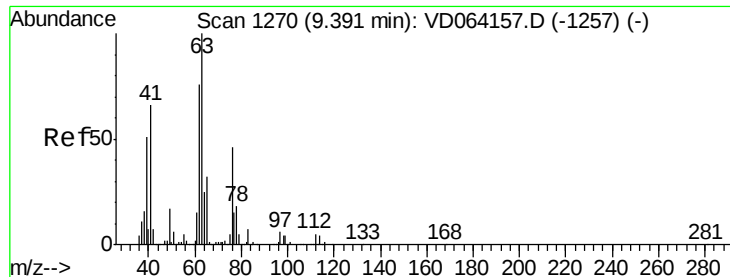
95 90.7 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 20.505 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD064219.D

Acq: 15 Nov 2019 11:17

Instrument :

MSVOA\_D

ClientSampleId :

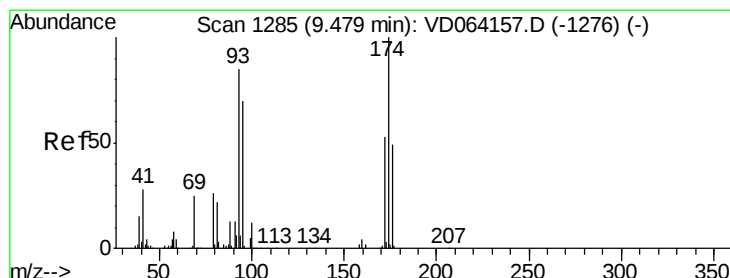
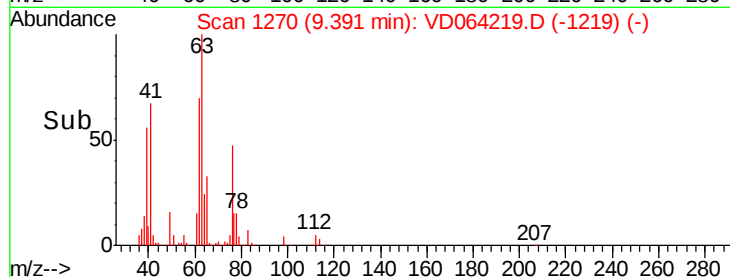
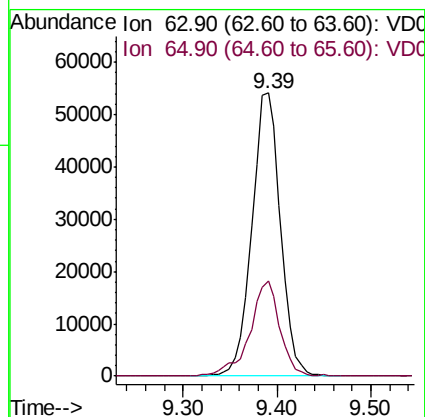
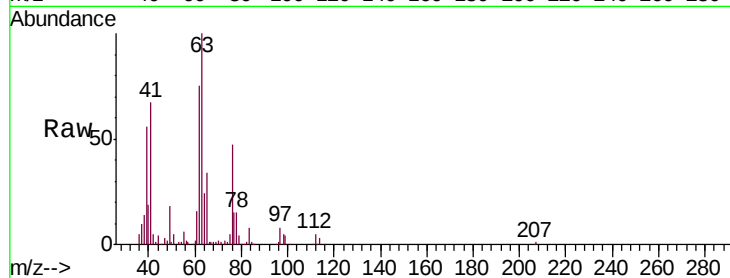
VD1115SBS01

Tgt Ion: 63 Resp: 113772

Ion Ratio Lower Upper

63 100

65 33.7 25.7 38.5



#46

Dibromomethane

Concen: 20.596 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VD064219.D

Acq: 15 Nov 2019 11:17

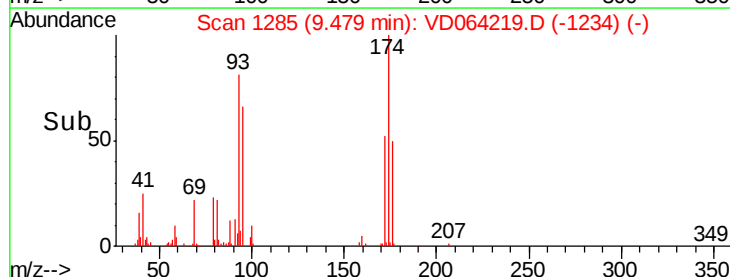
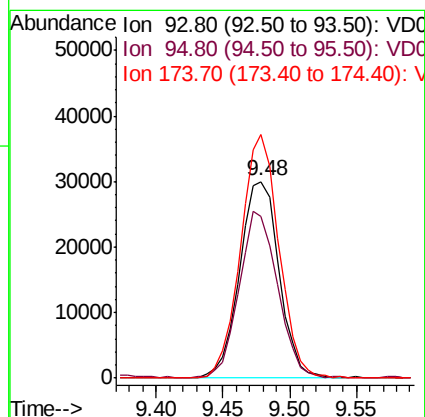
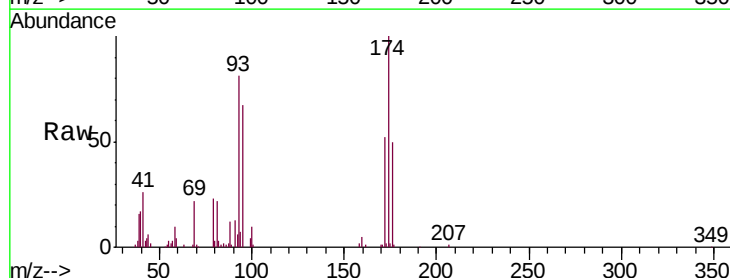
Tgt Ion: 93 Resp: 61179

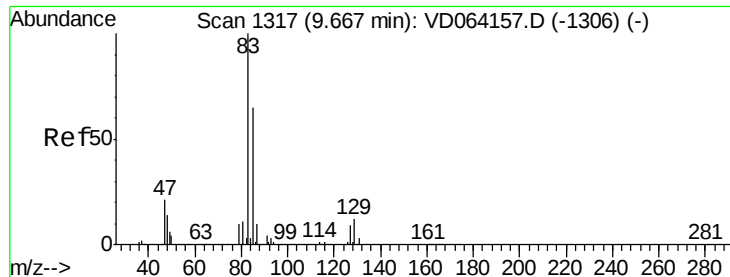
Ion Ratio Lower Upper

93 100

95 83.1 65.5 98.3

174 120.0 93.9 140.9





#47

Bromodichloromethane

Concen: 20.916 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD064219.D

Acq: 15 Nov 2019 11:17

Instrument :

MSVOA\_D

ClientSampleId :

VD1115SBS01

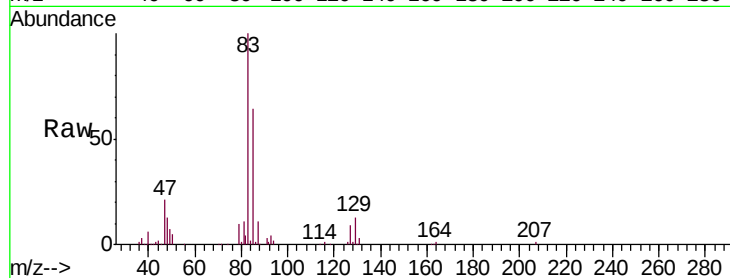
Tgt Ion: 83 Resp: 167354

Ion Ratio Lower Upper

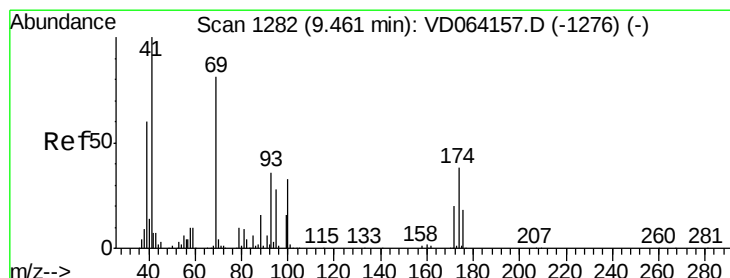
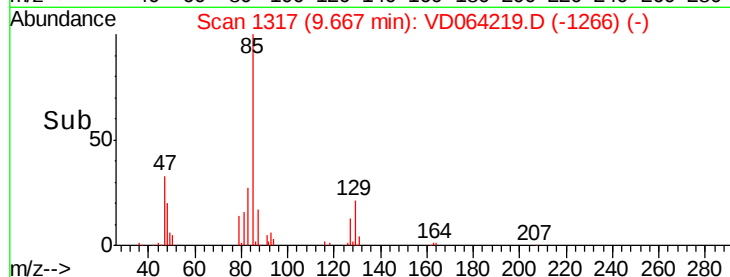
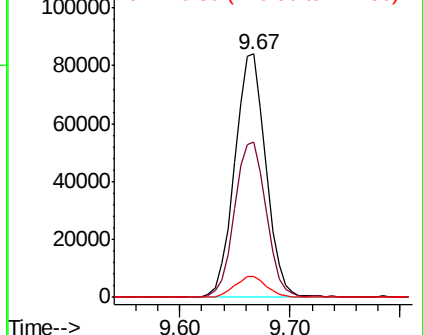
83 100

85 63.8 52.2 78.4

127 8.5 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: 18.844 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD064219.D

Acq: 15 Nov 2019 11:17

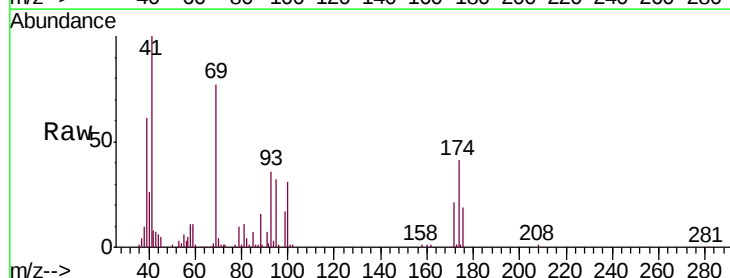
Tgt Ion: 41 Resp: 66760

Ion Ratio Lower Upper

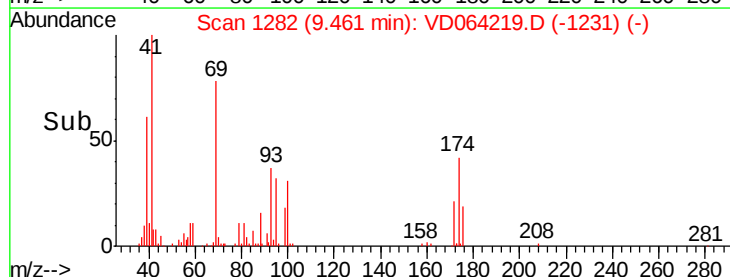
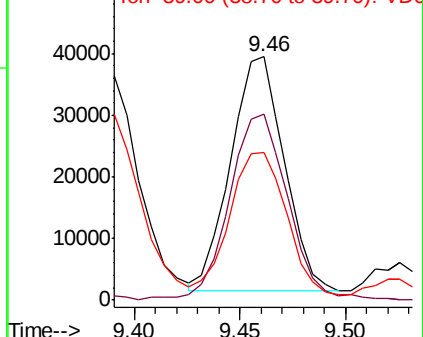
41 100

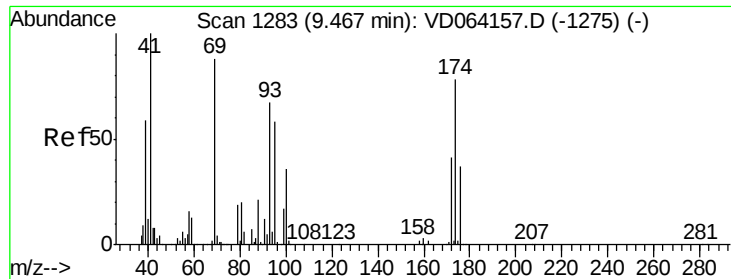
69 86.9 64.6 97.0

39 64.4 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

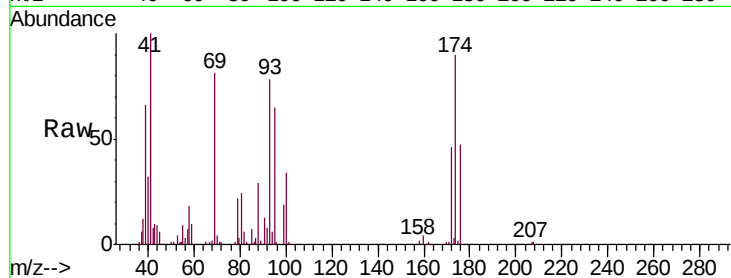




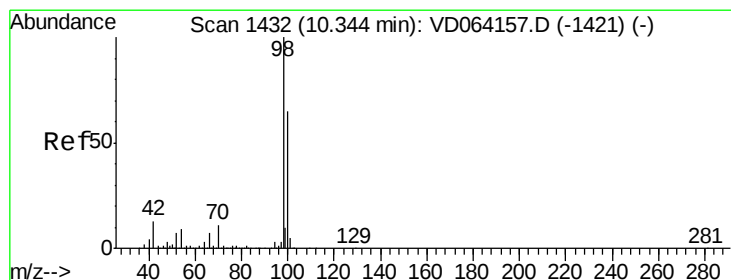
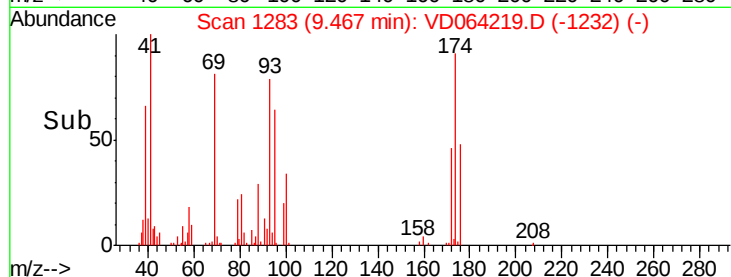
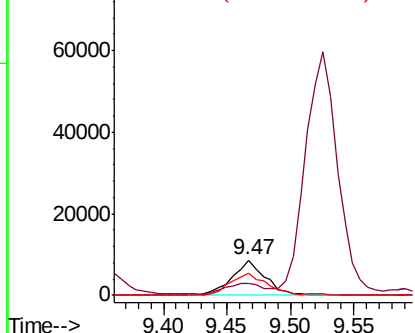
#49  
1,4-Dioxane  
Concen: 432.439 ug/l  
RT: 9.47 min Scan# 1283  
Delta R.T. -0.00 min  
Lab File: VD064219.D  
Acq: 15 Nov 2019 11:17

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1115SBS01

Tgt Ion: 88 Resp: 15427  
Ion Ratio Lower Upper  
88 100  
43 31.2 29.8 44.8  
58 69.3 58.1 87.1

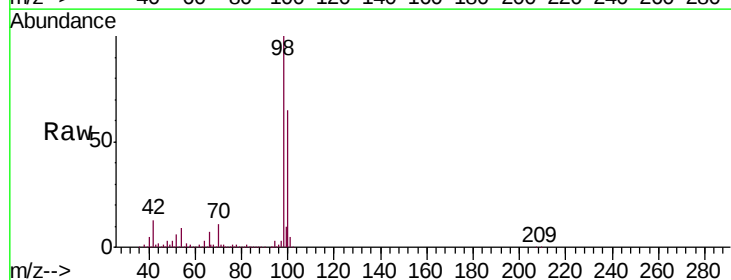


Abundance Ion 88.00 (87.70 to 88.70): VDC  
Ion 43.00 (42.70 to 43.70): VDC  
Ion 58.00 (57.70 to 58.70): VDC

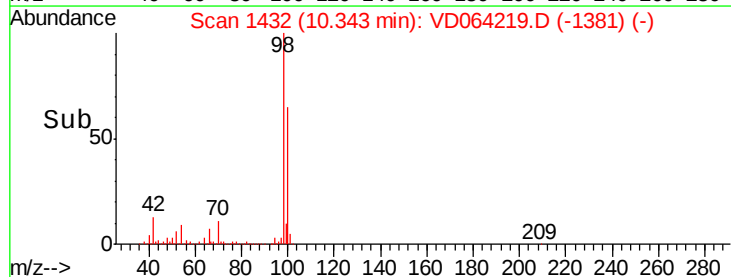
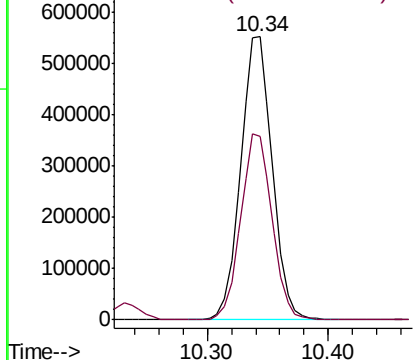


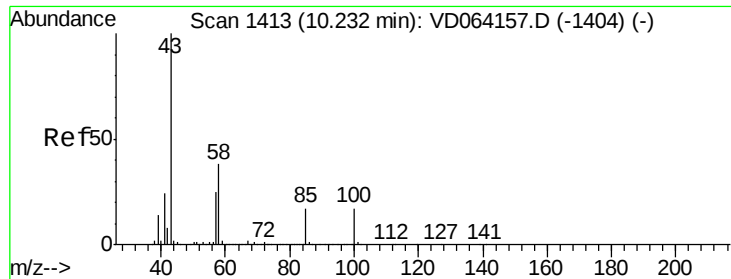
#50  
Toluene-d8  
Concen: 51.448 ug/l  
RT: 10.34 min Scan# 1432  
Delta R.T. -0.00 min  
Lab File: VD064219.D  
Acq: 15 Nov 2019 11:17

Tgt Ion: 98 Resp: 1006846  
Ion Ratio Lower Upper  
98 100  
100 65.4 52.6 78.8



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

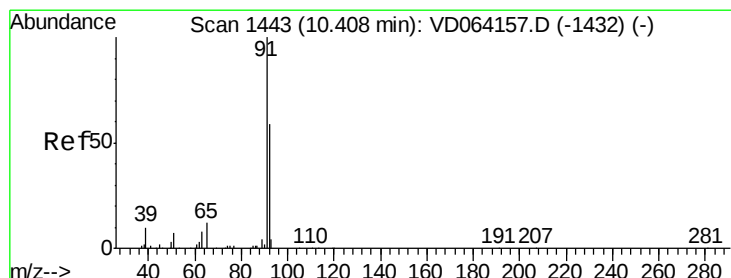
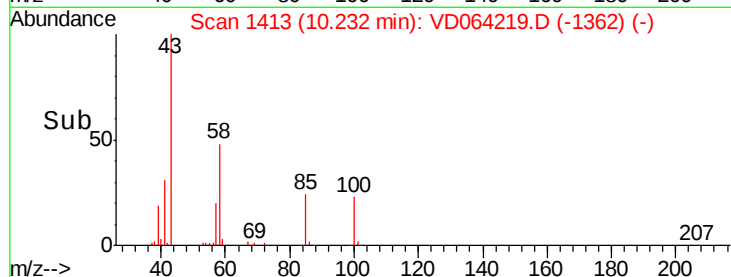
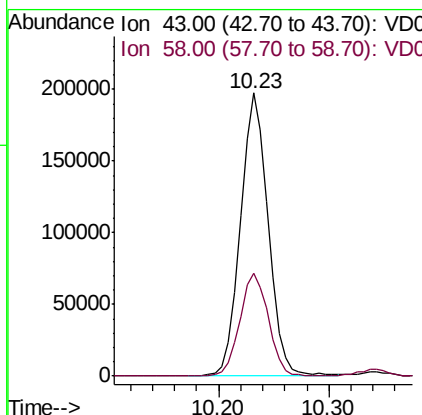
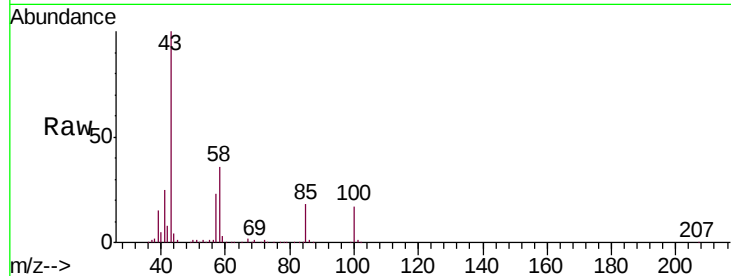




#51  
 4-Methyl-2-Pentanone  
 Concen: 100.083 ug/l  
 RT: 10.23 min Scan# 1413  
 Delta R.T. -0.00 min  
 Lab File: VD064219.D  
 Acq: 15 Nov 2019 11:17

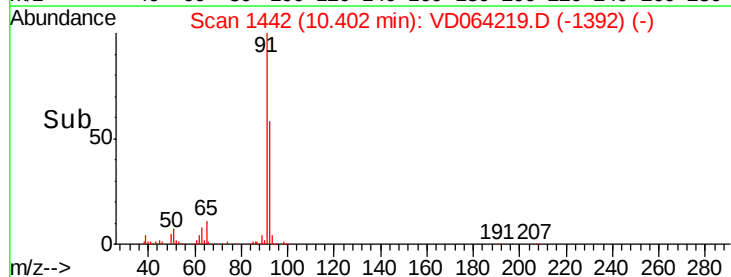
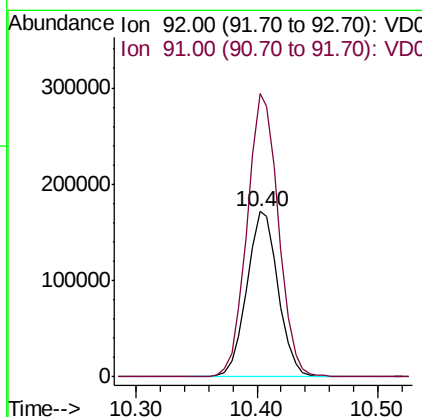
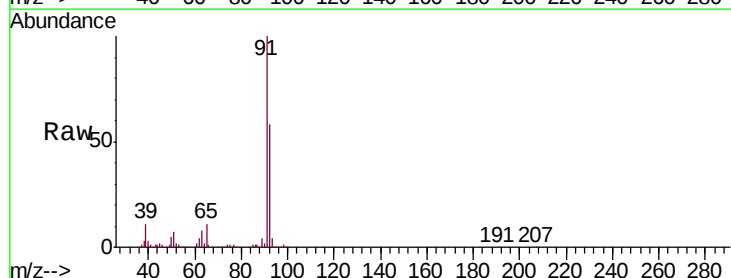
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1115SBS01

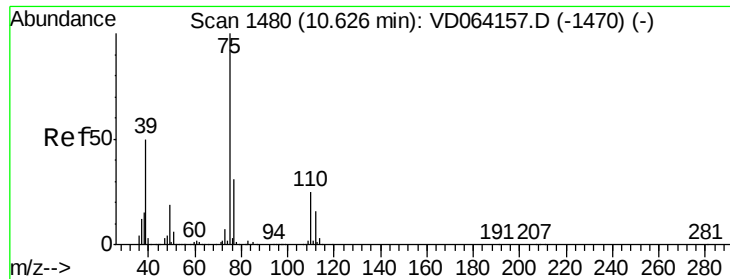
Tgt Ion: 43 Resp: 347720  
 Ion Ratio Lower Upper  
 43 100  
 58 37.5 30.2 45.4



#52  
 Toluene  
 Concen: 20.651 ug/l  
 RT: 10.40 min Scan# 1442  
 Delta R.T. -0.01 min  
 Lab File: VD064219.D  
 Acq: 15 Nov 2019 11:17

Tgt Ion: 92 Resp: 309555  
 Ion Ratio Lower Upper  
 92 100  
 91 172.0 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 19.966 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD064219.D

Acq: 15 Nov 2019 11:17

Instrument :

MSVOA\_D

ClientSampleId :

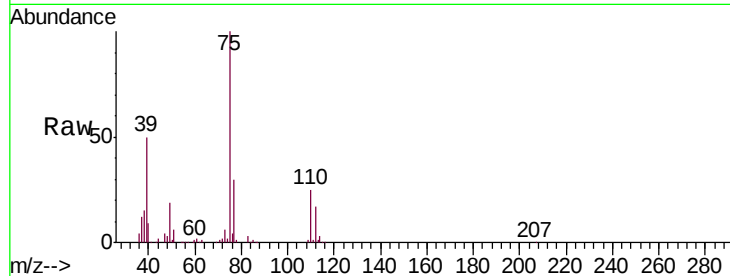
VD1115SBS01

Tgt Ion: 75 Resp: 160043

Ion Ratio Lower Upper

75 100

77 30.3 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

10.63

80000

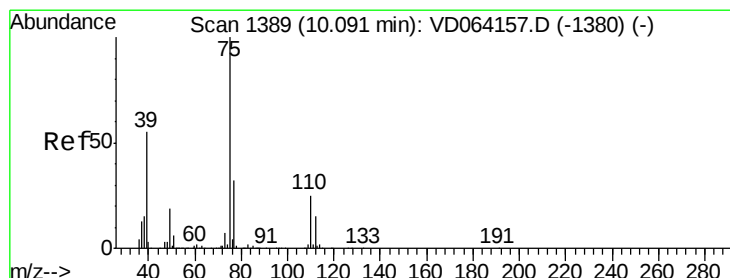
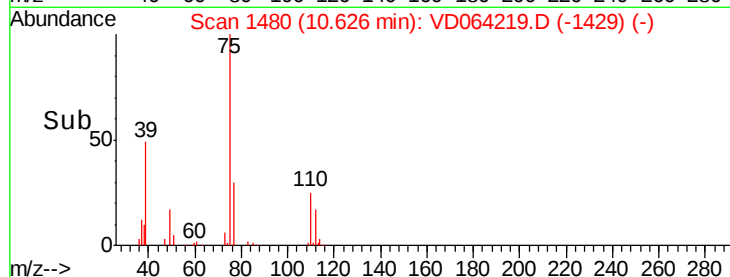
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 20.521 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD064219.D

Acq: 15 Nov 2019 11:17

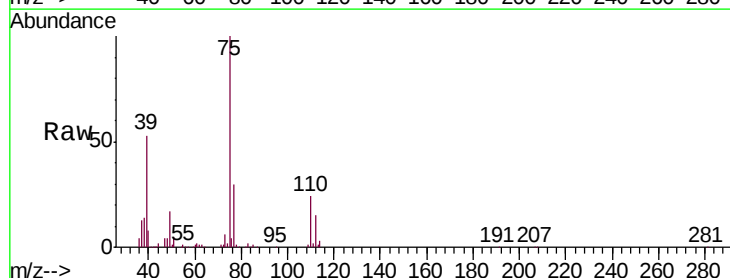
Tgt Ion: 75 Resp: 191949

Ion Ratio Lower Upper

75 100

77 30.2 25.2 37.8

39 52.7 44.2 66.2



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

10.09

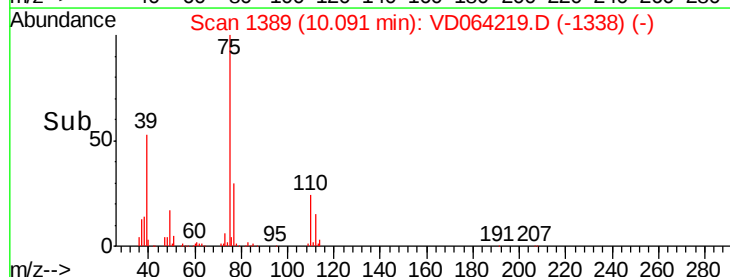
150000

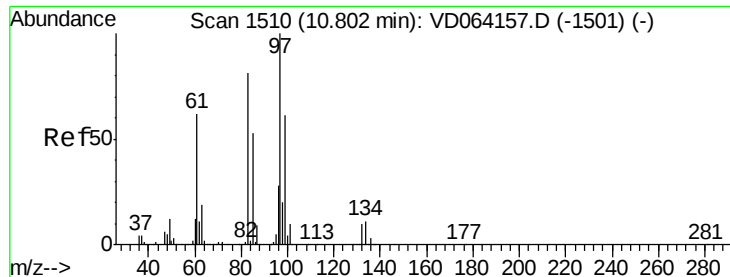
100000

50000

0

Time-->

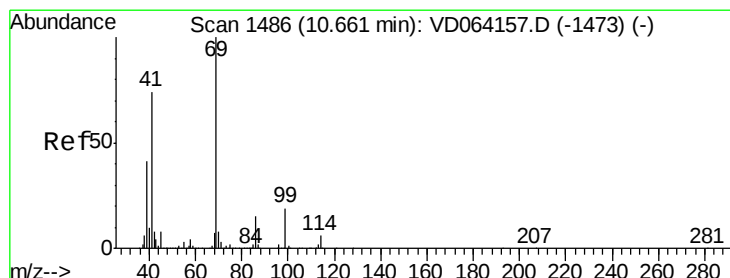
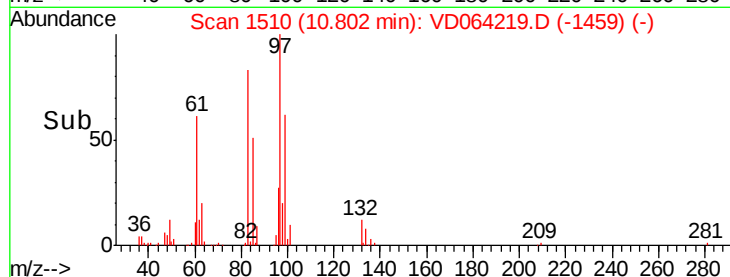
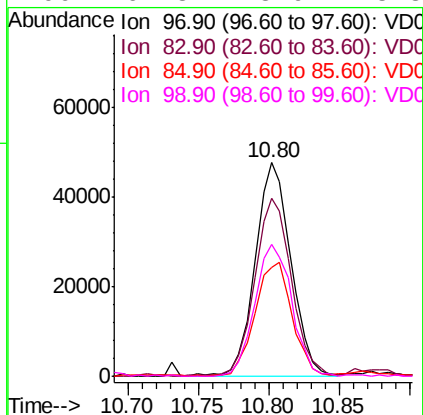
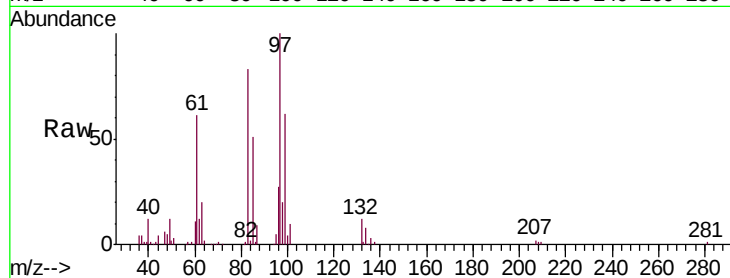




#55  
 1,1,2-Trichloroethane  
 Concen: 21.111 ug/l  
 RT: 10.80 min Scan# 1510  
 Delta R.T. -0.00 min  
 Lab File: VD064219.D  
 Acq: 15 Nov 2019 11:17

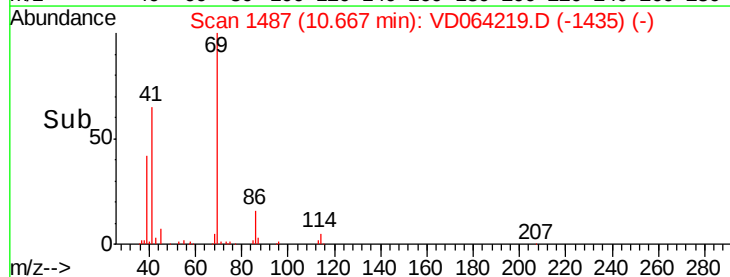
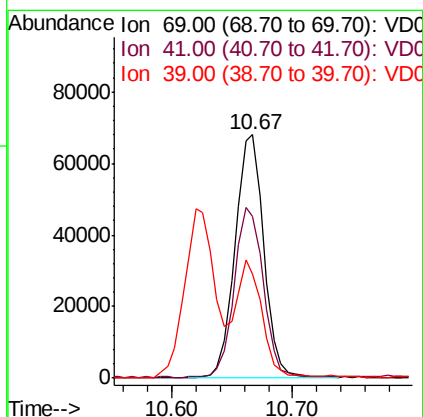
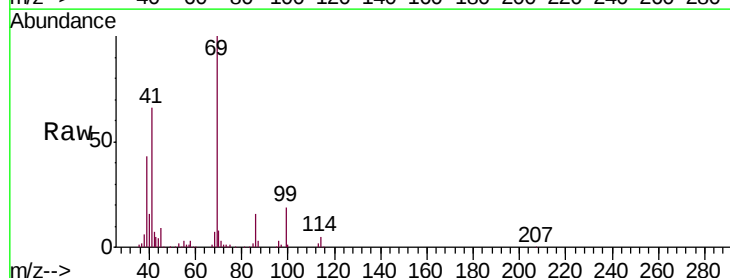
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1115SBS01

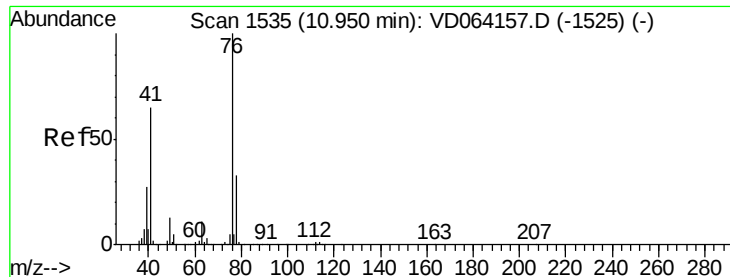
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 85070 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 83.0  | 65.1  | 97.7  |
| 85       | 51.2  | 42.0  | 63.0  |
| 99       | 61.8  | 48.9  | 73.3  |



#56  
 Ethyl methacrylate  
 Concen: 20.151 ug/l  
 RT: 10.67 min Scan# 1487  
 Delta R.T. 0.01 min  
 Lab File: VD064219.D  
 Acq: 15 Nov 2019 11:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 113588 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 70.5  | 57.9  | 86.9   |
| 39       | 43.7  | 29.0  | 43.4#  |





#57

1,3-Dichloropropane

Concen: 20.764 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD064219.D

Acq: 15 Nov 2019 11:17

Instrument :

MSVOA\_D

ClientSampleId :

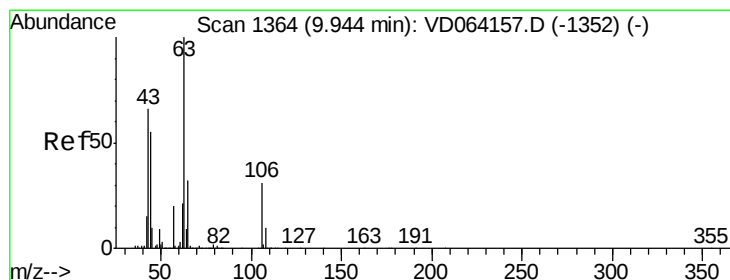
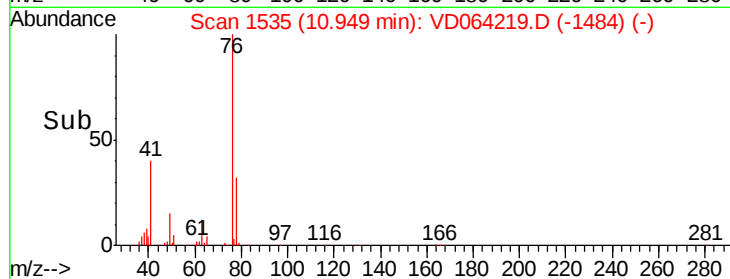
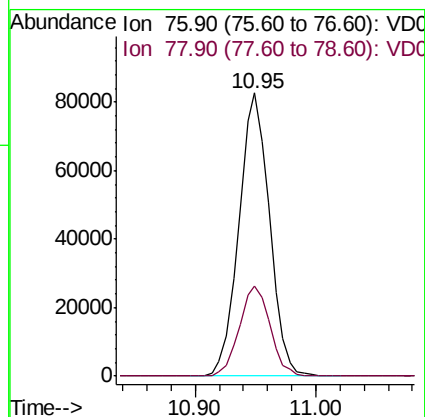
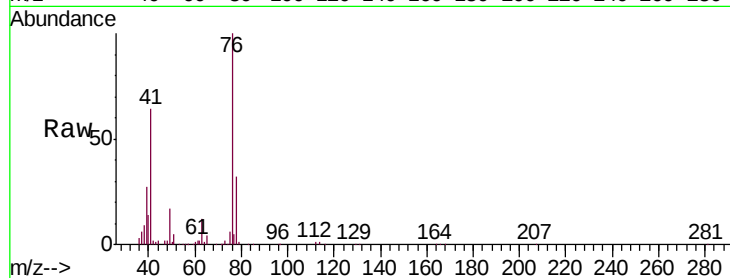
VD1115SBS01

Tgt Ion: 76 Resp: 145918

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 100.060 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VD064219.D

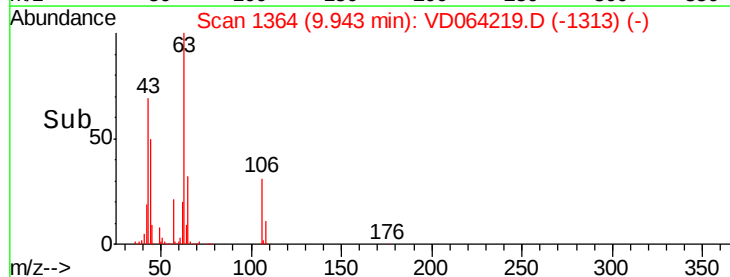
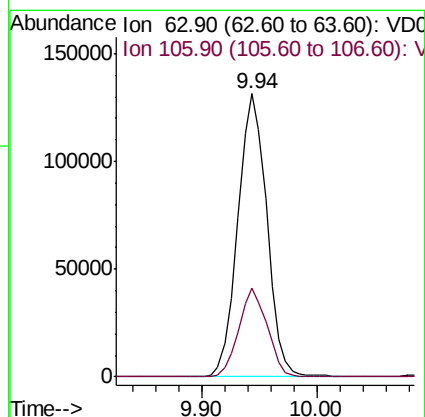
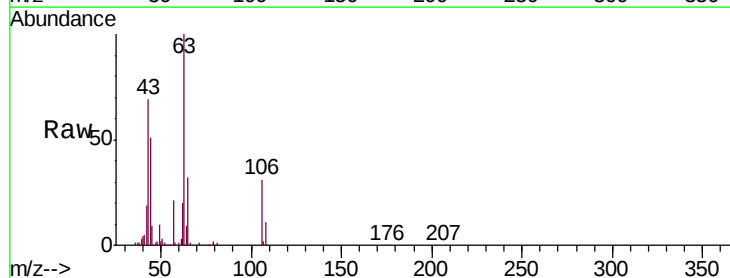
Acq: 15 Nov 2019 11:17

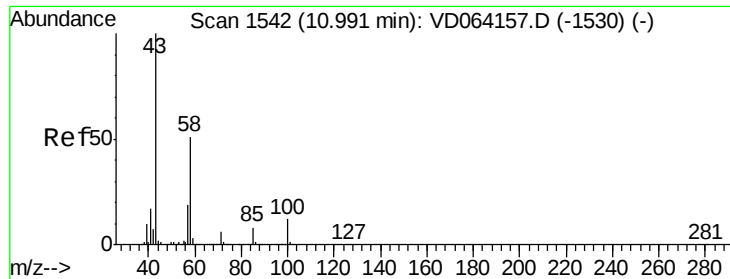
Tgt Ion: 63 Resp: 228470

Ion Ratio Lower Upper

63 100

106 30.8 24.1 36.1

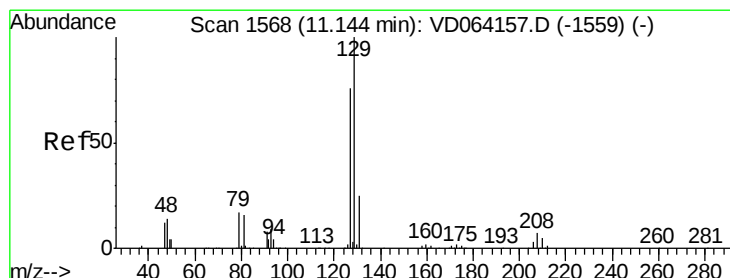
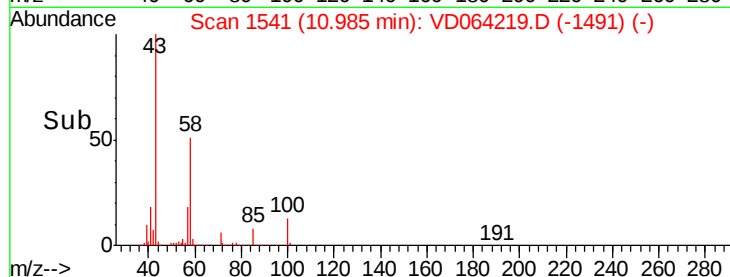
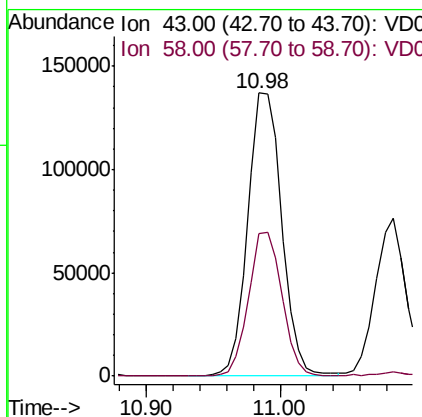
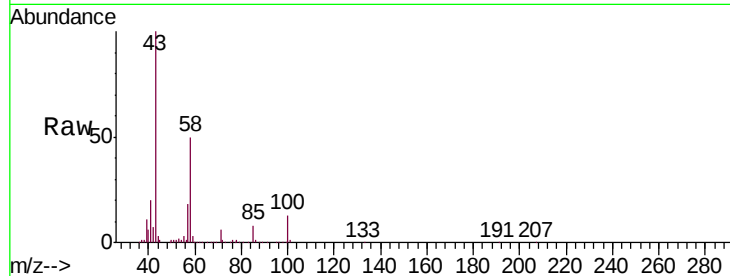




#59  
2-Hexanone  
Concen: 97.476 ug/l  
RT: 10.98 min Scan# 1541  
Delta R.T. -0.01 min  
Lab File: VD064219.D  
Acq: 15 Nov 2019 11:17

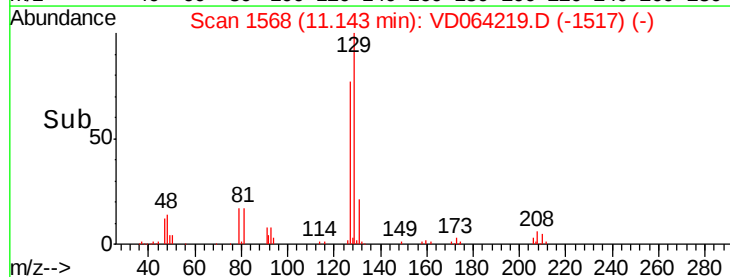
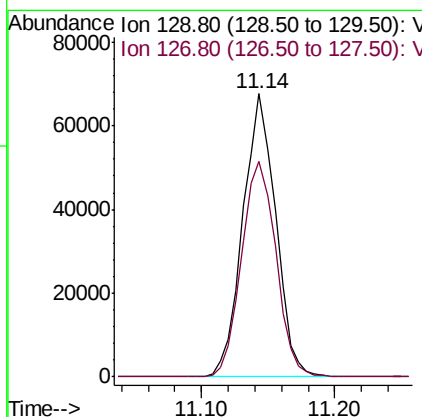
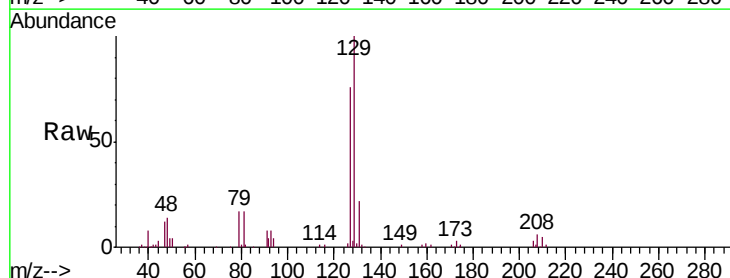
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1115SBS01

Tgt Ion: 43 Resp: 240939  
Ion Ratio Lower Upper  
43 100  
58 50.2 25.9 77.7



#60  
Dibromochloromethane  
Concen: 20.445 ug/l  
RT: 11.14 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VD064219.D  
Acq: 15 Nov 2019 11:17

Tgt Ion: 129 Resp: 114959  
Ion Ratio Lower Upper  
129 100  
127 79.9 38.6 115.8





#61

1,2-Dibromoethane

Concen: 21.240 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VD064219.D

Acq: 15 Nov 2019 11:17

Instrument :

MSVOA\_D

ClientSampleId :

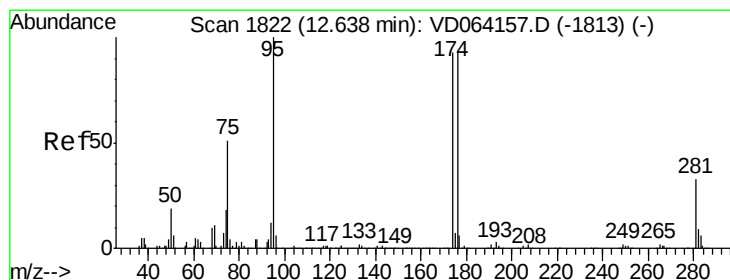
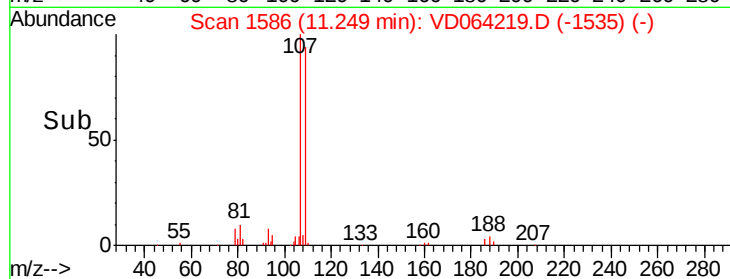
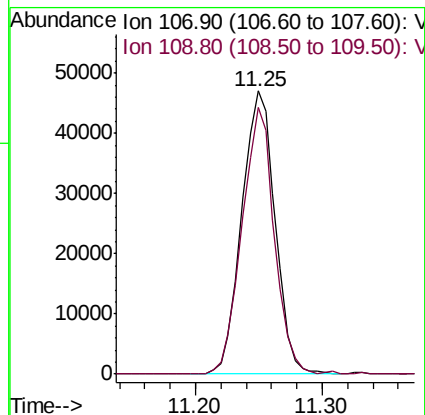
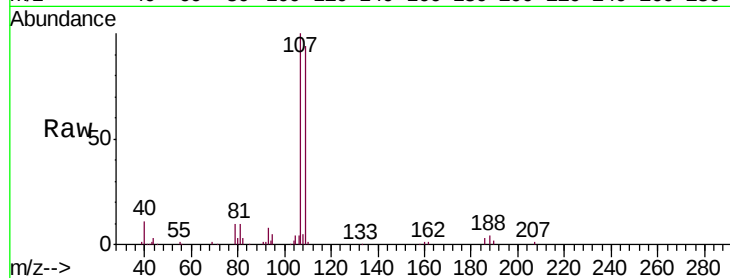
VD1115SBS01

Tgt Ion: 107 Resp: 85723

Ion Ratio Lower Upper

107 100

109 91.0 75.1 112.7



#62

4-Bromofluorobenzene

Concen: 48.894 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064219.D

Acq: 15 Nov 2019 11:17

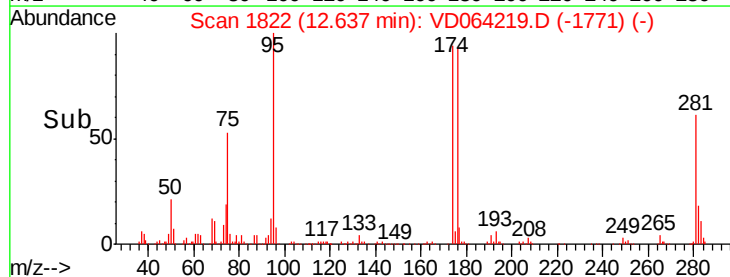
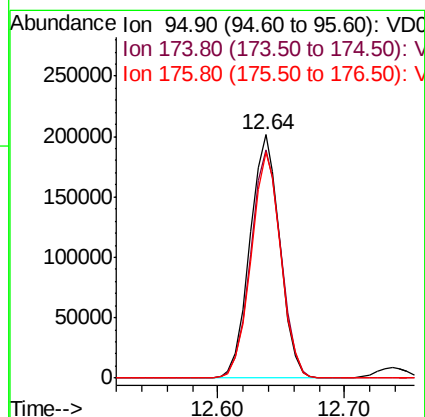
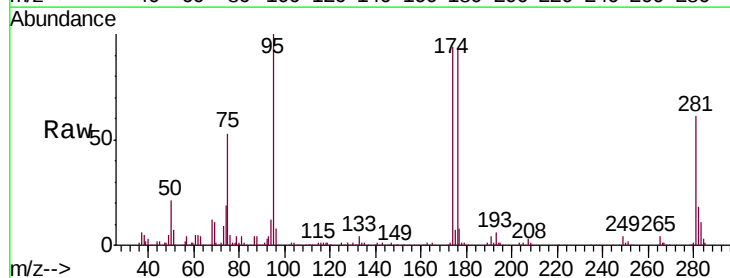
Tgt Ion: 95 Resp: 331369

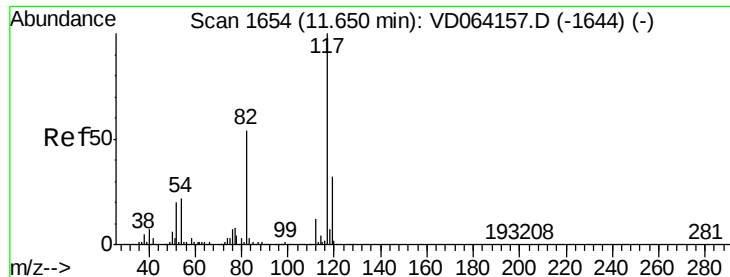
Ion Ratio Lower Upper

95 100

174 94.3 0.0 183.6

176 91.9 0.0 180.2

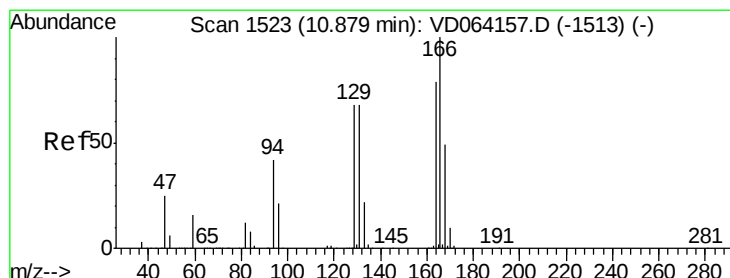
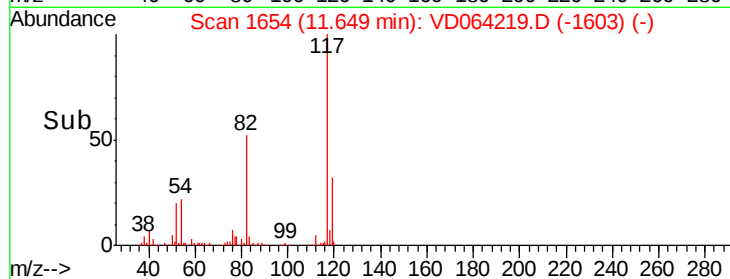
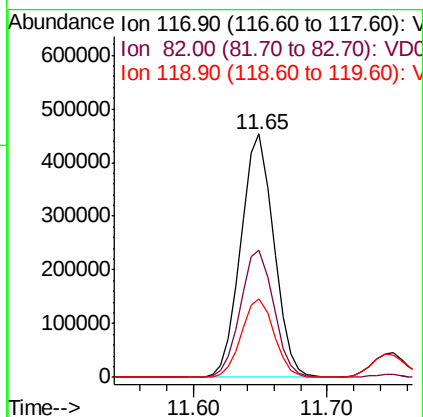
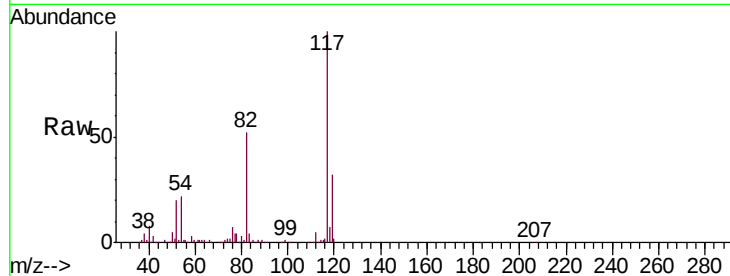




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.65 min Scan# 1654  
Delta R.T. -0.00 min  
Lab File: VD064219.D  
Acq: 15 Nov 2019 11:17

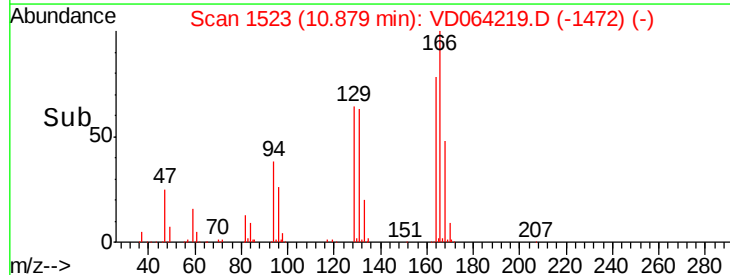
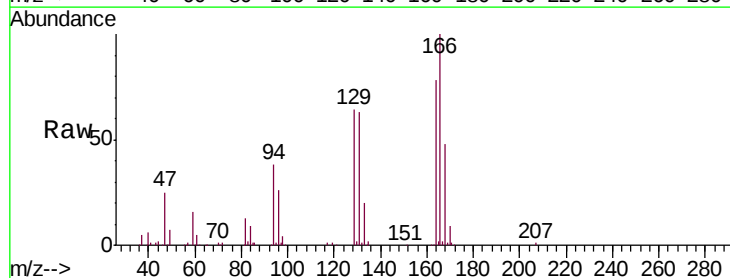
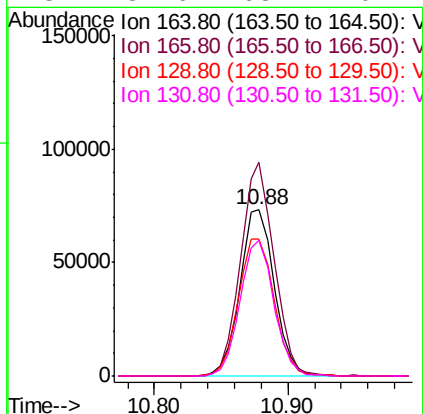
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1115SBS01

Tgt Ion:117 Resp: 778223  
Ion Ratio Lower Upper  
117 100  
82 52.4 42.8 64.2  
119 32.5 25.6 38.4



#64  
Tetrachloroethene  
Concen: 21.790 ug/l  
RT: 10.88 min Scan# 1523  
Delta R.T. -0.00 min  
Lab File: VD064219.D  
Acq: 15 Nov 2019 11:17

Tgt Ion:164 Resp: 130418  
Ion Ratio Lower Upper  
164 100  
166 128.7 100.8 151.2  
129 82.6 68.7 103.1  
131 81.6 68.1 102.1





#65

Chlorobenzene

Concen: 20.608 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. -0.00 min

Lab File: VD064219.D

Acq: 15 Nov 2019 11:17

Instrument :

MSVOA\_D

ClientSampleId :

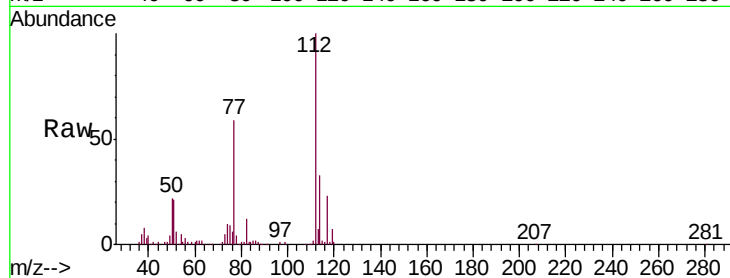
VD1115SBS01

Tgt Ion:112 Resp: 326127

Ion Ratio Lower Upper

112 100

114 32.8 25.2 37.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.67

200000

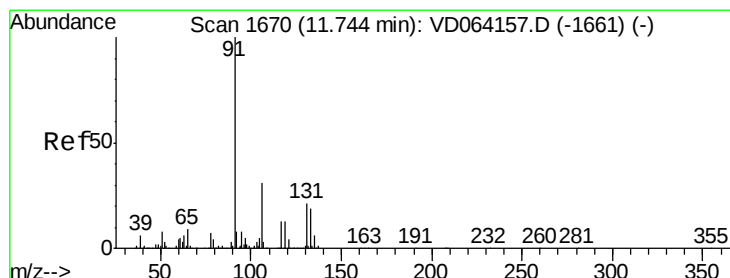
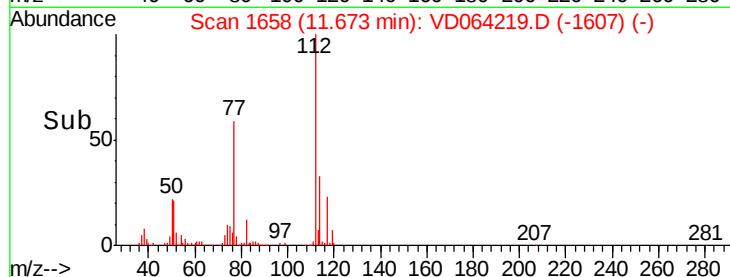
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.510 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD064219.D

Acq: 15 Nov 2019 11:17

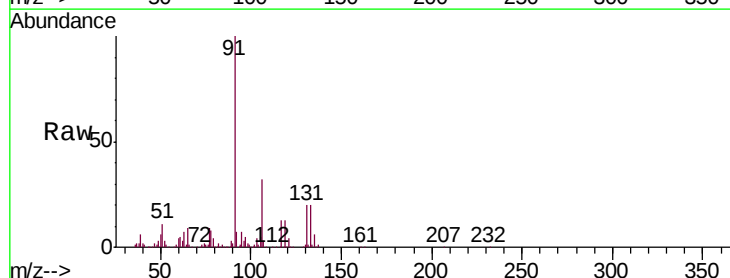
Tgt Ion:131 Resp: 123417

Ion Ratio Lower Upper

131 100

133 94.3 47.3 141.9

119 63.5 31.1 93.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

200000

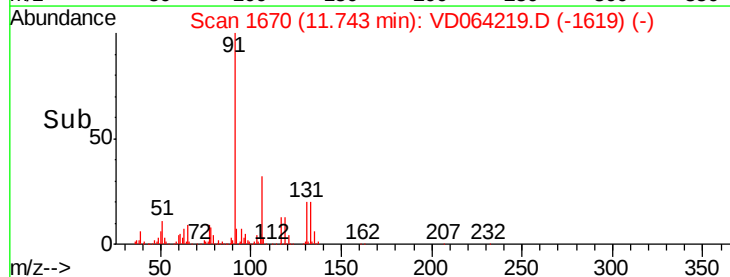
150000

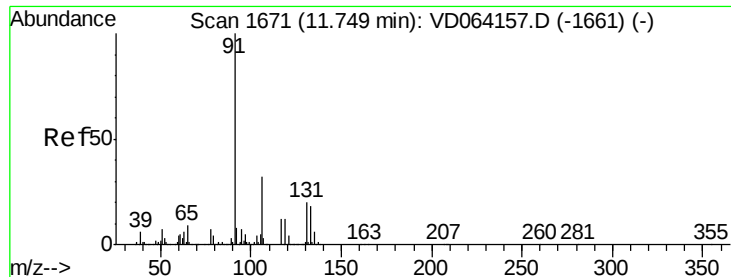
100000

50000

0

Time-->





#67

Ethyl Benzene

Concen: 21.062 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD064219.D

Acq: 15 Nov 2019 11:17

Instrument :

MSVOA\_D

ClientSampleId :

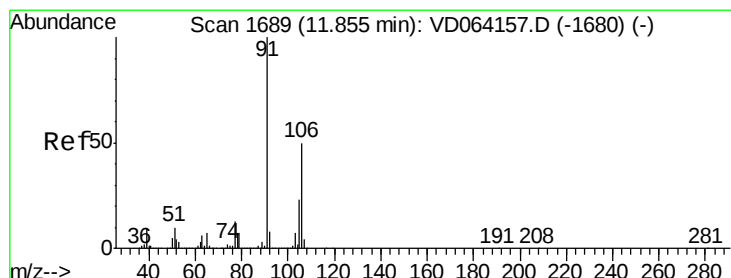
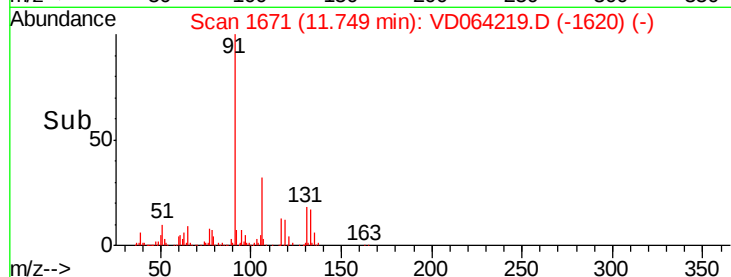
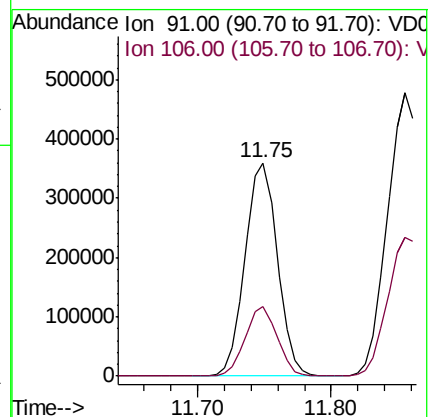
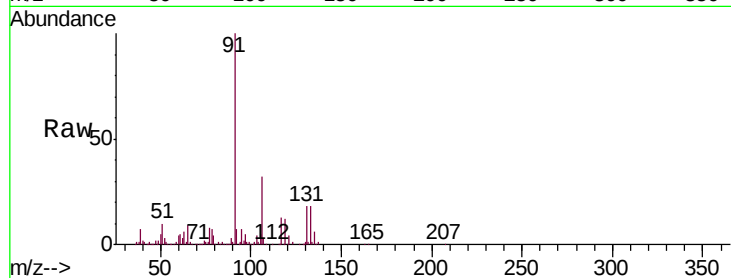
VD1115SBS01

Tgt Ion: 91 Resp: 602900

Ion Ratio Lower Upper

91 100

106 32.4 25.5 38.3



#68

m/p-Xylenes

Concen: 41.737 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD064219.D

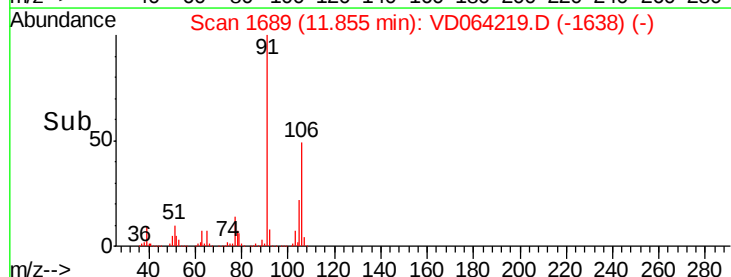
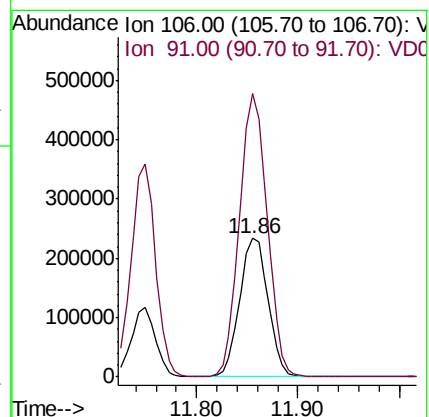
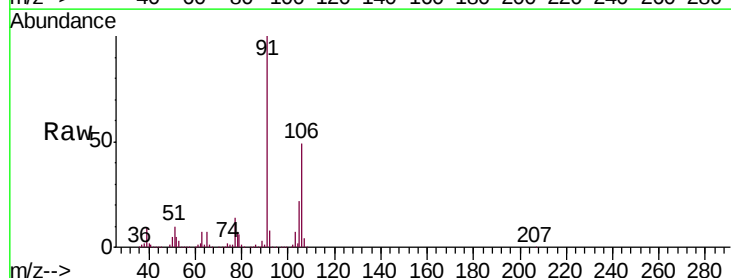
Acq: 15 Nov 2019 11:17

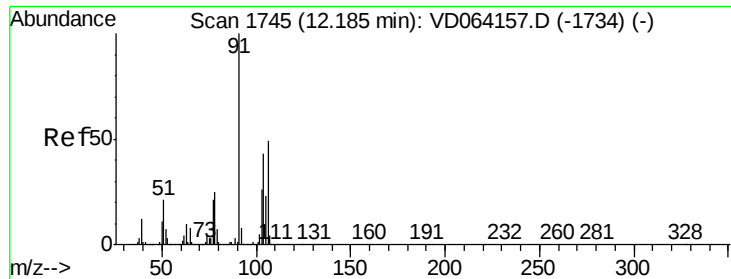
Tgt Ion: 106 Resp: 457939

Ion Ratio Lower Upper

106 100

91 199.6 160.3 240.5

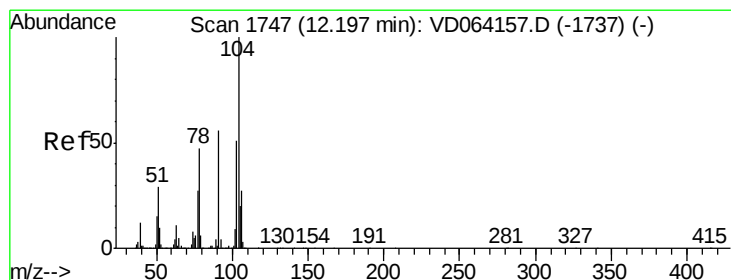
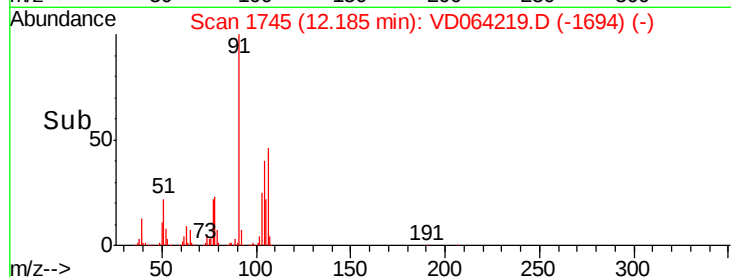
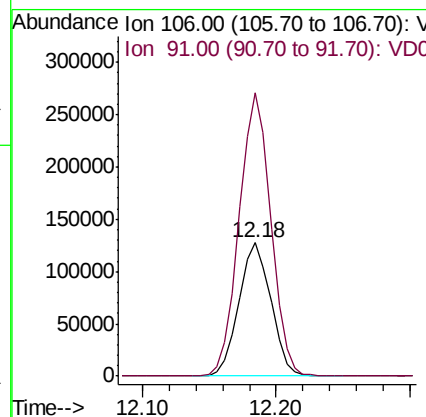
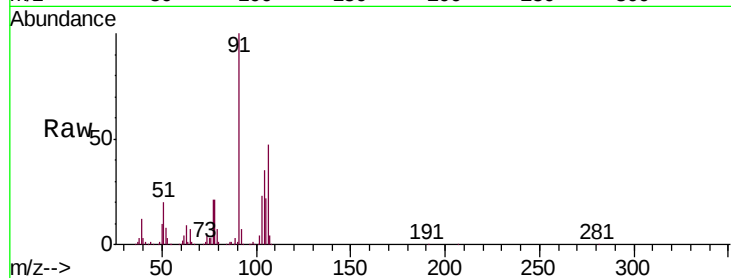




#69  
o-Xylene  
Concen: 20.850 ug/l  
RT: 12.18 min Scan# 1745  
Delta R.T. -0.00 min  
Lab File: VD064219.D  
Acq: 15 Nov 2019 11:17

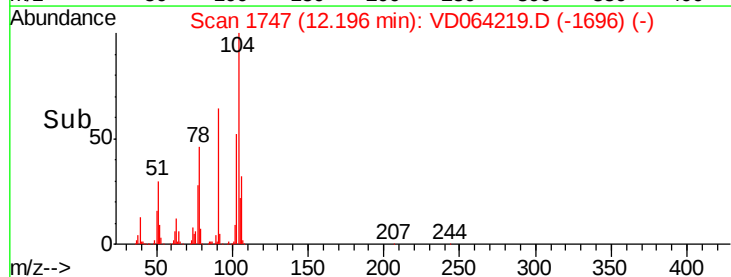
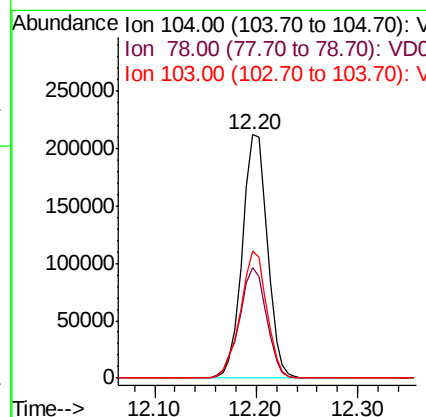
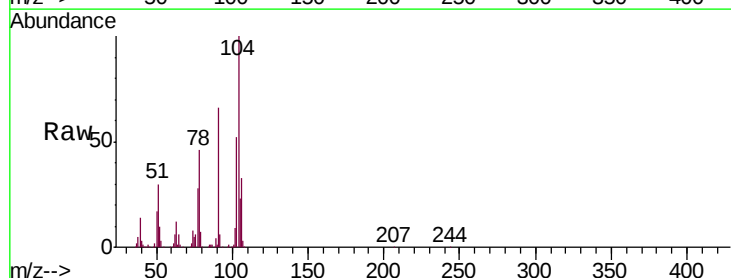
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1115SBS01

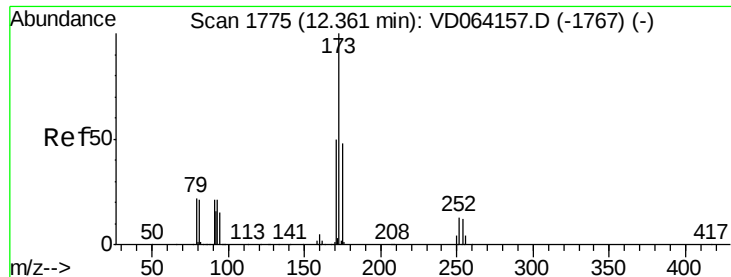
Tgt Ion:106 Resp: 212164  
Ion Ratio Lower Upper  
106 100  
91 210.4 105.1 315.3



#70  
Styrene  
Concen: 20.601 ug/l  
RT: 12.20 min Scan# 1747  
Delta R.T. -0.00 min  
Lab File: VD064219.D  
Acq: 15 Nov 2019 11:17

Tgt Ion:104 Resp: 365922  
Ion Ratio Lower Upper  
104 100  
78 49.1 39.9 59.9  
103 54.7 43.4 65.0

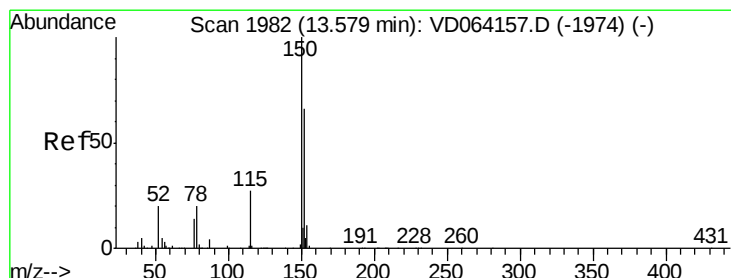
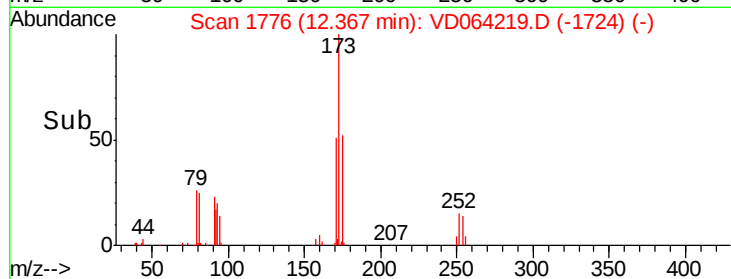
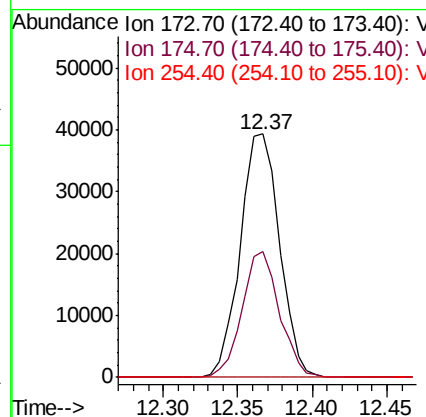
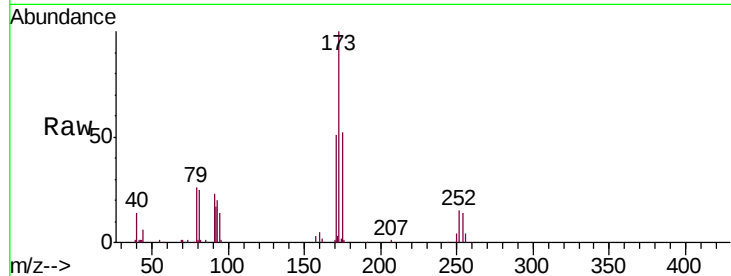




#71  
Bromoform  
Concen: 20.995 ug/l  
RT: 12.37 min Scan# 1776  
Delta R.T. 0.01 min  
Lab File: VD064219.D  
Acq: 15 Nov 2019 11:17

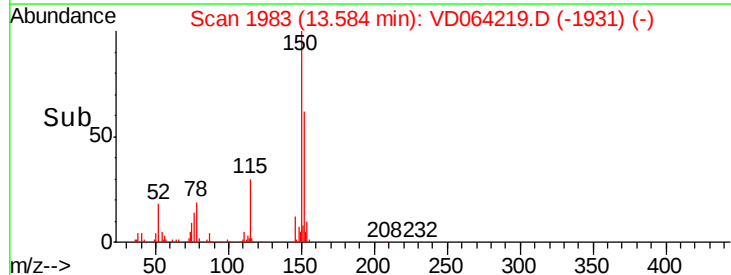
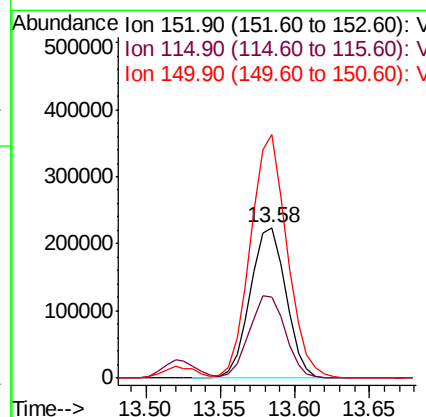
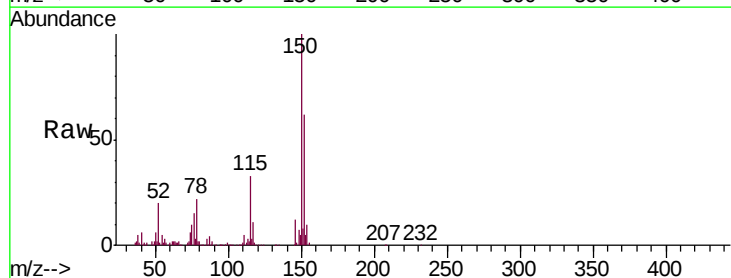
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1115SBS01

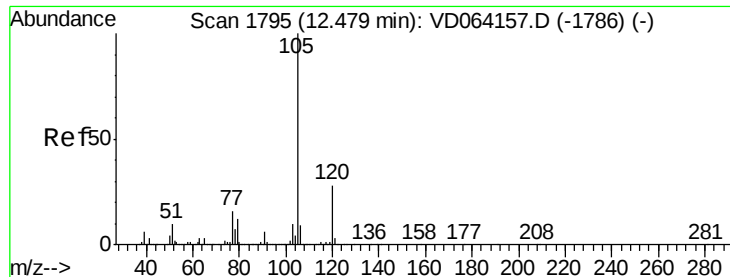
Tgt Ion:173 Resp: 71897  
Ion Ratio Lower Upper  
173 100  
175 49.1 24.1 72.3  
254 0.0 0.2 0.2#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.58 min Scan# 1983  
Delta R.T. 0.01 min  
Lab File: VD064219.D  
Acq: 15 Nov 2019 11:17

Tgt Ion:152 Resp: 371056  
Ion Ratio Lower Upper  
152 100  
115 55.0 27.4 82.2  
150 165.4 0.0 351.6





#73

Isopropylbenzene

Concen: 21.771 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD064219.D

Acq: 15 Nov 2019 11:17

Instrument :

MSVOA\_D

ClientSampleId :

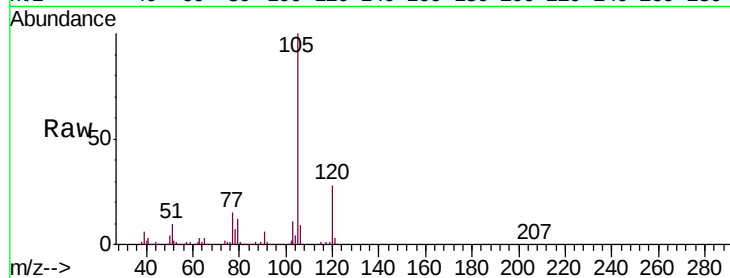
VD1115SBS01

Tgt Ion:105 Resp: 592948

Ion Ratio Lower Upper

105 100

120 26.9 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

400000

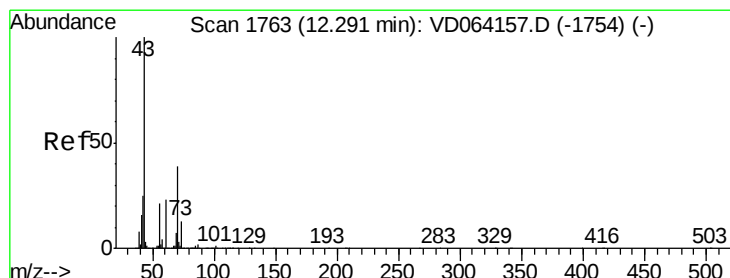
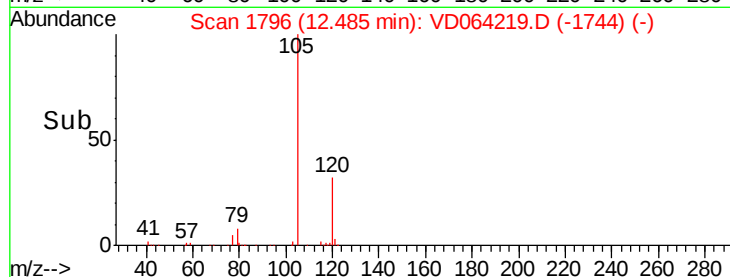
300000

200000

100000

0

Time--> 12.40 12.50 12.60



#74

N-ethyl acetate

Concen: 20.364 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD064219.D

Acq: 15 Nov 2019 11:17

Tgt Ion: 43 Resp: 130974

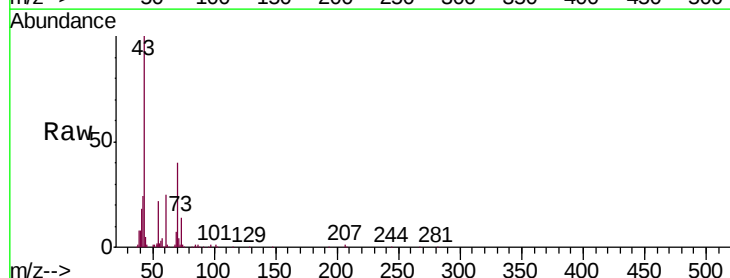
Ion Ratio Lower Upper

43 100

70 40.6 32.4 48.6

55 22.2 17.9 26.9

61 23.4 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

120000

100000

80000

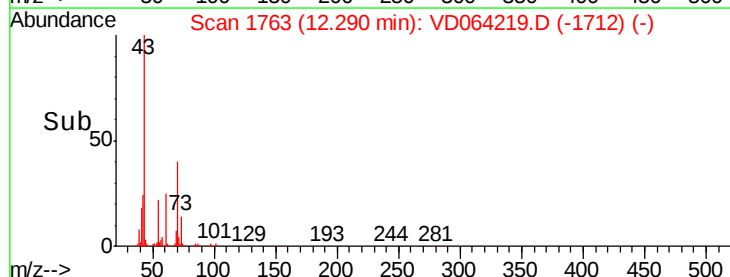
60000

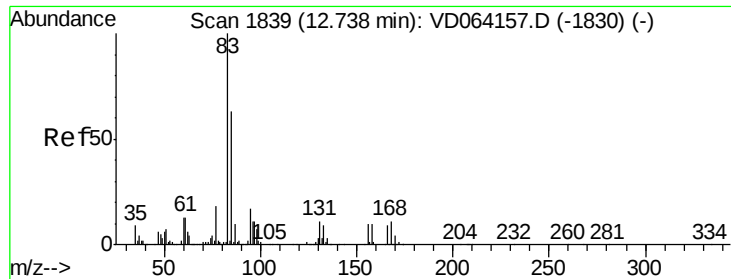
40000

20000

0

Time--> 12.20 12.30





#75

1,1,2,2-Tetrachloroethane

Concen: 22.198 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD064219.D

Acq: 15 Nov 2019 11:17

Instrument :

MSVOA\_D

ClientSampleId :

VD1115SBS01

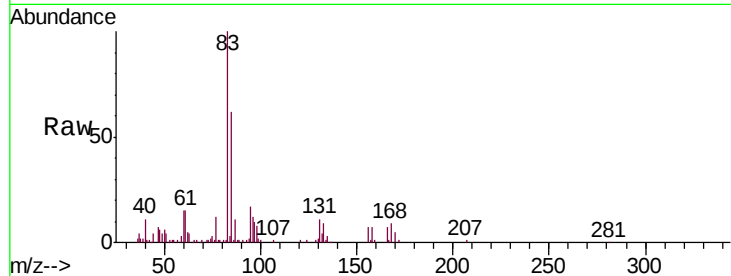
Tgt Ion: 83 Resp: 91098

Ion Ratio Lower Upper

83 100

131 11.6 5.9 17.7

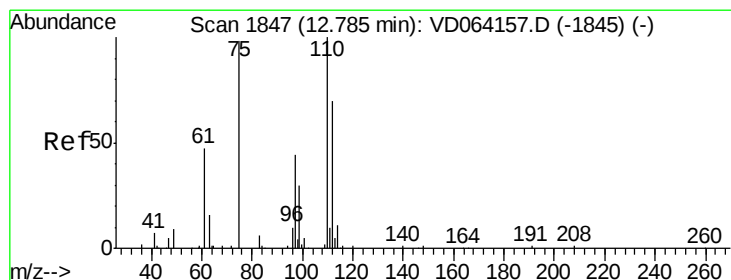
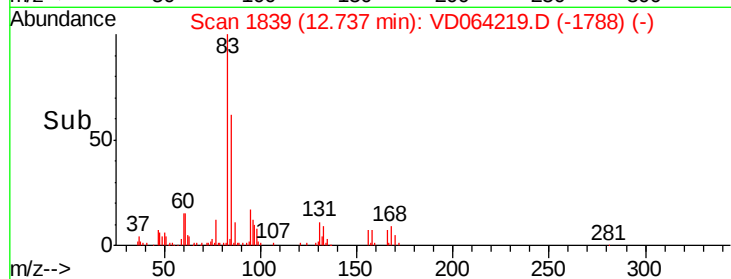
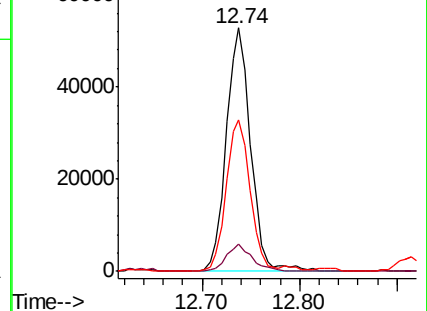
85 61.5 32.5 97.5



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: 40.623 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.01 min

Lab File: VD064219.D

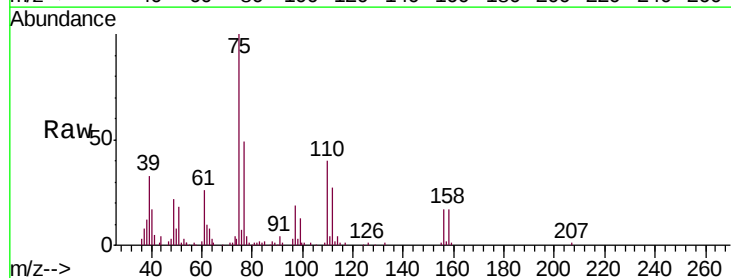
Acq: 15 Nov 2019 11:17

Tgt Ion: 75 Resp: 121412

Ion Ratio Lower Upper

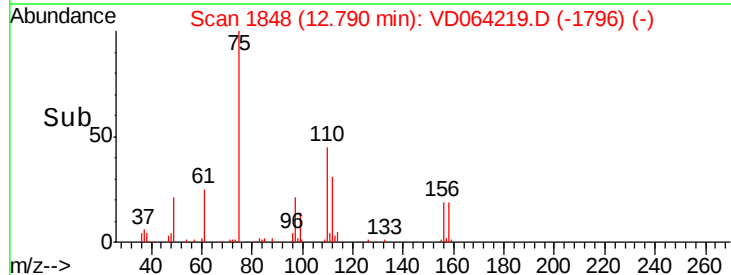
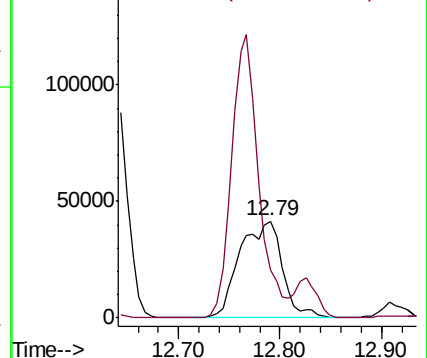
75 100

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: 21.024 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD064219.D

Acq: 15 Nov 2019 11:17

Instrument :

MSVOA\_D

ClientSampleId :

VD1115SBS01

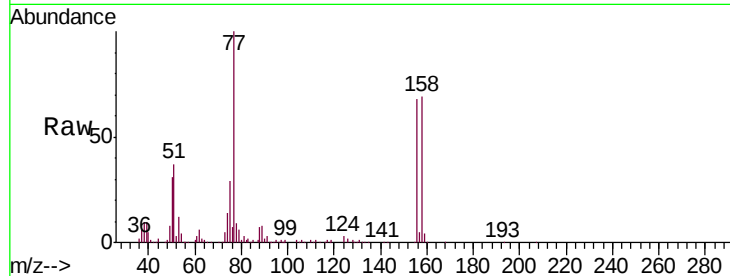
Tgt Ion:156 Resp: 139107

Ion Ratio Lower Upper

156 100

77 162.4 81.2 243.4

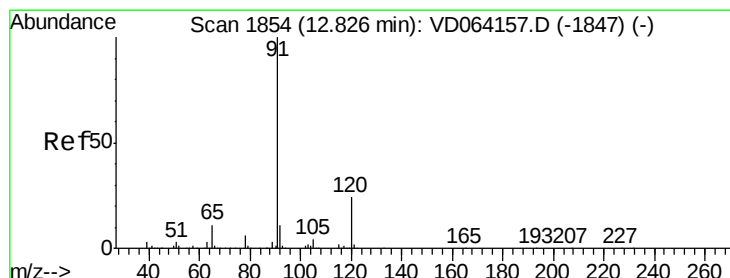
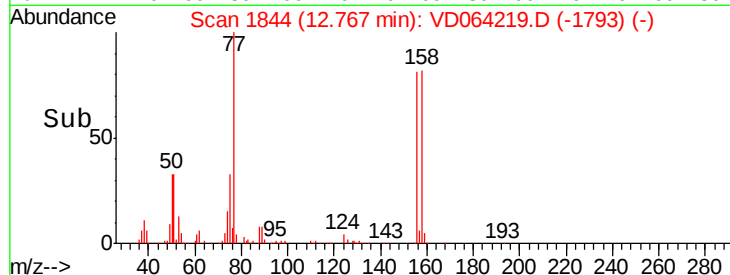
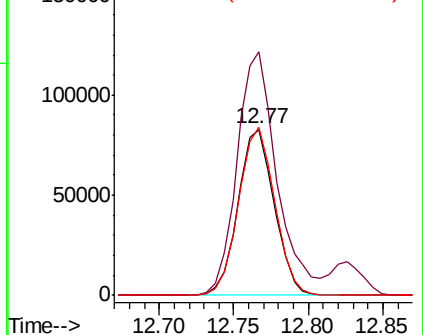
158 101.0 48.4 145.2



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: 21.715 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD064219.D

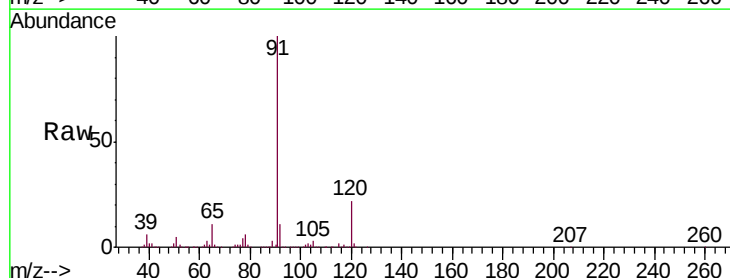
Acq: 15 Nov 2019 11:17

Tgt Ion: 91 Resp: 675689

Ion Ratio Lower Upper

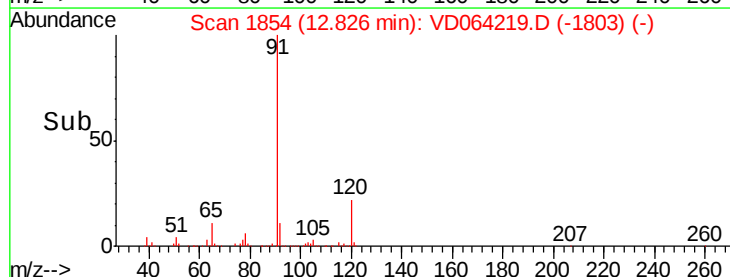
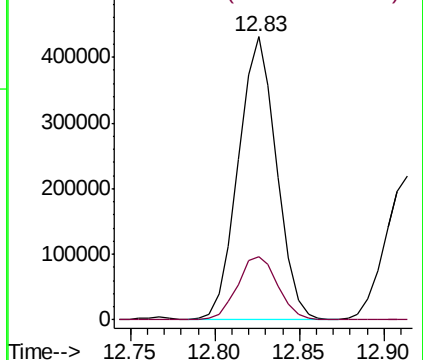
91 100

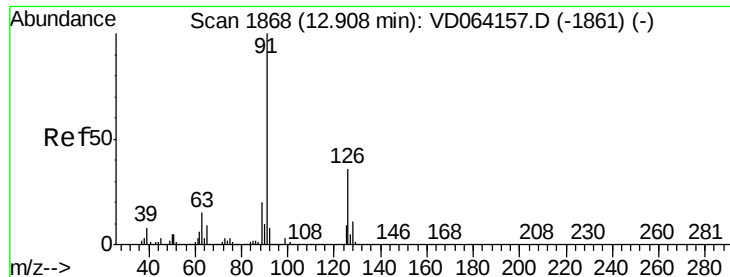
120 23.5 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

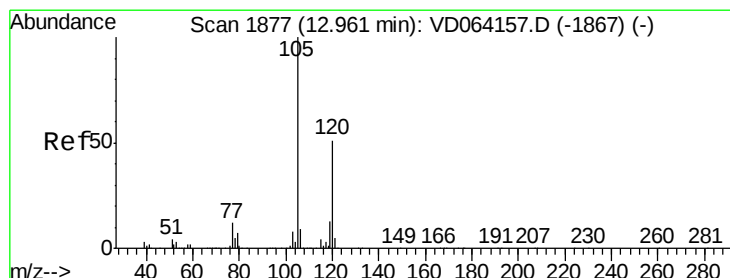
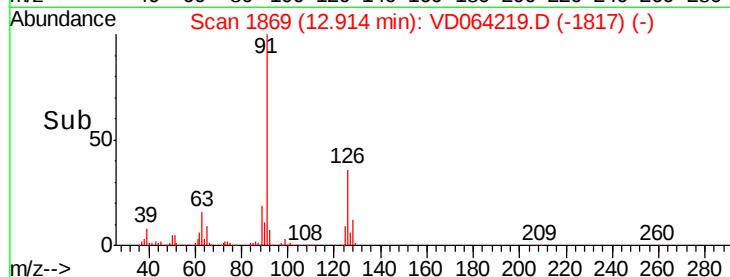
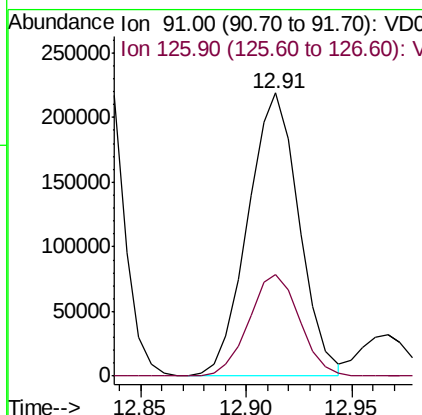
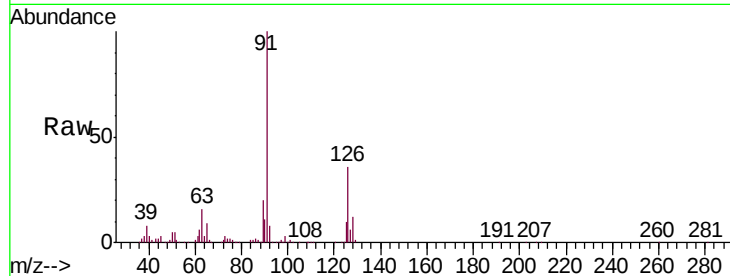




#79  
2-Chlorotoluene  
Concen: 20.929 ug/l  
RT: 12.91 min Scan# 1869  
Delta R.T. 0.01 min  
Lab File: VD064219.D  
Acq: 15 Nov 2019 11:17

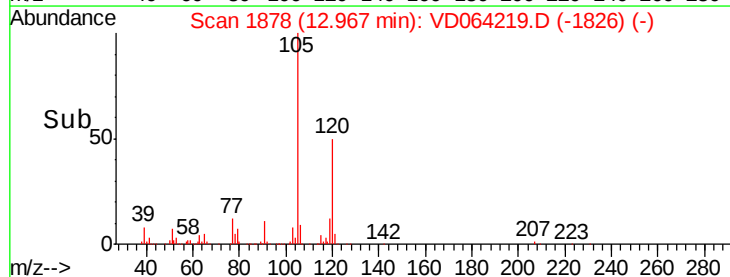
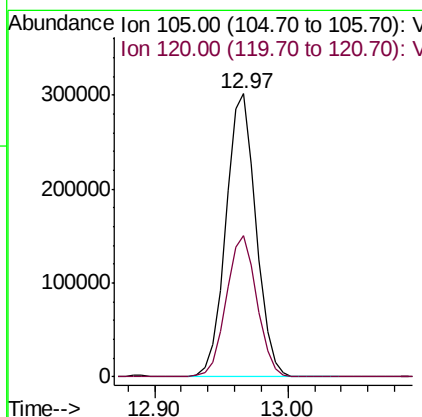
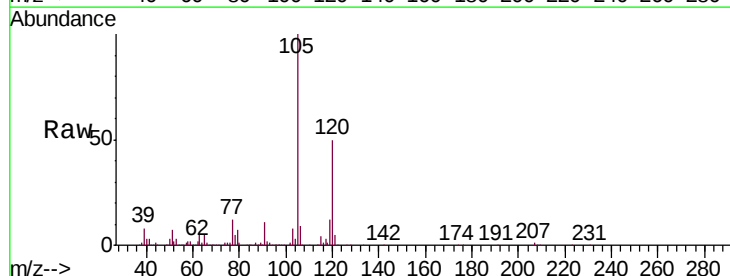
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1115SBS01

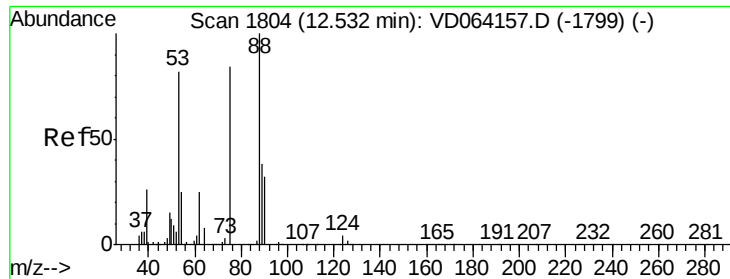
Tgt Ion: 91 Resp: 367679  
Ion Ratio Lower Upper  
91 100  
126 35.8 17.7 53.1



#80  
1,3,5-Trimethylbenzene  
Concen: 21.226 ug/l  
RT: 12.97 min Scan# 1878  
Delta R.T. 0.01 min  
Lab File: VD064219.D  
Acq: 15 Nov 2019 11:17

Tgt Ion: 105 Resp: 475014  
Ion Ratio Lower Upper  
105 100  
120 50.9 25.4 76.4

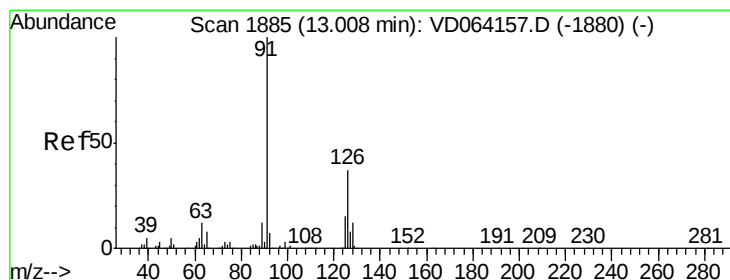
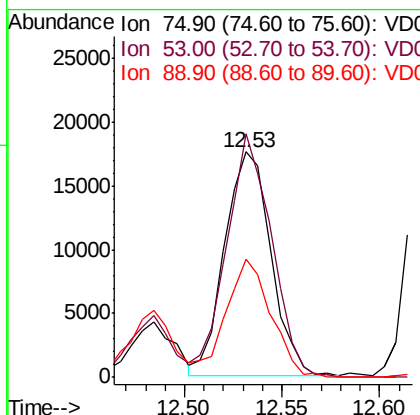
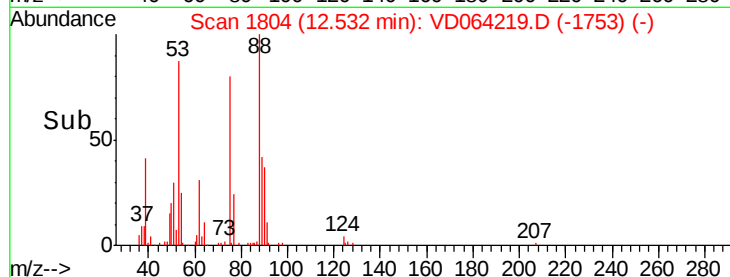
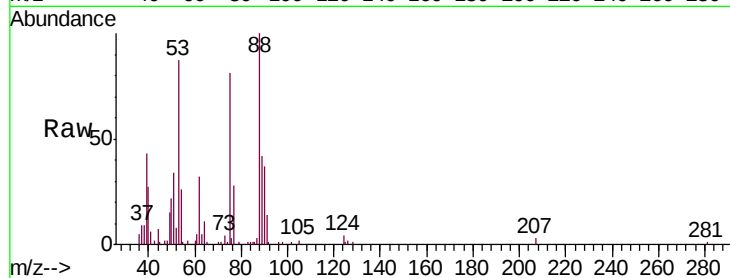




#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.085 ug/l  
RT: 12.53 min Scan# 1804  
Delta R.T. -0.00 min  
Lab File: VD064219.D  
Acq: 15 Nov 2019 11:17

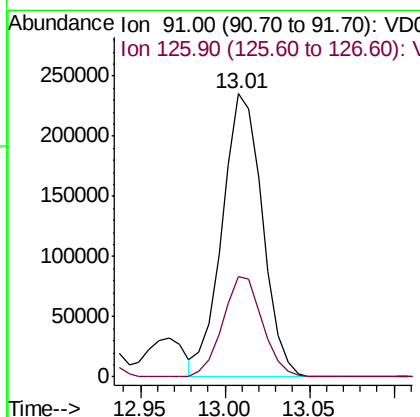
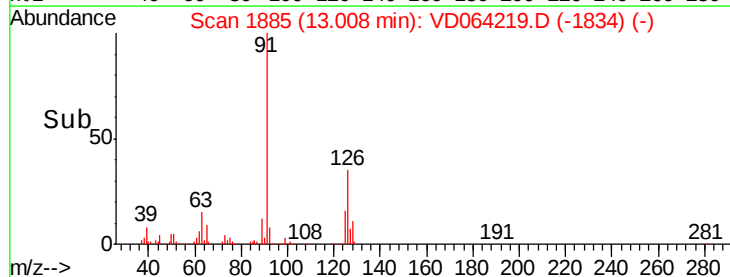
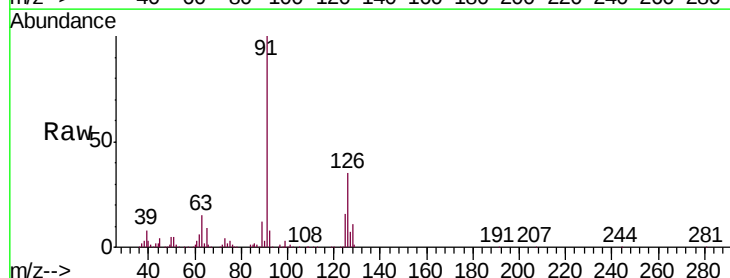
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1115SBS01

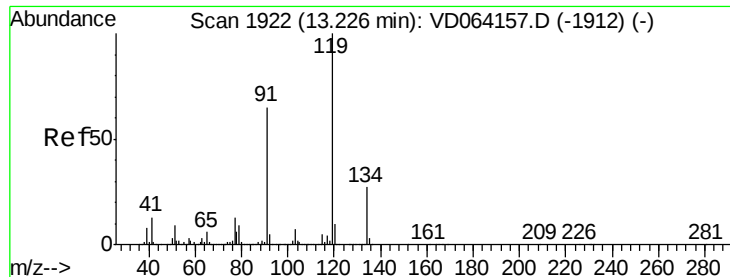
Tgt Ion: 75 Resp: 28716  
Ion Ratio Lower Upper  
75 100  
53 106.3 79.4 119.0  
89 51.9 36.6 55.0



#82  
4-Chlorotoluene  
Concen: 21.166 ug/l  
RT: 13.01 min Scan# 1885  
Delta R.T. -0.00 min  
Lab File: VD064219.D  
Acq: 15 Nov 2019 11:17

Tgt Ion: 91 Resp: 387844  
Ion Ratio Lower Upper  
91 100  
126 35.3 17.8 53.4

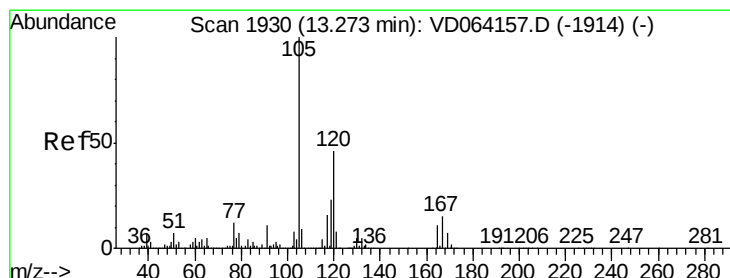
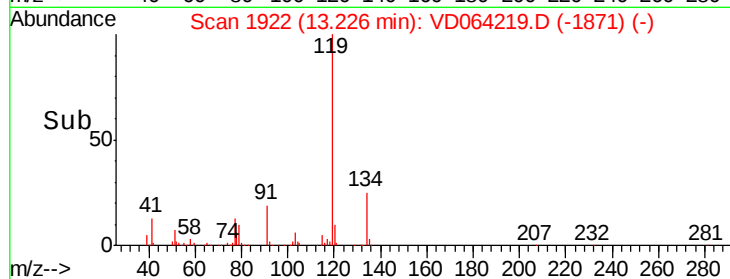
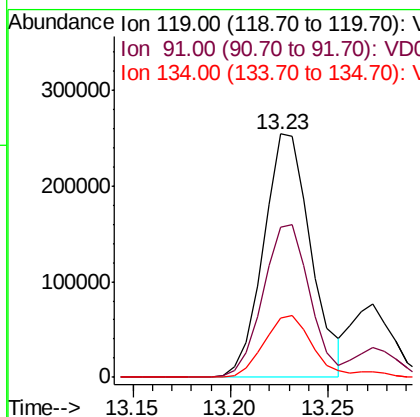
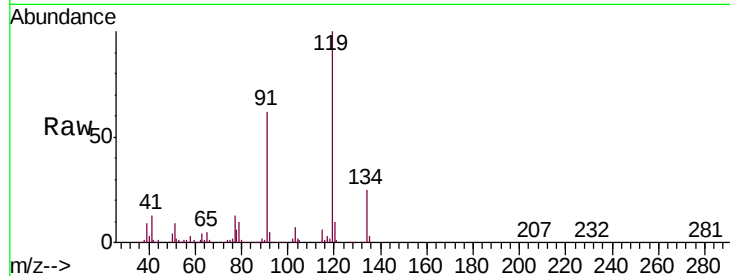




#83  
 tert-Butylbenzene  
 Concen: 21.691 ug/l  
 RT: 13.23 min Scan# 1922  
 Delta R.T. -0.00 min  
 Lab File: VD064219.D  
 Acq: 15 Nov 2019 11:17

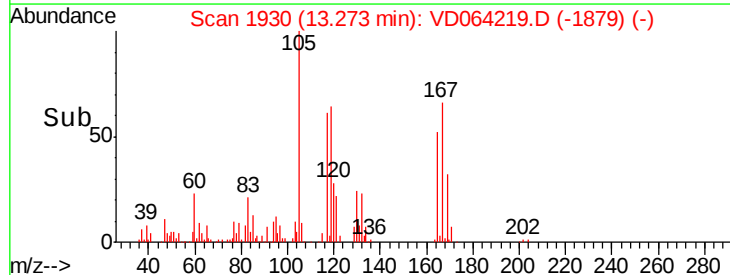
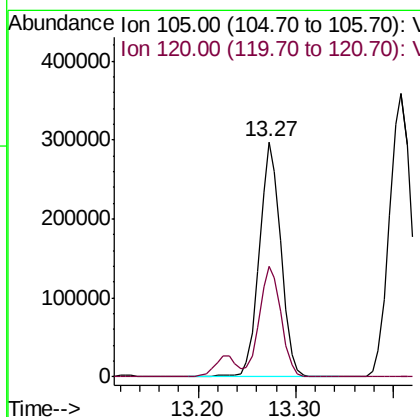
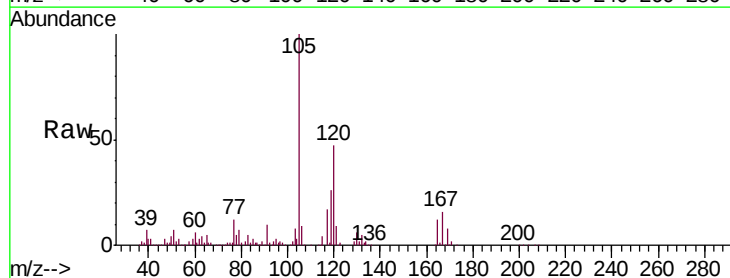
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1115SBS01

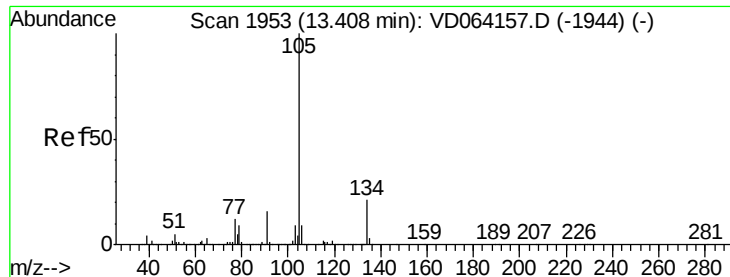
Tgt Ion:119 Resp: 428039  
 Ion Ratio Lower Upper  
 119 100  
 91 61.9 31.8 95.4  
 134 27.4 13.7 41.0



#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.976 ug/l  
 RT: 13.27 min Scan# 1930  
 Delta R.T. -0.00 min  
 Lab File: VD064219.D  
 Acq: 15 Nov 2019 11:17

Tgt Ion:105 Resp: 463445  
 Ion Ratio Lower Upper  
 105 100  
 120 47.5 23.3 69.8

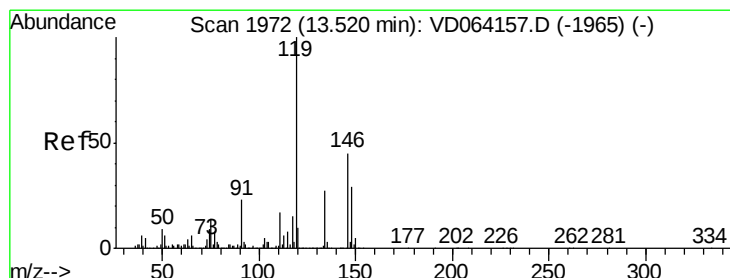
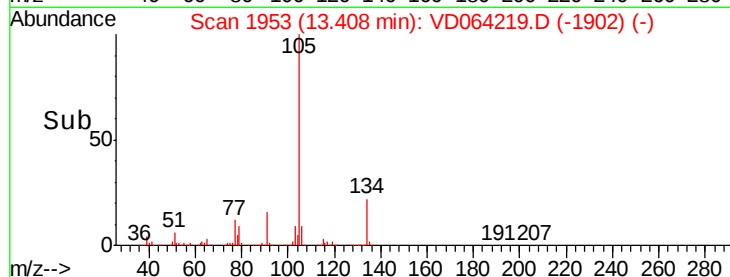
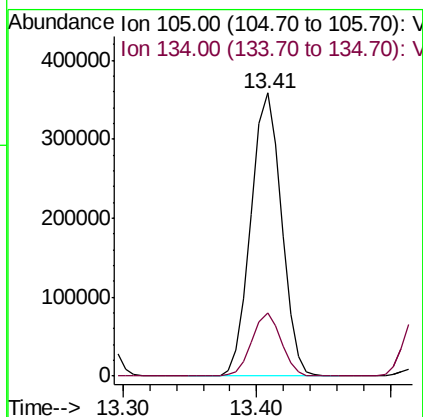
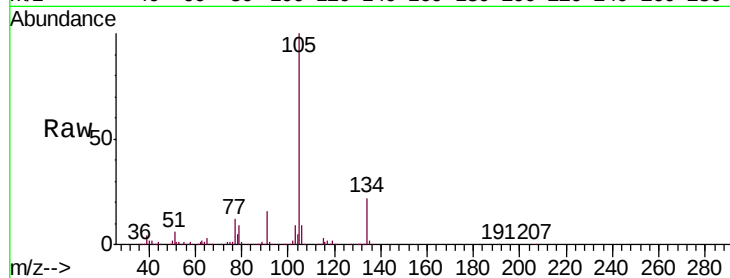




#85  
 sec-Butylbenzene  
 Concen: 21.391 ug/l  
 RT: 13.41 min Scan# 1953  
 Delta R.T. -0.00 min  
 Lab File: VD064219.D  
 Acq: 15 Nov 2019 11:17

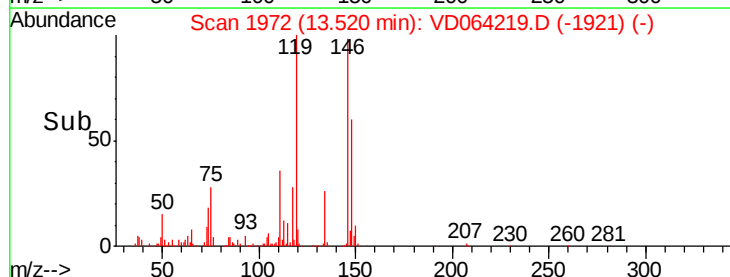
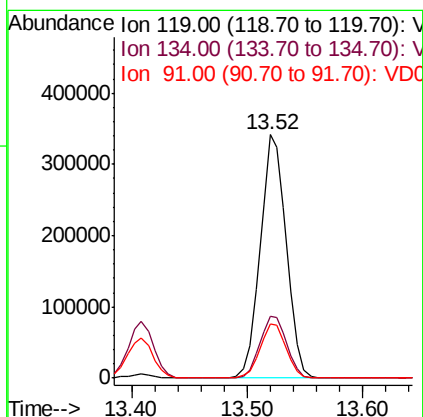
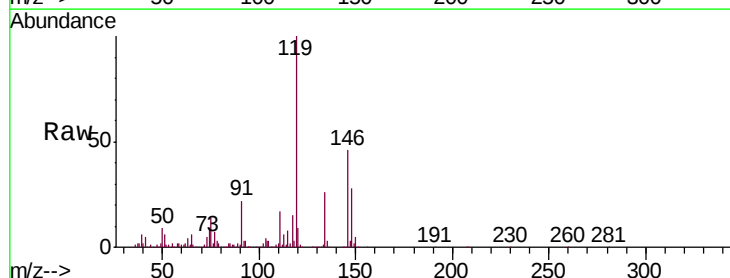
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1115SBS01

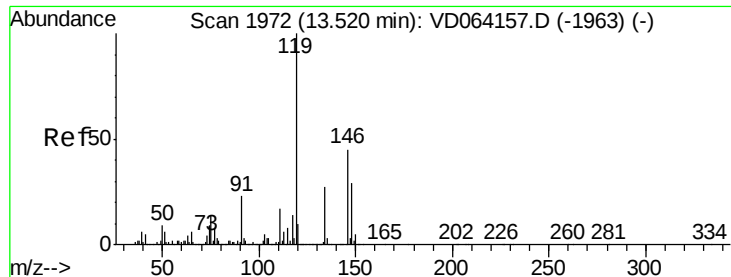
Tgt Ion:105 Resp: 566960  
 Ion Ratio Lower Upper  
 105 100  
 134 21.5 10.7 31.9



#86  
 p-Isopropyltoluene  
 Concen: 21.290 ug/l  
 RT: 13.52 min Scan# 1972  
 Delta R.T. -0.00 min  
 Lab File: VD064219.D  
 Acq: 15 Nov 2019 11:17

Tgt Ion:119 Resp: 536452  
 Ion Ratio Lower Upper  
 119 100  
 134 26.2 13.5 40.5  
 91 22.4 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 21.218 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD064219.D

Acq: 15 Nov 2019 11:17

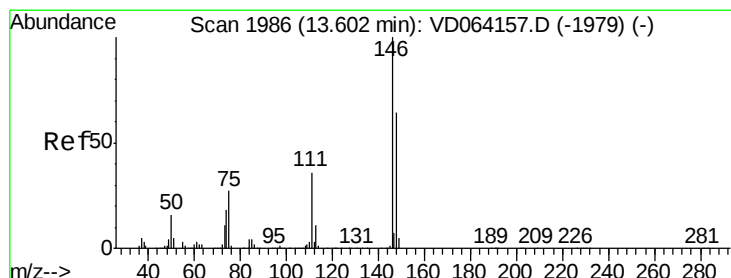
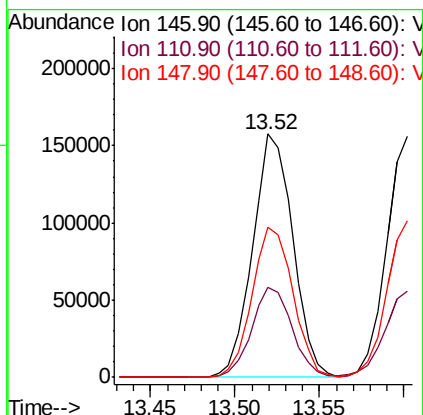
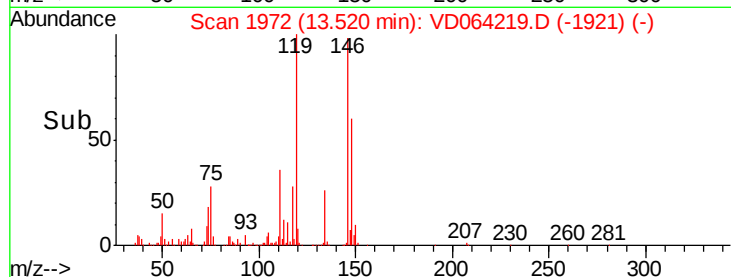
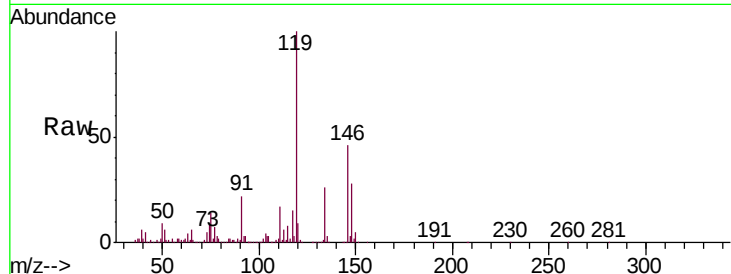
Instrument :

MSVOA\_D

ClientSampleId :

VD1115SBS01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 260609 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 111      | 37.3  | 18.9  | 56.9   |
| 148      | 62.5  | 32.1  | 96.5   |



#88

1,4-Dichlorobenzene

Concen: 21.384 ug/l

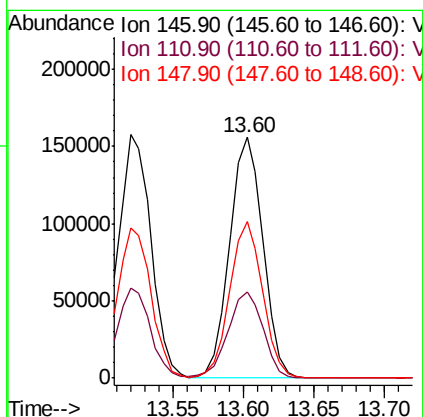
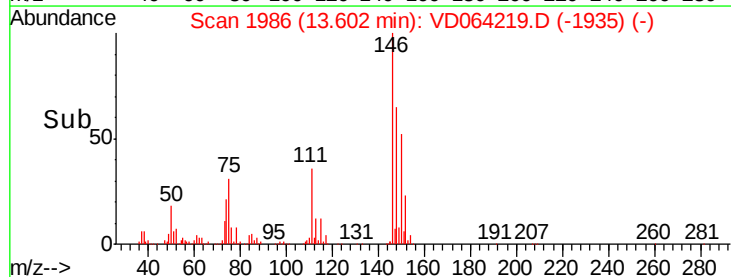
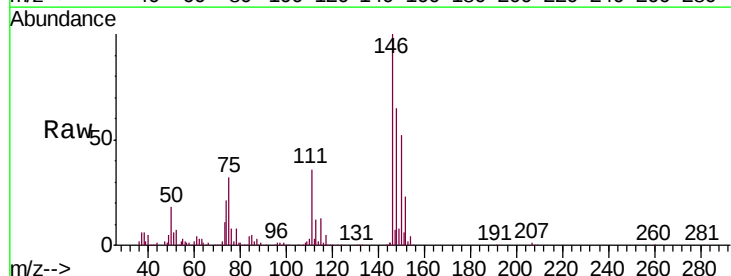
RT: 13.60 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VD064219.D

Acq: 15 Nov 2019 11:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 256339 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 111      | 37.6  | 18.1  | 54.4   |
| 148      | 64.1  | 31.9  | 95.7   |

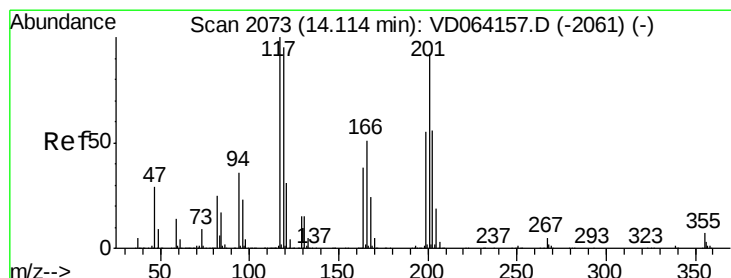
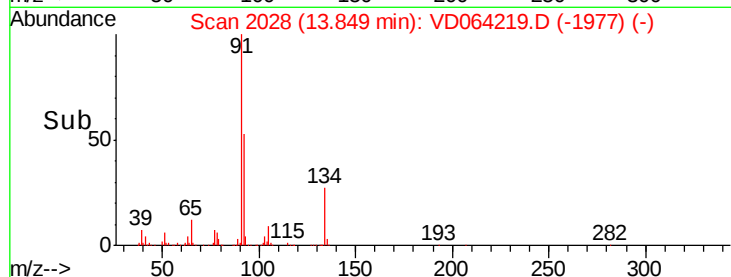
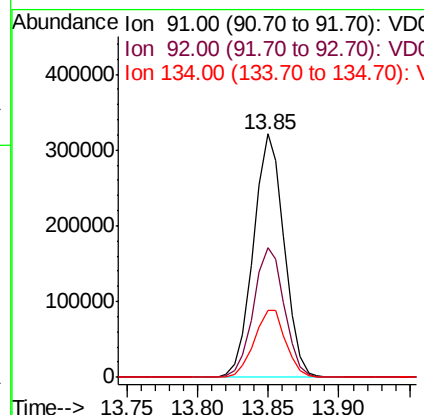
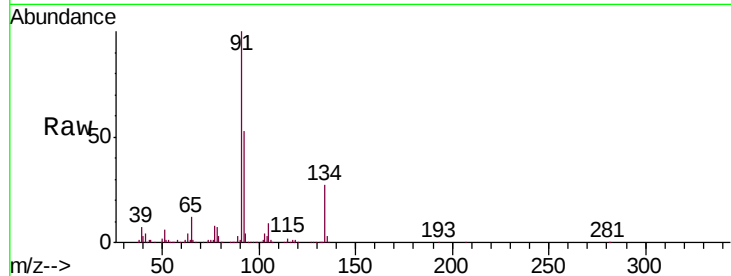




#89  
n-Butylbenzene  
Concen: 21.569 ug/l  
RT: 13.85 min Scan# 2028  
Delta R.T. -0.00 min  
Lab File: VD064219.D  
Acq: 15 Nov 2019 11:17

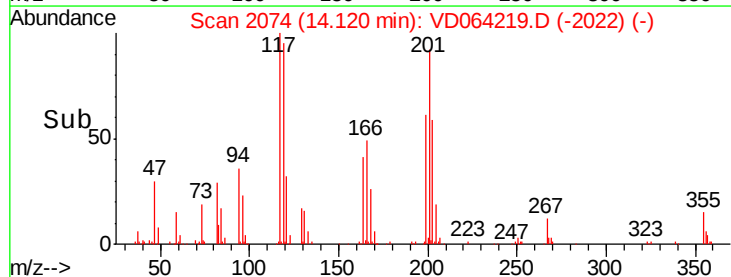
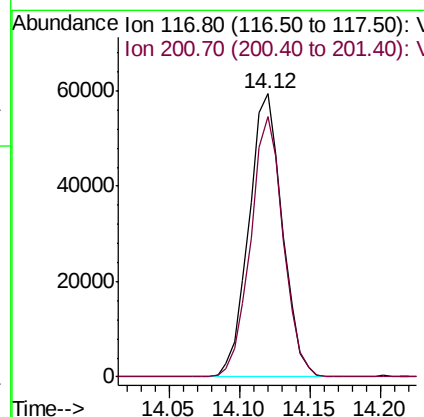
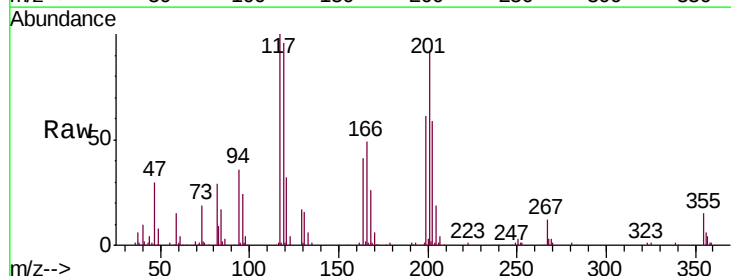
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1115SBS01

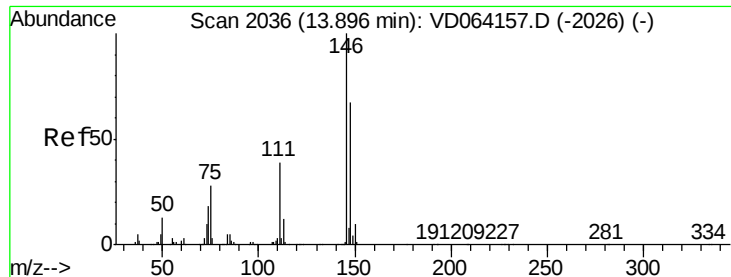
Tgt Ion: 91 Resp: 490999  
Ion Ratio Lower Upper  
91 100  
92 53.4 27.3 81.8  
134 28.2 14.1 42.4



#90  
Hexachloroethane  
Concen: 21.335 ug/l  
RT: 14.12 min Scan# 2074  
Delta R.T. 0.01 min  
Lab File: VD064219.D  
Acq: 15 Nov 2019 11:17

Tgt Ion: 117 Resp: 99350  
Ion Ratio Lower Upper  
117 100  
201 89.4 45.8 137.4

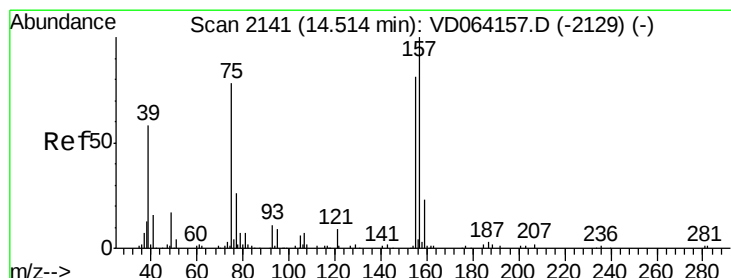
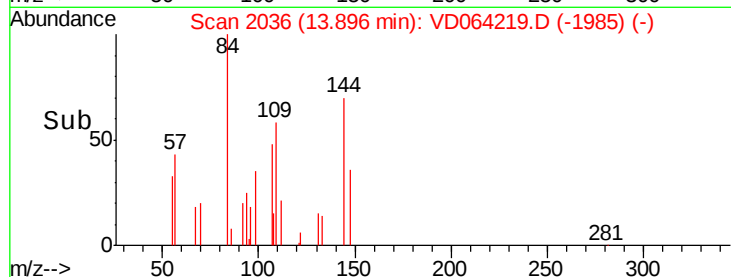
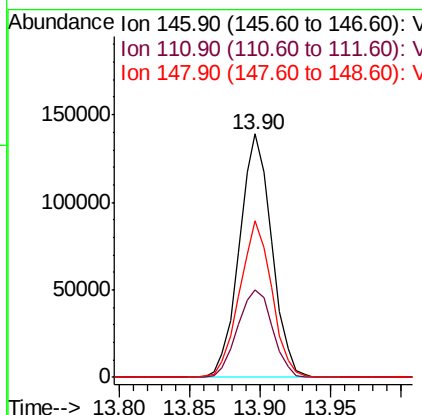
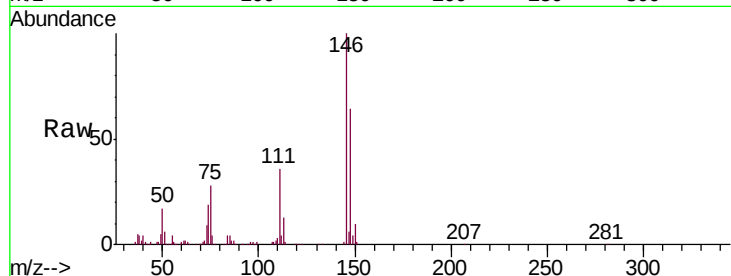




#91  
 1,2-Dichlorobenzene  
 Concen: 21.477 ug/l  
 RT: 13.90 min Scan# 2036  
 Delta R.T. -0.00 min  
 Lab File: VD064219.D  
 Acq: 15 Nov 2019 11:17

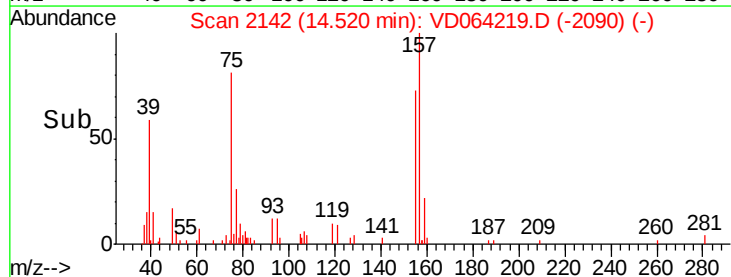
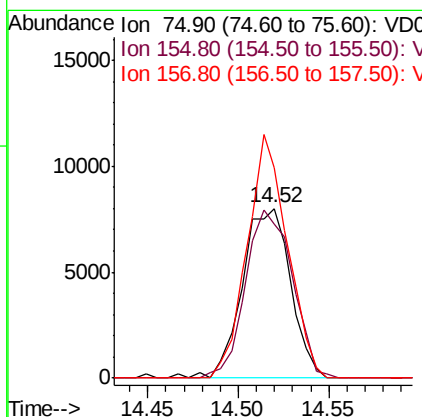
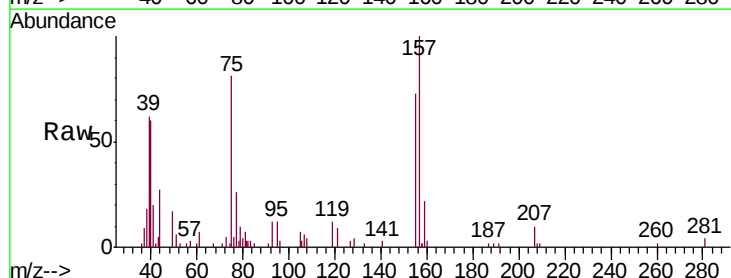
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1115SBS01

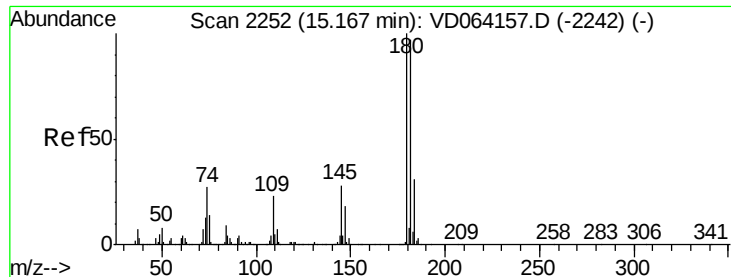
Tgt Ion: 146 Resp: 223270  
 Ion Ratio Lower Upper  
 146 100  
 111 38.8 19.7 59.0  
 148 64.0 32.3 96.8



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 20.053 ug/l  
 RT: 14.52 min Scan# 2142  
 Delta R.T. 0.01 min  
 Lab File: VD064219.D  
 Acq: 15 Nov 2019 11:17

Tgt Ion: 75 Resp: 14714  
 Ion Ratio Lower Upper  
 75 100  
 155 97.3 48.0 144.0  
 157 120.7 61.5 184.4

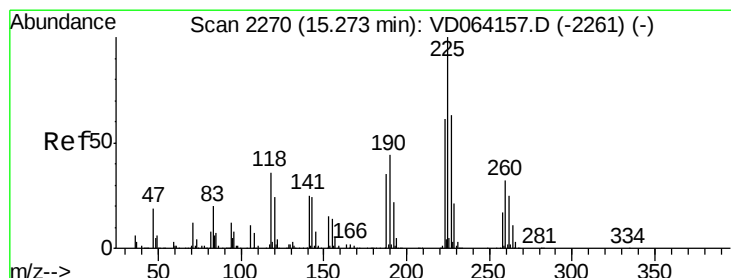
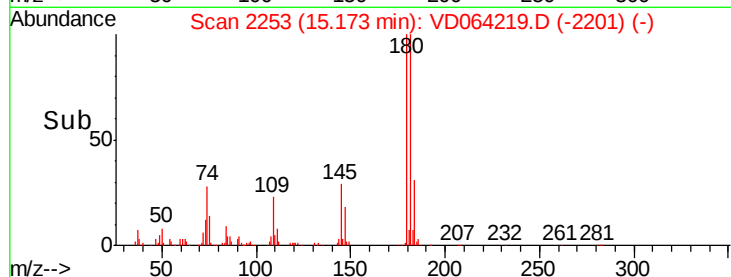
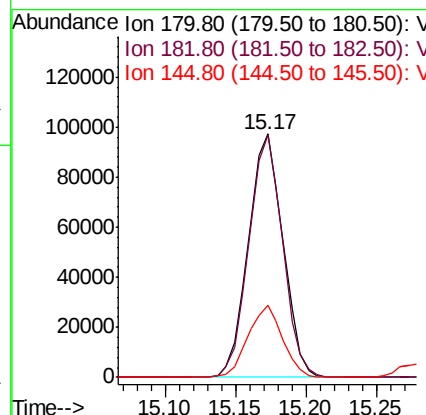
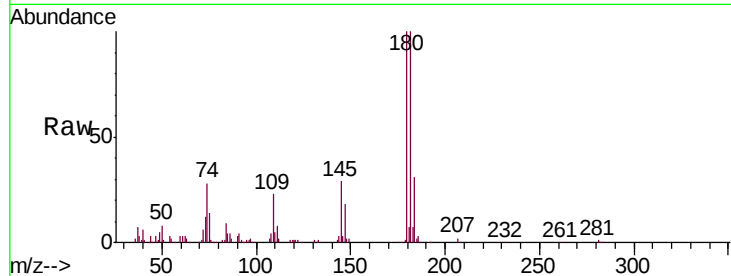




#93  
 1,2,4-Trichlorobenzene  
 Concen: 20.860 ug/l  
 RT: 15.17 min Scan# 2253  
 Delta R.T. 0.01 min  
 Lab File: VD064219.D  
 Acq: 15 Nov 2019 11:17

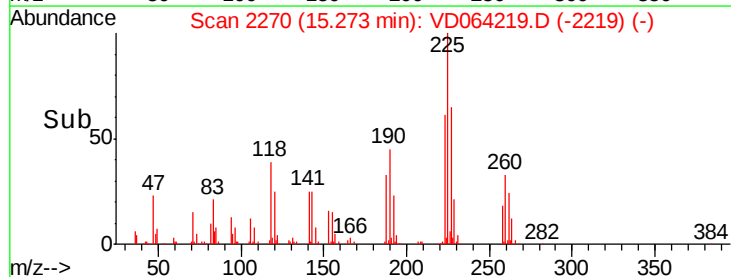
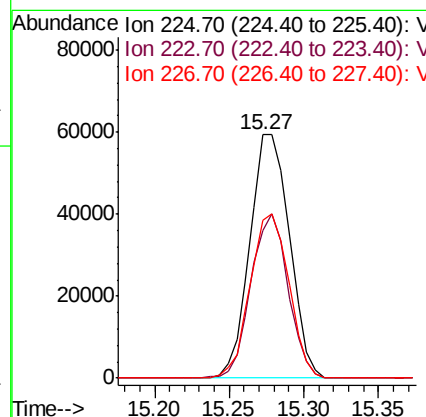
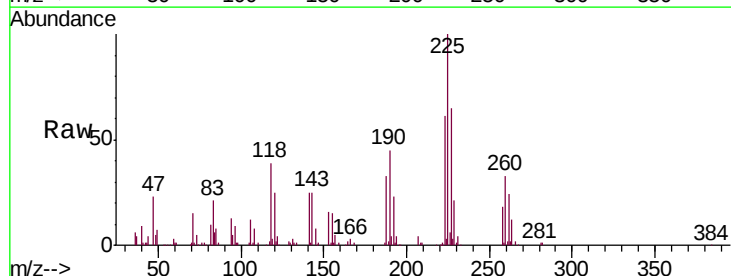
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1115SBS01

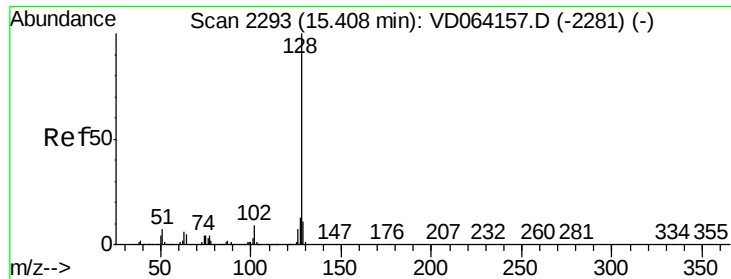
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.4  | 47.5  | 142.5 |
| 145     | 29.3  | 14.2  | 42.6  |



#94  
 Hexachlorobutadiene  
 Concen: 21.082 ug/l  
 RT: 15.27 min Scan# 2270  
 Delta R.T. -0.00 min  
 Lab File: VD064219.D  
 Acq: 15 Nov 2019 11:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.1  | 31.1  | 93.3  |
| 227     | 65.8  | 31.5  | 94.5  |

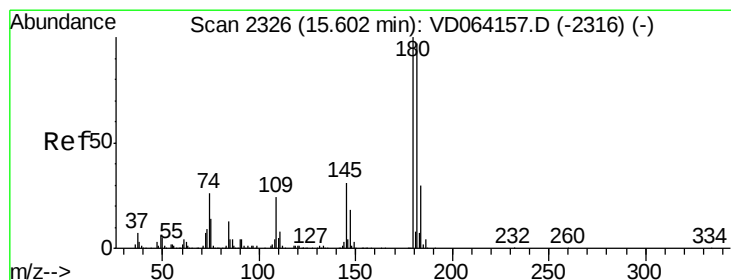
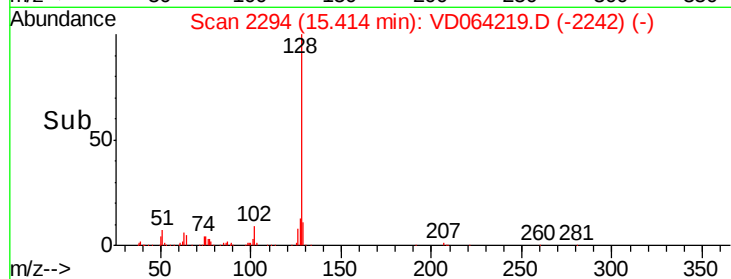
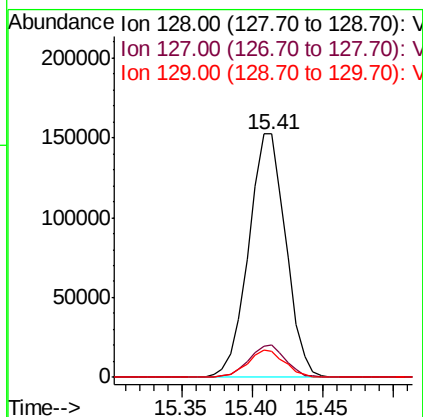
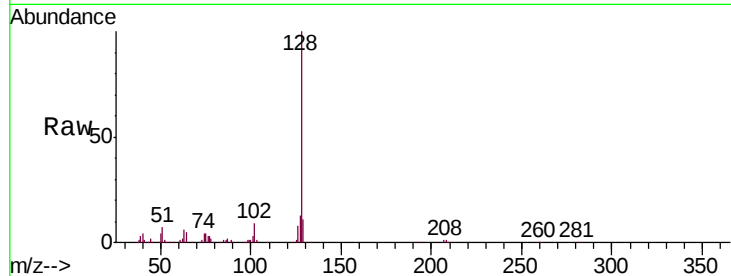




#95  
Naphthalene  
Concen: 21.492 ug/l  
RT: 15.41 min Scan# 2294  
Delta R.T. 0.01 min  
Lab File: VD064219.D  
Acq: 15 Nov 2019 11:17

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1115SBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.1  | 10.5  | 15.7  |
| 129     | 10.9  | 8.6   | 13.0  |



#96  
1,2,3-Trichlorobenzene  
Concen: 21.209 ug/l  
RT: 15.61 min Scan# 2327  
Delta R.T. 0.01 min  
Lab File: VD064219.D  
Acq: 15 Nov 2019 11:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.5  | 48.3  | 144.9 |
| 145     | 30.4  | 15.3  | 45.8  |

