

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112519\  
 Data File : VD064352.D  
 Acq On : 25 Nov 2019 10:50  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Nov 26 05:33:16 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      | 7.99  | 168  | 576806   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.87  | 114  | 801577   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.65 | 117  | 686086   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 342511   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.33   | 65  | 225796   | 47.60 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 95.20%  |      |
| 35) Dibromofluoromethane  | 7.91   | 113 | 232769   | 50.59 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.18% |      |
| 50) Toluene-d8            | 10.34  | 98  | 874727   | 50.39 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.78% |      |
| 62) 4-Bromofluorobenzene  | 12.64  | 95  | 282649   | 47.02 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 94.04%  |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.99 | 85  | 196645  | 41.106  | ug/l | 98     |
| 3) Chloromethane              | 2.21 | 50  | 246995  | 48.135  | ug/l | 100    |
| 4) Vinyl Chloride             | 2.35 | 62  | 320132  | 58.341  | ug/l | 97     |
| 5) Bromomethane               | 2.77 | 94  | 215080  | 62.073  | ug/l | 97     |
| 6) Chloroethane               | 2.92 | 64  | 219400  | 62.574  | ug/l | 99     |
| 7) Trichlorofluoromethane     | 3.27 | 101 | 557664  | 62.684  | ug/l | 95     |
| 8) Diethyl Ether              | 3.70 | 74  | 120038  | 49.072  | ug/l | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.08 | 101 | 271017  | 53.299  | ug/l | 97     |
| 10) Methyl Iodide             | 4.29 | 142 | 293796  | 50.591  | ug/l | 99     |
| 11) Tert butyl alcohol        | 5.26 | 59  | 73363   | 221.413 | ug/l | 98     |
| 12) 1,1-Dichloroethene        | 4.06 | 96  | 248686  | 51.310  | ug/l | 97     |
| 13) Acrolein                  | 3.92 | 56  | 77195   | 275.396 | ug/l | 98     |
| 14) Allyl chloride            | 4.70 | 41  | 410742  | 47.930  | ug/l | 95     |
| 15) Acrylonitrile             | 5.43 | 53  | 265815  | 254.896 | ug/l | 98     |
| 16) Acetone                   | 4.17 | 43  | 322891  | 287.313 | ug/l | 99     |
| 17) Carbon Disulfide          | 4.40 | 76  | 697494  | 46.210  | ug/l | 98     |
| 18) Methyl Acetate            | 4.72 | 43  | 151303  | 48.203  | ug/l | 98     |
| 19) Methyl tert-butyl Ether   | 5.49 | 73  | 570493  | 49.306  | ug/l | 96     |
| 20) Methylene Chloride        | 4.96 | 84  | 257358  | 45.335  | ug/l | 98     |
| 21) trans-1,2-Dichloroethene  | 5.47 | 96  | 277327  | 50.504  | ug/l | 97     |
| 22) Diisopropyl ether         | 6.37 | 45  | 799247  | 50.267  | ug/l | 99     |
| 23) Vinyl Acetate             | 6.31 | 43  | 2258678 | 254.840 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 6.26 | 63  | 477091  | 51.678  | ug/l | 99     |
| 25) 2-Butanone                | 7.22 | 43  | 367384  | 253.032 | ug/l | 97     |
| 26) 2,2-Dichloropropane       | 7.20 | 77  | 459983  | 50.806  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 7.21 | 96  | 304447  | 51.700  | ug/l | 97     |
| 28) Bromochloromethane        | 7.54 | 49  | 176448  | 54.897  | ug/l | 100    |
| 29) Tetrahydrofuran           | 7.57 | 42  | 211396  | 242.330 | ug/l | 98     |
| 30) Chloroform                | 7.71 | 83  | 500512  | 53.001  | ug/l | 100    |
| 31) Cyclohexane               | 7.99 | 56  | 444371  | 47.727  | ug/l | 98     |
| 32) 1,1,1-Trichloroethane     | 7.90 | 97  | 473403  | 52.354  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 8.11 | 75  | 391600  | 52.934  | ug/l | 99     |
| 37) Ethyl Acetate             | 7.30 | 43  | 149144  | 47.822  | ug/l | 98     |
| 38) Carbon Tetrachloride      | 8.10 | 117 | 436037  | 55.084  | ug/l | 95     |

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 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Nov 26 05:33:16 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   | 485246   | 51.837   | ug/l   | 97       |
| 40) Benzene                    | 8.35  | 78   | 1068267  | 52.836   | ug/l   | 96       |
| 41) Methacrylonitrile          | 7.53  | 41   | 95108    | 48.519   | ug/l   | 92       |
| 42) 1,2-Dichloroethane         | 8.43  | 62   | 308081   | 50.734   | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.46  | 43   | 313135   | 48.730   | ug/l   | 99       |
| 44) Trichloroethene            | 9.11  | 130  | 320416   | 52.802   | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 9.39  | 63   | 259160   | 52.663   | ug/l   | 99       |
| 46) Dibromomethane             | 9.47  | 93   | 139657   | 53.010   | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.66  | 83   | 380474   | 53.614   | ug/l   | 94       |
| 48) Methyl methacrylate        | 9.46  | 41   | 142095   | 45.222   | ug/l   | 95       |
| 49) 1,4-Dioxane                | 9.47  | 88   | 33424    | 1056.351 | ug/l   | 92       |
| 51) 4-Methyl-2-Pentanone       | 10.23 | 43   | 768403   | 249.359  | ug/l   | 99       |
| 52) Toluene                    | 10.40 | 92   | 701274   | 52.748   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.63 | 75   | 359134   | 50.514   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 10.09 | 75   | 425827   | 51.328   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.80 | 97   | 189490   | 53.019   | ug/l   | 97       |
| 56) Ethyl methacrylate         | 10.66 | 69   | 249937   | 49.992   | ug/l   | 94       |
| 57) 1,3-Dichloropropane        | 10.95 | 76   | 323105   | 51.838   | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 9.94  | 63   | 477685   | 235.873  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.99 | 43   | 570634   | 260.287  | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.14 | 129  | 259650   | 52.065   | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.25 | 107  | 187583   | 52.402   | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.88 | 164  | 273147   | 51.765   | ug/l   | 97       |
| 65) Chlorobenzene              | 11.67 | 112  | 736410   | 52.783   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.75 | 131  | 284376   | 53.605   | ug/l   | 100      |
| 67) Ethyl Benzene              | 11.75 | 91   | 1369191  | 54.255   | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.86 | 106  | 1040922  | 107.611  | ug/l   | 100      |
| 69) o-Xylene                   | 12.18 | 106  | 477062   | 53.177   | ug/l   | 100      |
| 70) Styrene                    | 12.20 | 104  | 838819   | 53.565   | ug/l   | 99       |
| 71) Bromoform                  | 12.37 | 173  | 157883   | 52.295   | ug/l   | 99       |
| 73) Isopropylbenzene           | 12.48 | 105  | 1328859  | 52.858   | ug/l   | 99       |
| 74) N-amyl acetate             | 12.29 | 43   | 281368   | 47.394   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.74 | 83   | 194605   | 51.372   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.79 | 75   | 268249   | 97.233   | ug/l # | 100      |
| 77) Bromobenzene               | 12.77 | 156  | 314384   | 51.474   | ug/l   | 99       |
| 78) n-propylbenzene            | 12.83 | 91   | 1560687  | 54.336   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.91 | 91   | 839023   | 51.739   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.97 | 105  | 1092731  | 52.897   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.53 | 75   | 68064    | 49.007   | ug/l   | 99       |
| 82) 4-Chlorotoluene            | 13.01 | 91   | 875954   | 51.788   | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.23 | 119  | 963054   | 52.870   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.27 | 105  | 1084371  | 53.170   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.41 | 105  | 1322666  | 54.063   | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.53 | 119  | 1255688  | 53.987   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.53 | 146  | 603827   | 53.259   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.60 | 146  | 589168   | 53.245   | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.86 | 91   | 1139646  | 54.235   | ug/l   | 99       |
| 90) Hexachloroethane           | 14.12 | 117  | 231746   | 53.913   | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 13.90 | 146  | 510276   | 53.175   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.52 | 75   | 30704    | 45.333   | ug/l   | 96       |

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Operator : VA/SY  
Sample : VSTDCCC050  
Misc : 5.00G/5.00ml/MSVOA D/SOIL  
ALS Vial : 2 Sample Multiplier: 1

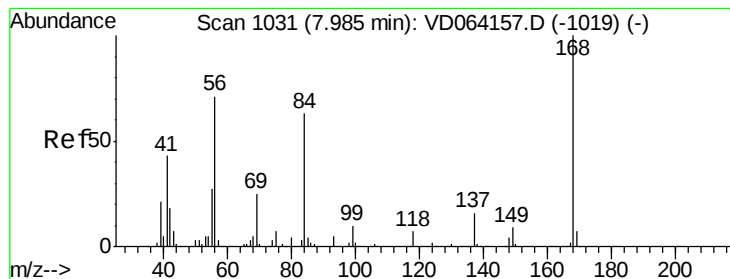
Instrument :  
MSVOA\_D  
ClientSampleId :

Quant Time: Nov 26 05:33:16 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  | 391617   | 52.903 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.28 | 225  | 258897   | 54.147 | ug/l  | 99       |
| 95) Naphthalene            | 15.41 | 128  | 624040   | 51.426 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.61 | 180  | 335319   | 53.289 | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064352.D

Acq: 25 Nov 2019 10:50

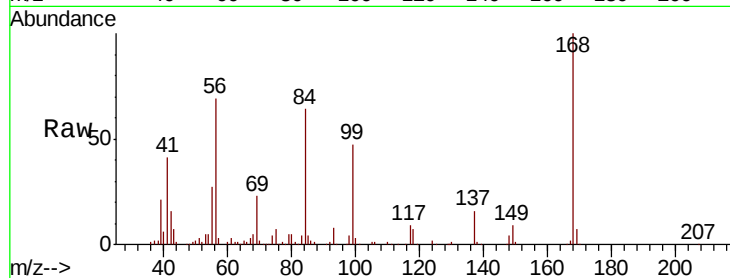
Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion:168 Resp: 576806

Ion Ratio Lower Upper

168 100

99 46.4 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

250000

200000

150000

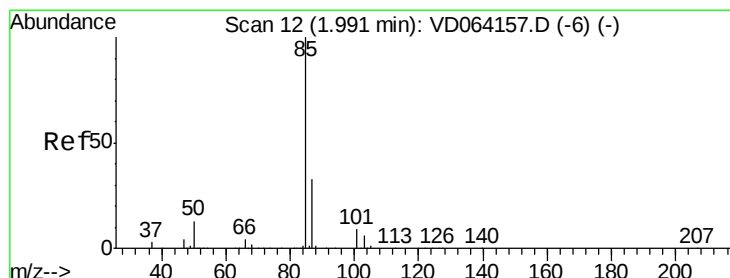
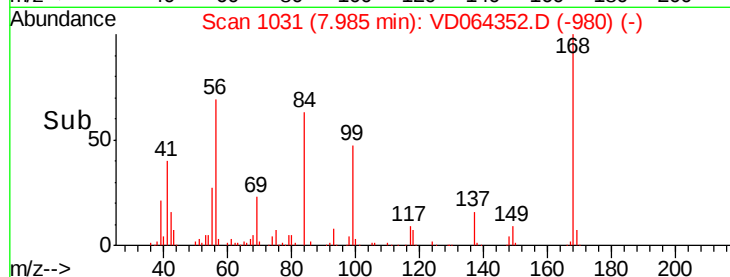
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 41.106 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD064352.D

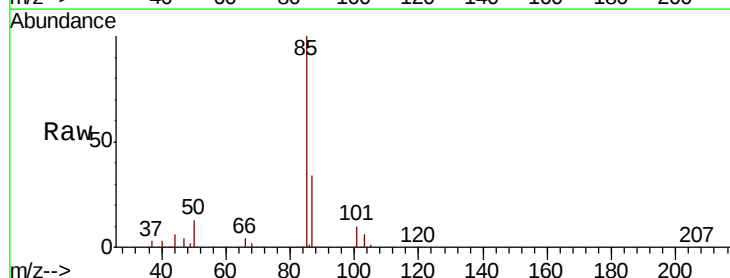
Acq: 25 Nov 2019 10:50

Tgt Ion: 85 Resp: 196645

Ion Ratio Lower Upper

85 100

87 34.1 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

150000

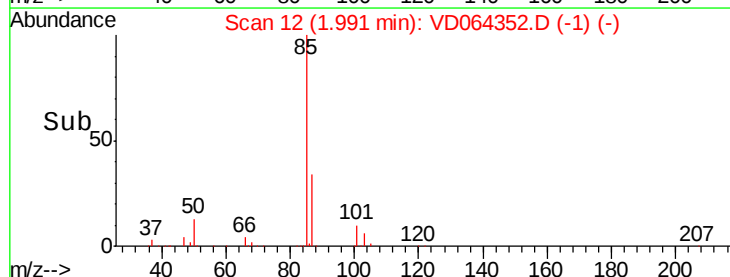
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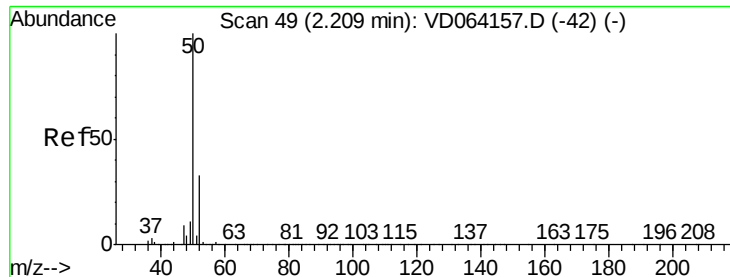
50000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 48.135 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD064352.D

Acq: 25 Nov 2019 10:50

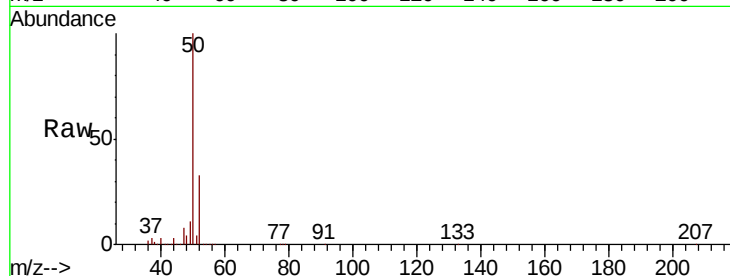
Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 50 Resp: 246995

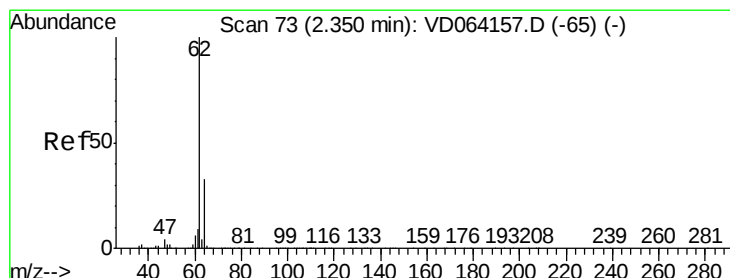
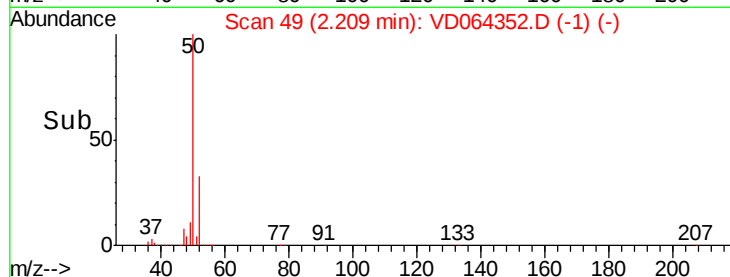
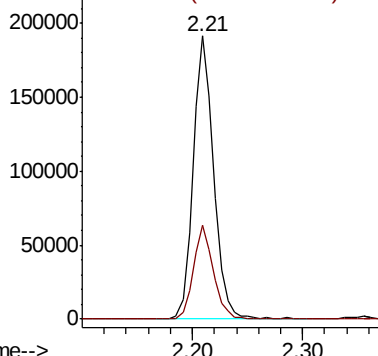
Ion Ratio Lower Upper

50 100

52 33.0 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: 58.341 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD064352.D

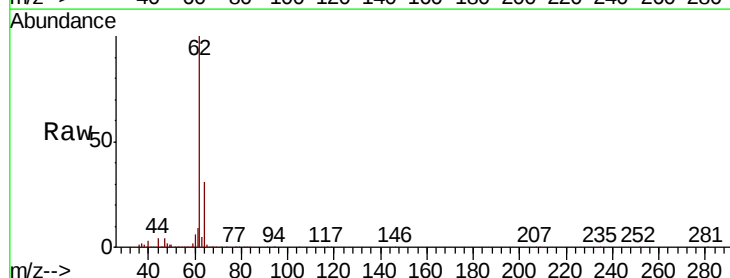
Acq: 25 Nov 2019 10:50

Tgt Ion: 62 Resp: 320132

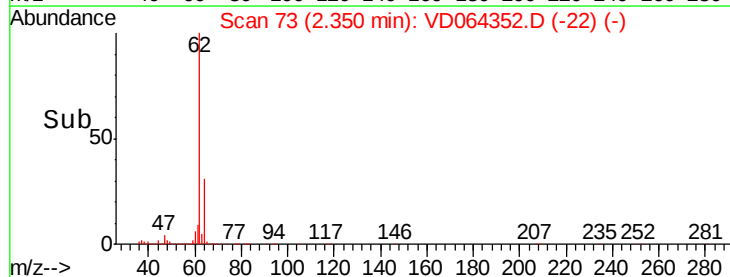
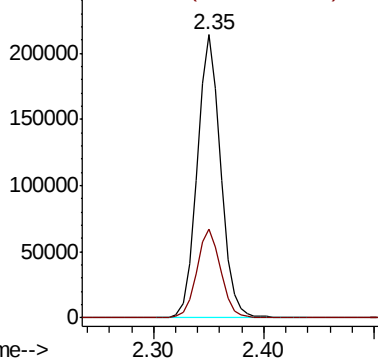
Ion Ratio Lower Upper

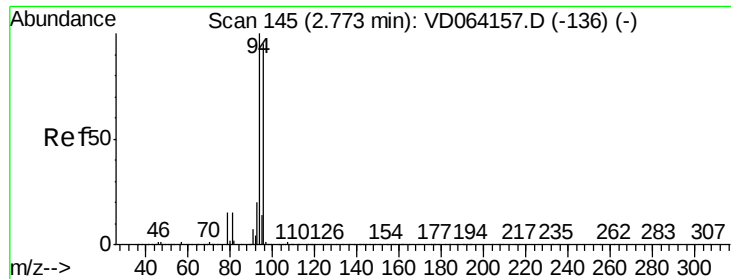
62 100

64 31.1 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: 62.073 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD064352.D

Acq: 25 Nov 2019 10:50

Instrument :

MSVOA\_D

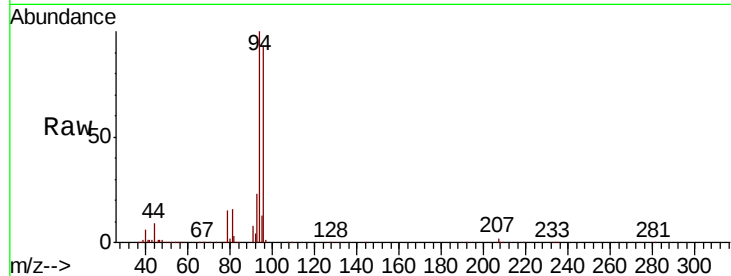
ClientSampleId :

Tot Ion: 94 Resp: 215080

Ion Ratio Lower Upper

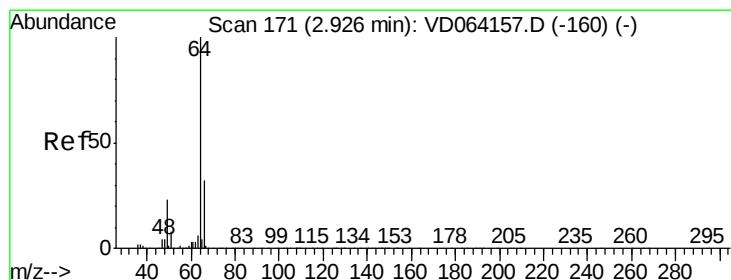
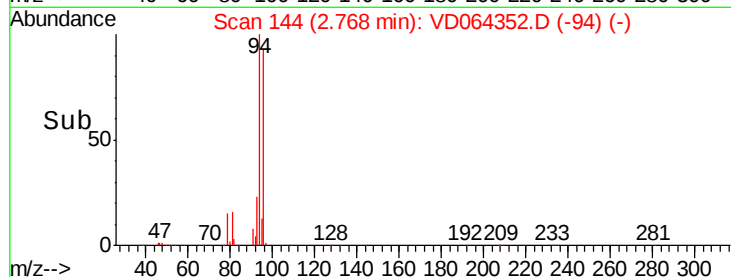
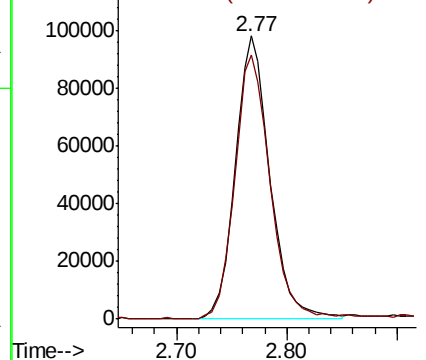
94 100

96 92.9 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 62.574 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD064352.D

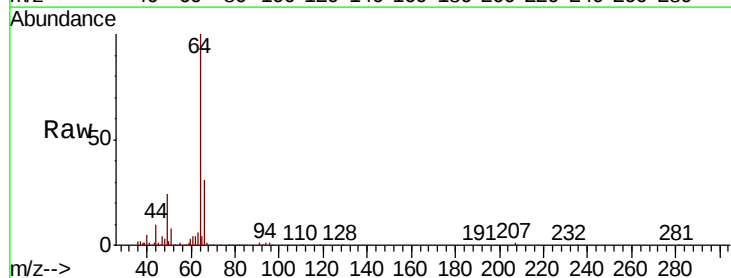
Acq: 25 Nov 2019 10:50

Tgt Ion: 64 Resp: 219400

Ion Ratio Lower Upper

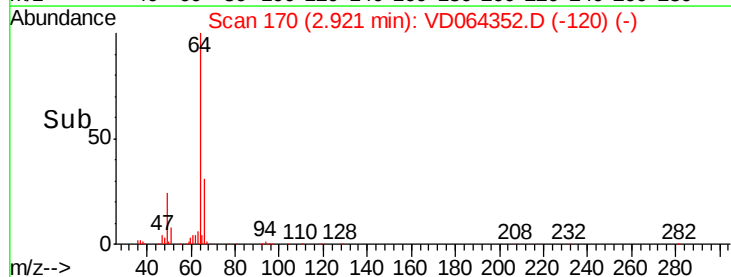
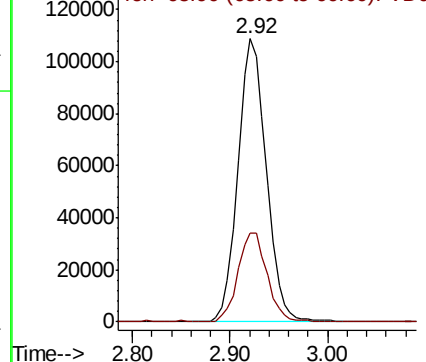
64 100

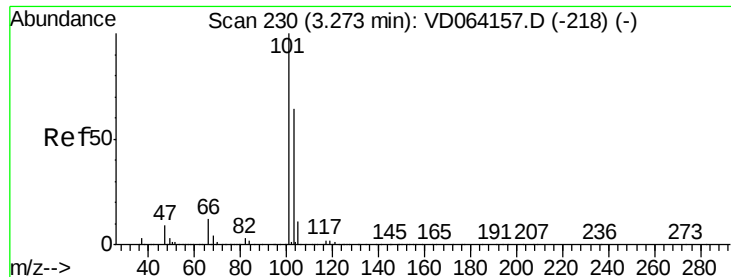
66 31.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



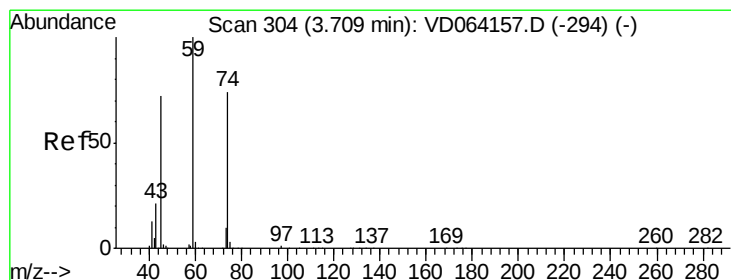
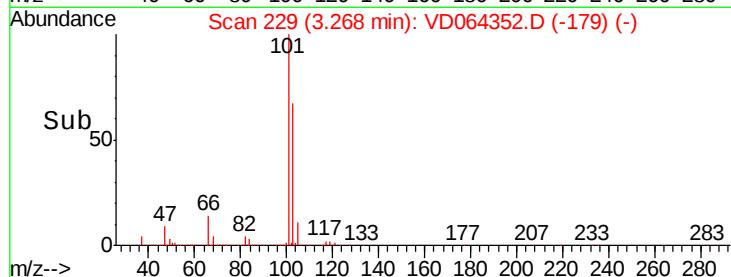
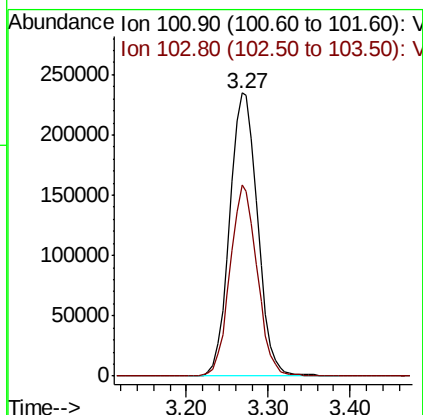
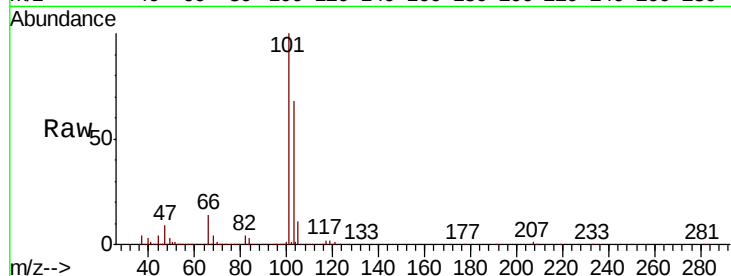


#7

Trichlorofluoromethane  
 Concen: 62.684 ug/l  
 RT: 3.27 min Scan# 229  
 Delta R.T. -0.01 min  
 Lab File: VD064352.D  
 Acq: 25 Nov 2019 10:50

Instrument :  
 MSVOA\_D  
 ClientSampled :

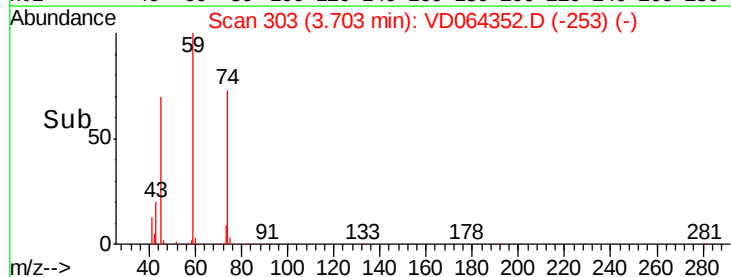
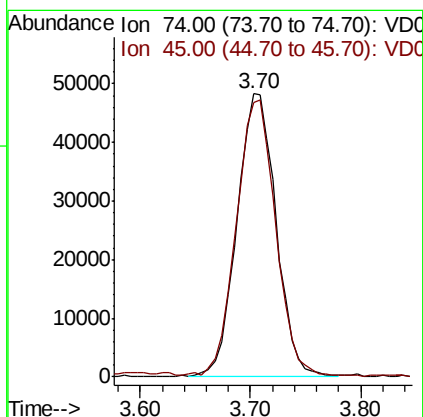
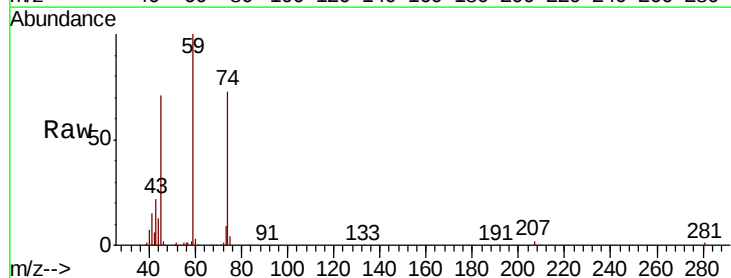
Tot Ion:101 Resp: 557664  
 Ion Ratio Lower Upper  
 101 100  
 103 67.6 50.8 76.2

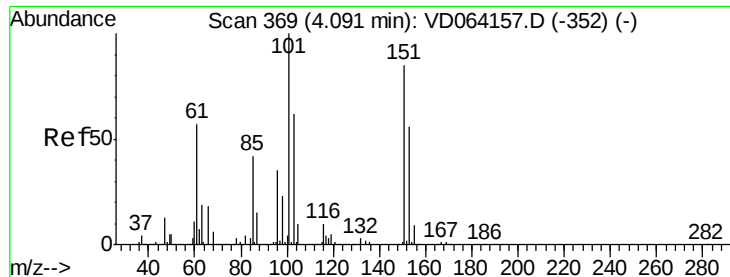


#8

Diethyl Ether  
 Concen: 49.072 ug/l  
 RT: 3.70 min Scan# 303  
 Delta R.T. -0.01 min  
 Lab File: VD064352.D  
 Acq: 25 Nov 2019 10:50

Tgt Ion: 74 Resp: 120038  
 Ion Ratio Lower Upper  
 74 100  
 45 98.4 47.9 143.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.299 ug/l

RT: 4.08 min Scan# 367

Delta R.T. -0.01 min

Lab File: VD064352.D

Acq: 25 Nov 2019 10:50

Instrument :

MSVOA\_D

ClientSampled :

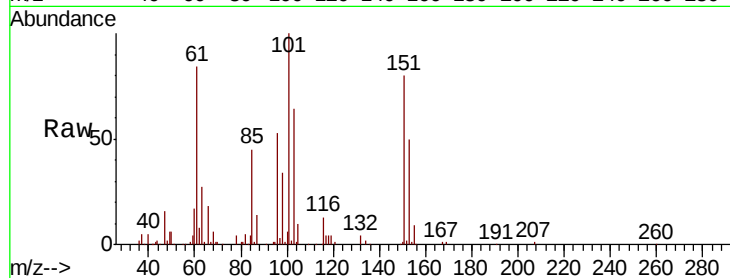
Tot Ion:101 Resp: 271017

Ion Ratio Lower Upper

101 100

85 44.0 34.4 51.6

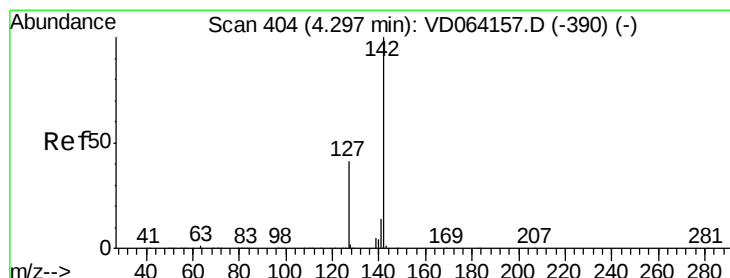
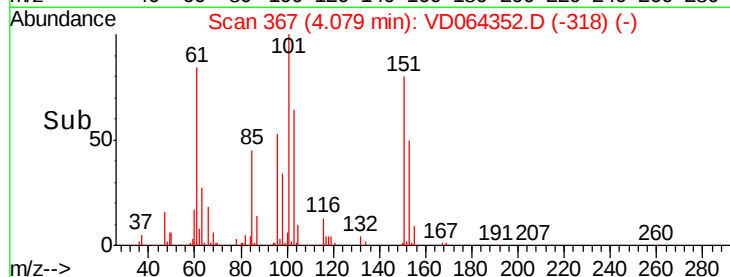
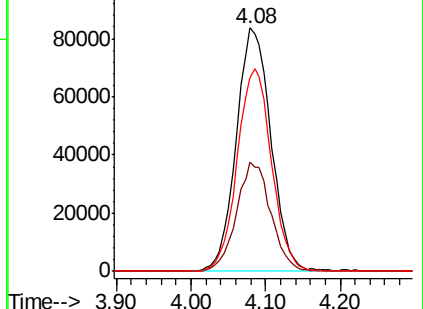
151 82.0 68.1 102.1



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: 50.591 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.00 min

Lab File: VD064352.D

Acq: 25 Nov 2019 10:50

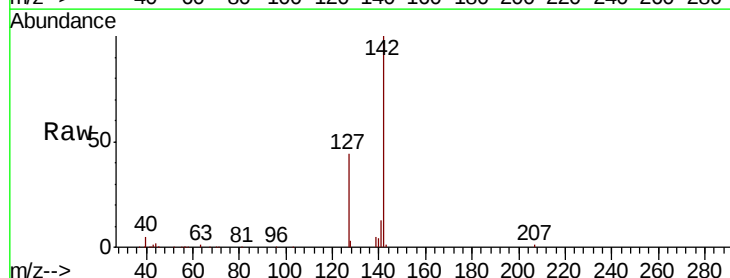
Tgt Ion:142 Resp: 293796

Ion Ratio Lower Upper

142 100

127 43.3 34.4 51.6

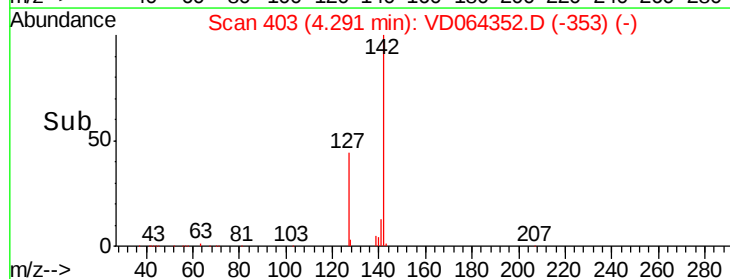
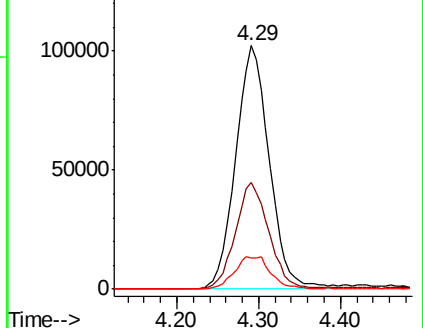
141 14.4 11.2 16.8

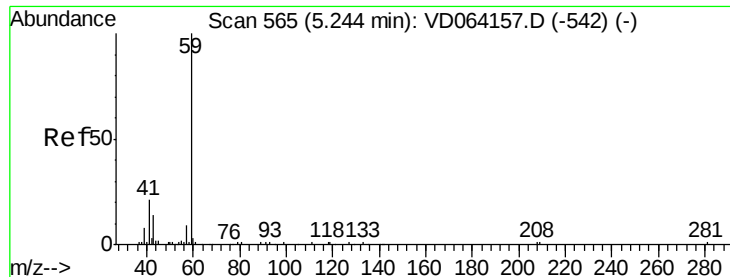


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

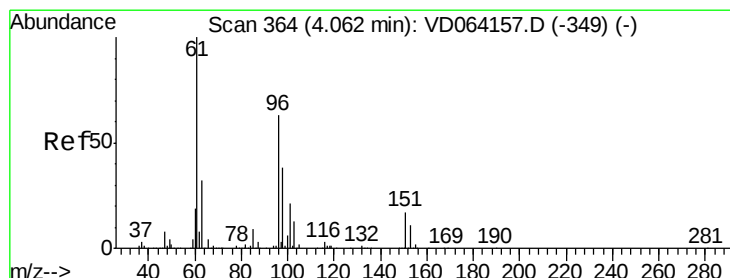
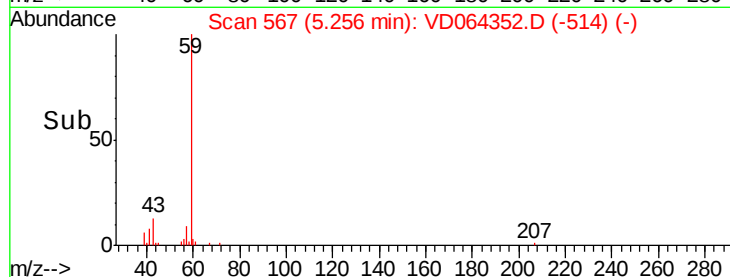
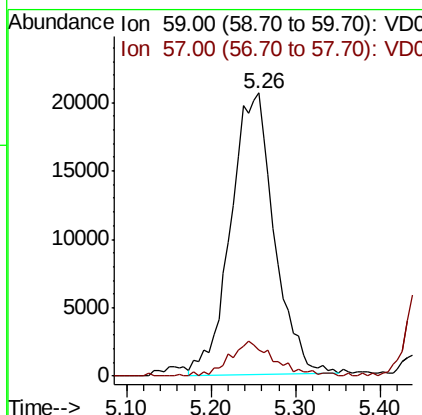
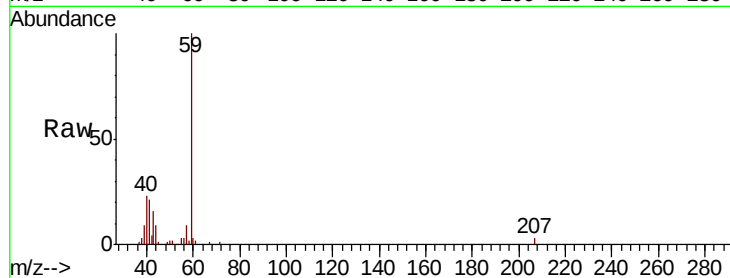




#11  
Tert butyl alcohol  
Concen: 221.413 ug/l  
RT: 5.26 min Scan# 567  
Delta R.T. 0.01 min  
Lab File: VD064352.D  
Acq: 25 Nov 2019 10:50

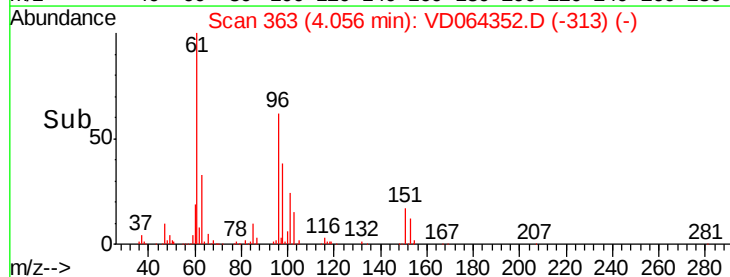
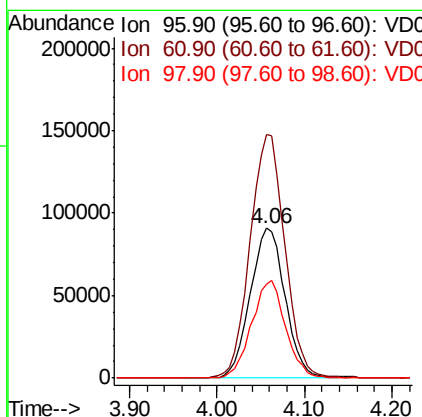
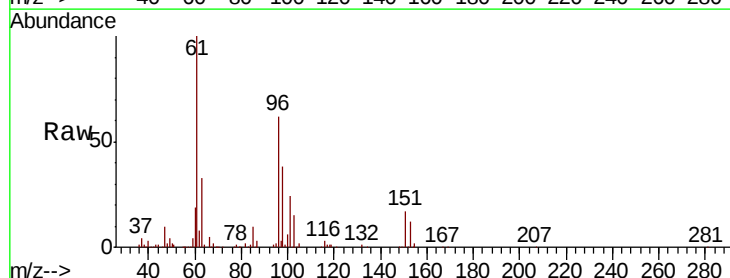
Instrument :  
MSVOA\_D  
ClientSampleId :

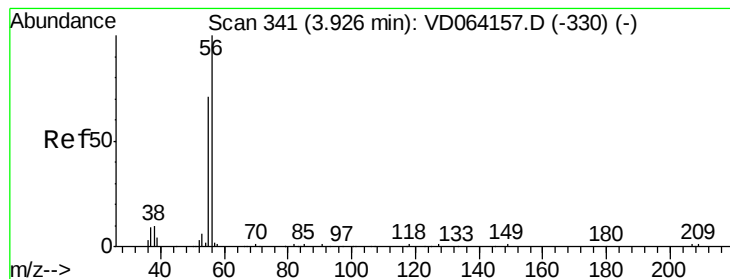
Tot Ion: 59 Resp: 73363  
Ion Ratio Lower Upper  
59 100  
57 12.7 9.4 14.2



#12  
1,1-Dichloroethene  
Concen: 51.310 ug/l  
RT: 4.06 min Scan# 363  
Delta R.T. -0.01 min  
Lab File: VD064352.D  
Acq: 25 Nov 2019 10:50

Tgt Ion: 96 Resp: 248686  
Ion Ratio Lower Upper  
96 100  
61 162.5 127.4 191.2  
98 62.4 48.1 72.1





#13

Acrolein

Concen: 275.396 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD064352.D

Acq: 25 Nov 2019 10:50

Instrument :

MSVOA\_D

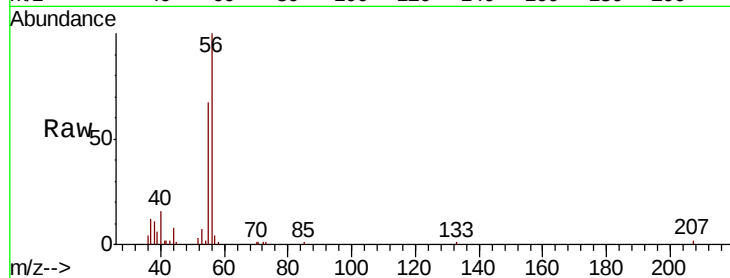
ClientSampleId :

Tot Ion: 56 Resp: 77195

Ion Ratio Lower Upper

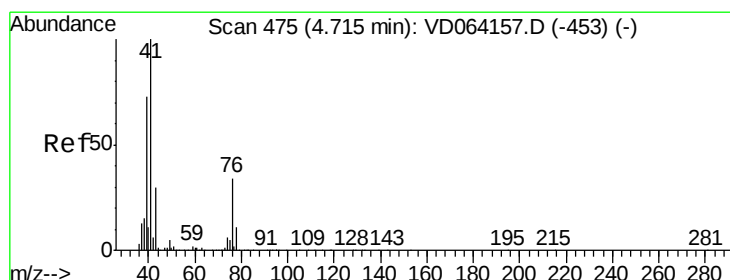
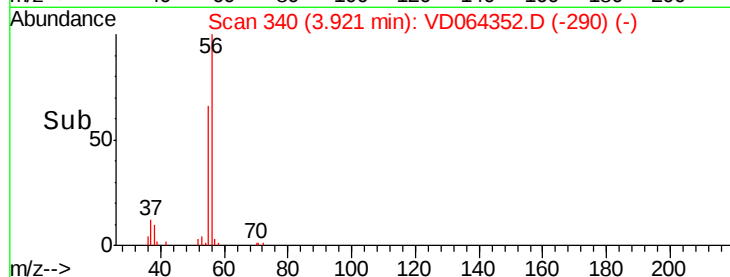
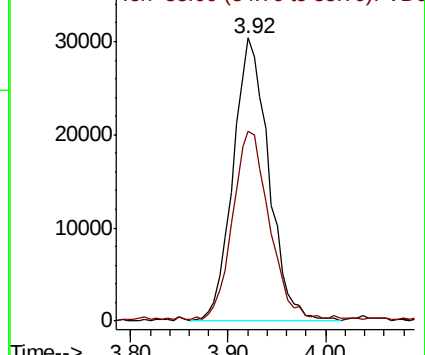
56 100

55 68.3 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 47.930 ug/l

RT: 4.70 min Scan# 473

Delta R.T. -0.01 min

Lab File: VD064352.D

Acq: 25 Nov 2019 10:50

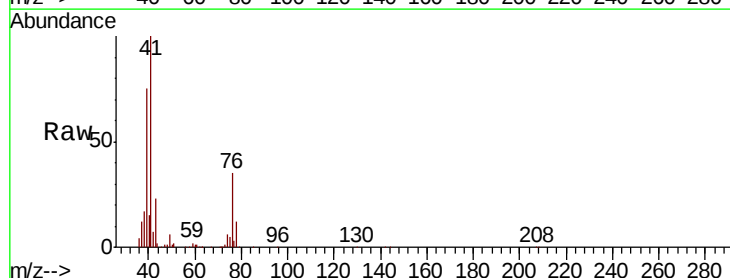
Tgt Ion: 41 Resp: 410742

Ion Ratio Lower Upper

41 100

39 76.3 57.5 86.3

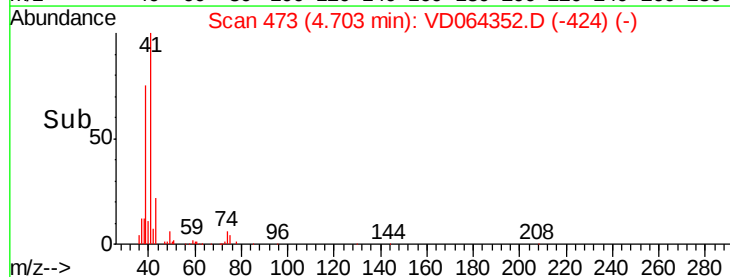
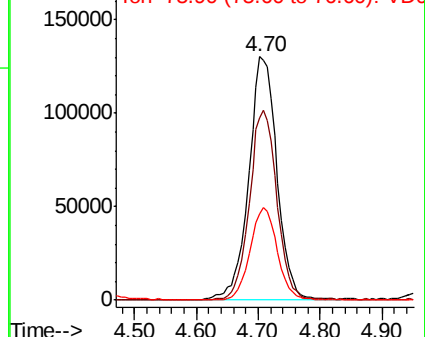
76 36.4 26.8 40.2

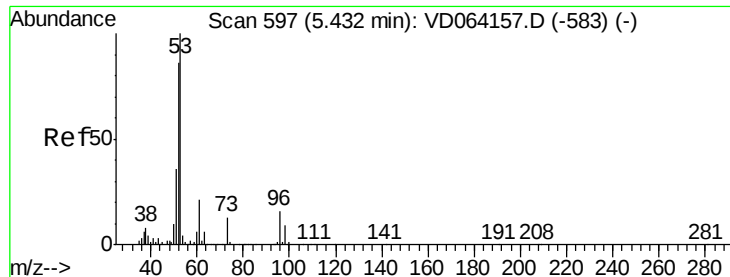


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 254.896 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.01 min

Lab File: VD064352.D

Acq: 25 Nov 2019 10:50

Instrument :  
MSVOA\_D  
ClientSampled :

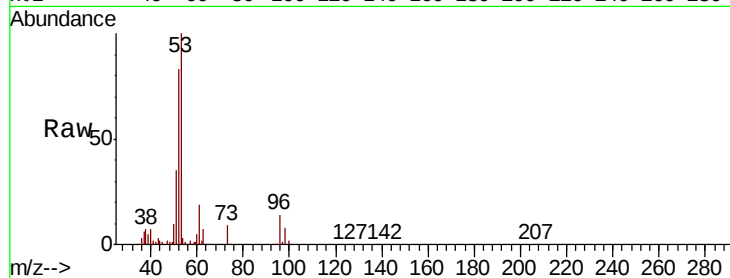
Tot Ion: 53 Resp: 265815

Ion Ratio Lower Upper

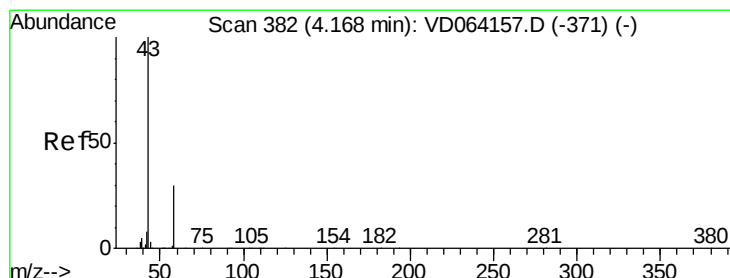
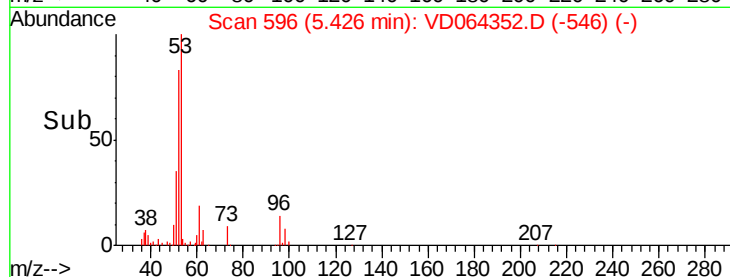
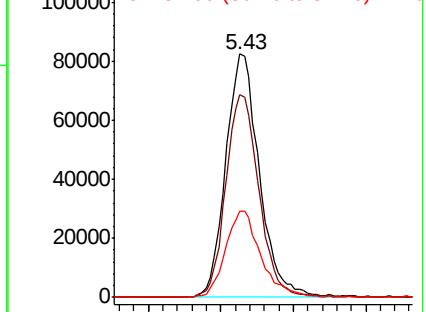
53 100

52 82.0 66.7 100.1

51 37.0 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: 287.313 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064352.D

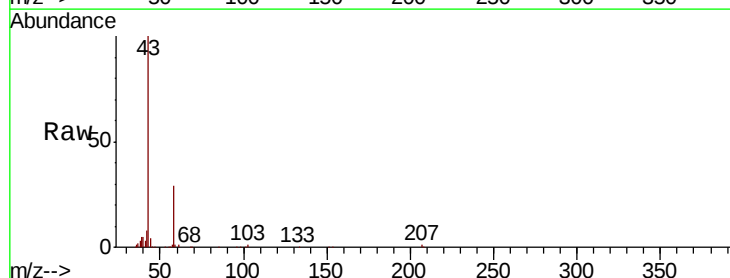
Acq: 25 Nov 2019 10:50

Tgt Ion: 43 Resp: 322891

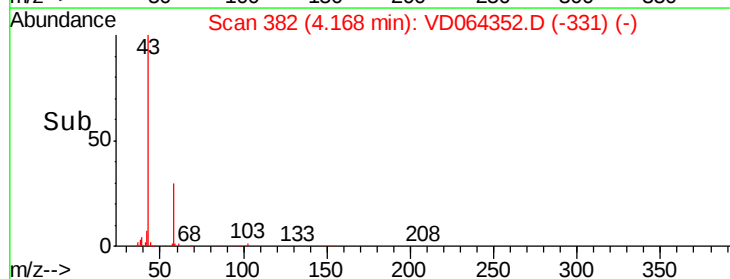
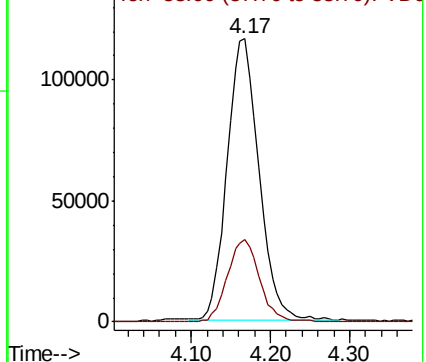
Ion Ratio Lower Upper

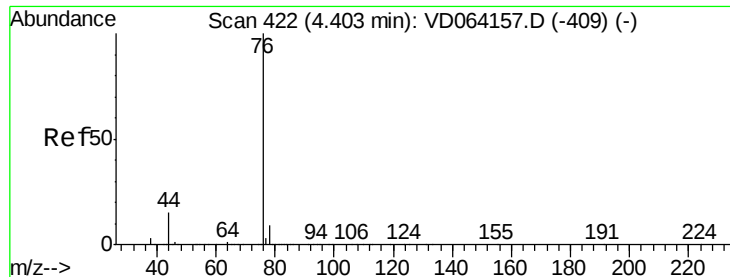
43 100

58 29.3 24.1 36.1



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

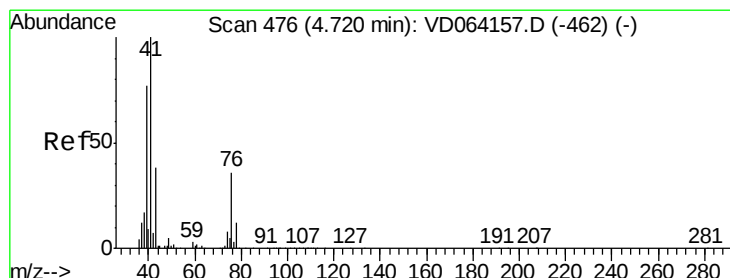
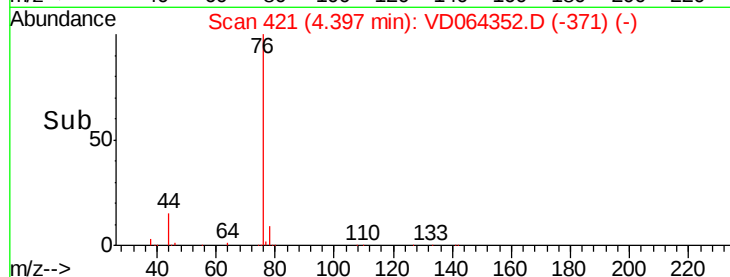
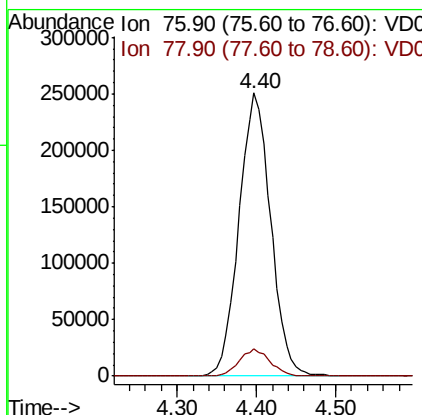
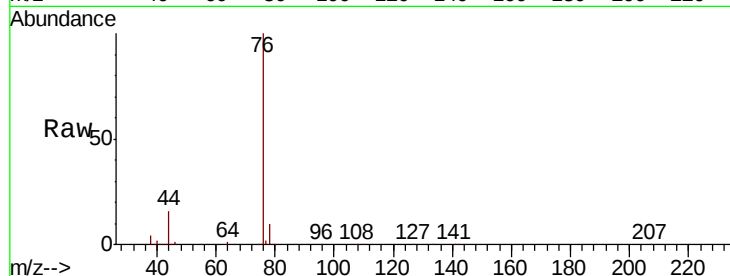




#17  
Carbon Disulfide  
Concen: 46.210 ug/l  
RT: 4.40 min Scan# 421  
Delta R.T. -0.01 min  
Lab File: VD064352.D  
Acq: 25 Nov 2019 10:50

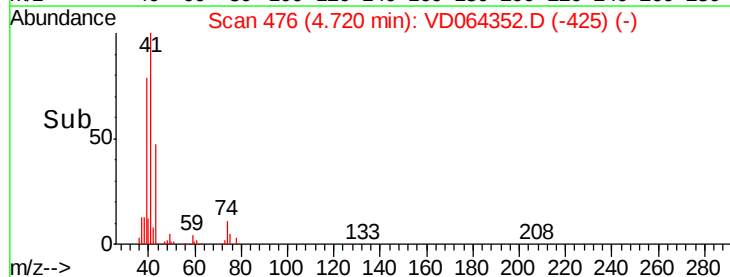
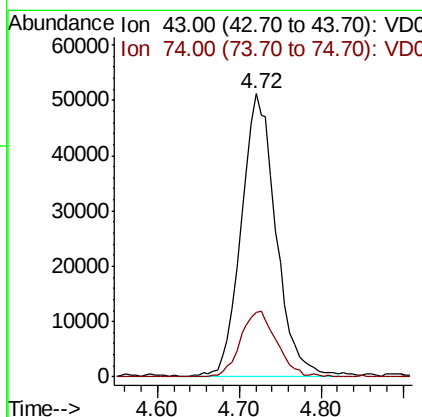
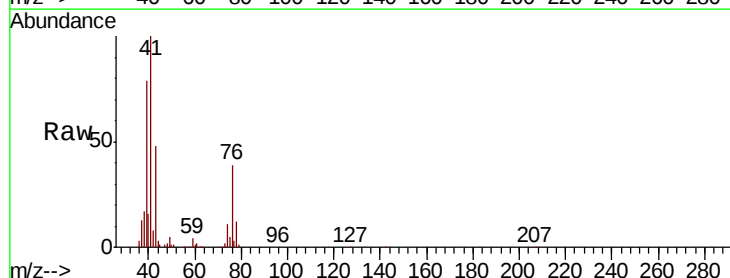
Instrument :  
MSVOA\_D  
ClientSampleId :

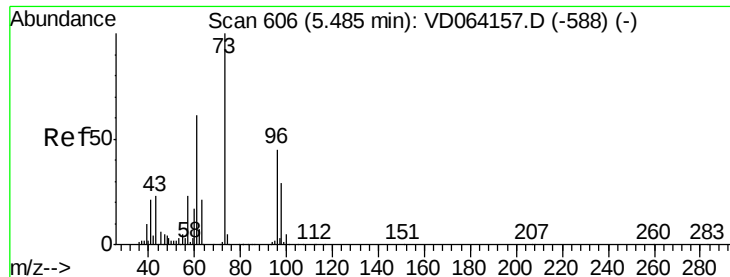
Tot Ion: 76 Resp: 697494  
Ion Ratio Lower Upper  
76 100  
78 9.6 7.2 10.8



#18  
Methyl Acetate  
Concen: 48.203 ug/l  
RT: 4.72 min Scan# 476  
Delta R.T. 0.00 min  
Lab File: VD064352.D  
Acq: 25 Nov 2019 10:50

Tgt Ion: 43 Resp: 151303  
Ion Ratio Lower Upper  
43 100  
74 24.1 18.4 27.6

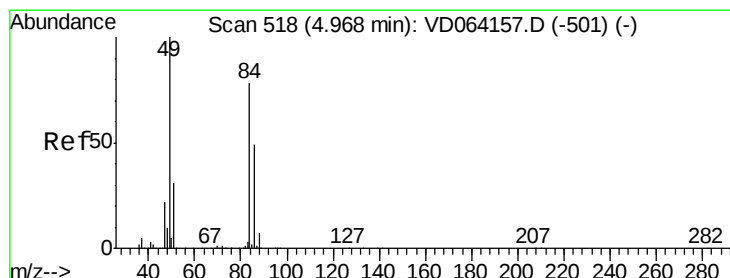
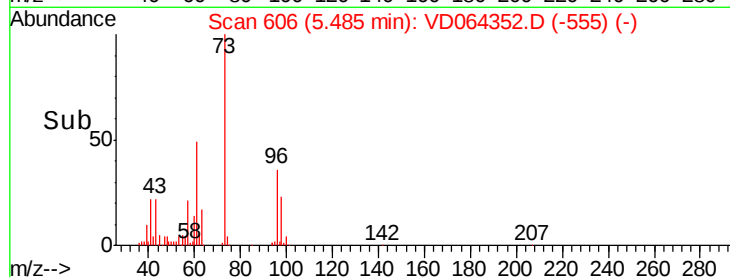
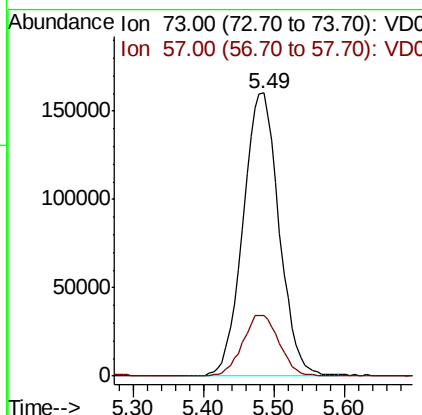
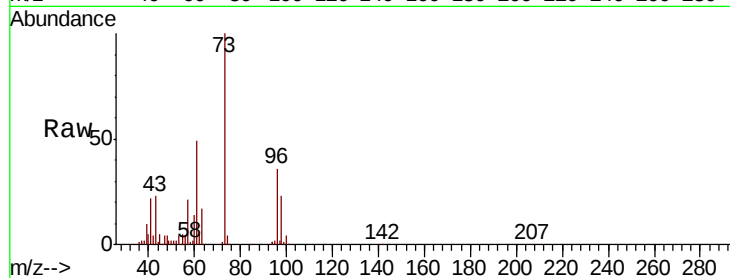




#19  
Methvl tert-butvl Ether  
Concen: 49.306 ug/l  
RT: 5.49 min Scan# 606  
Delta R.T. 0.00 min  
Lab File: VD064352.D  
Acq: 25 Nov 2019 10:50

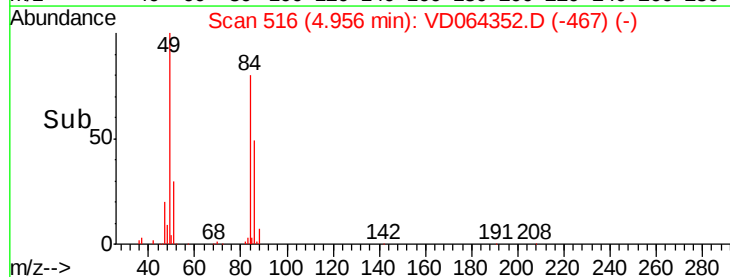
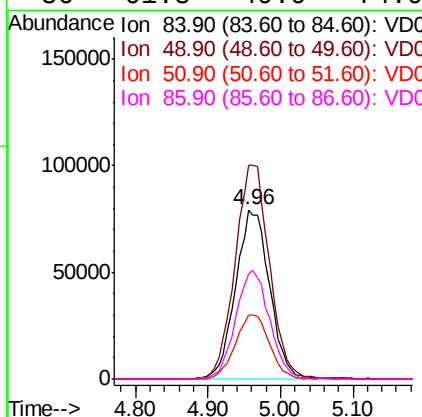
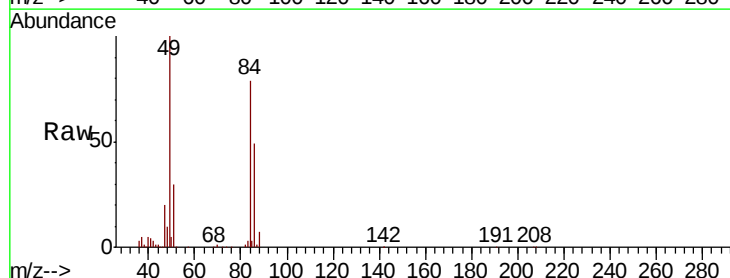
Instrument :  
MSVOA\_D  
ClientSampleId :

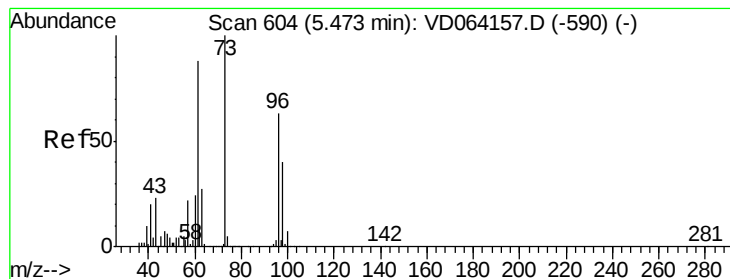
Tot Ion: 73 Resp: 570493  
Ion Ratio Lower Upper  
73 100  
57 21.1 18.4 27.6



#20  
Methylene Chloride  
Concen: 45.335 ug/l  
RT: 4.96 min Scan# 516  
Delta R.T. -0.01 min  
Lab File: VD064352.D  
Acq: 25 Nov 2019 10:50

Tgt Ion: 84 Resp: 257358  
Ion Ratio Lower Upper  
84 100  
49 126.1 102.1 153.1  
51 37.8 32.2 48.2  
86 61.8 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 50.504 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

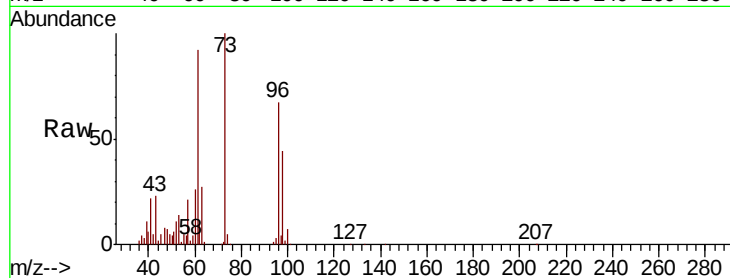
Lab File: VD064352.D

Acq: 25 Nov 2019 10:50

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 96 Resp: 277327

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 137.1 | 111.8 | 167.6 |
| 98  | 66.0  | 50.3  | 75.5  |

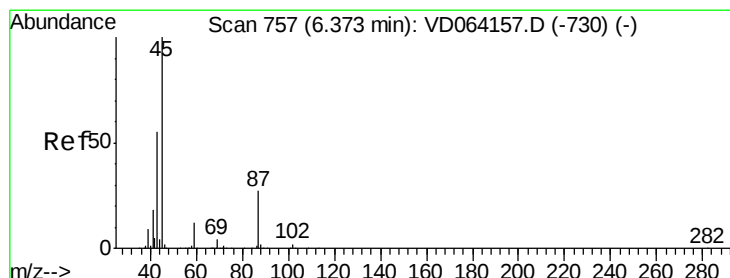
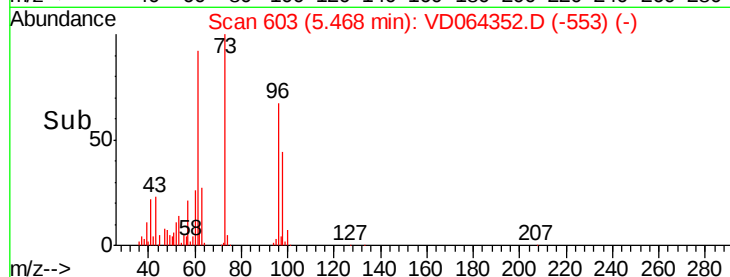
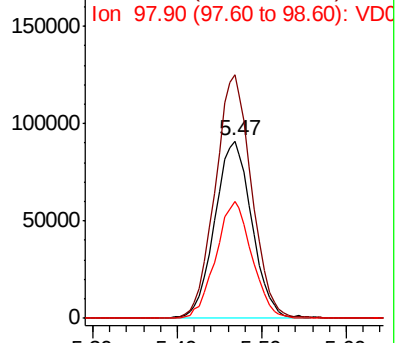


Abundance

Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 50.267 ug/l

RT: 6.37 min Scan# 756

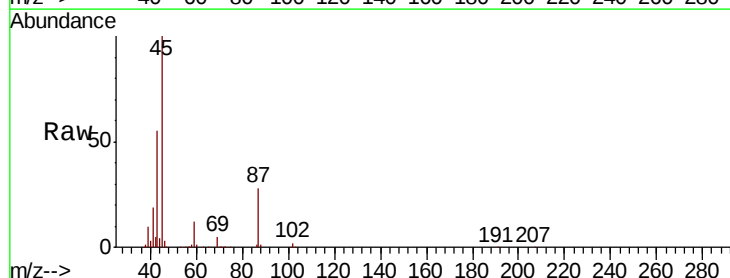
Delta R.T. -0.01 min

Lab File: VD064352.D

Acq: 25 Nov 2019 10:50

Tgt Ion: 45 Resp: 799247

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 54.9  | 44.4  | 66.6  |
| 87  | 28.0  | 21.9  | 32.9  |
| 59  | 12.1  | 9.4   | 14.2  |



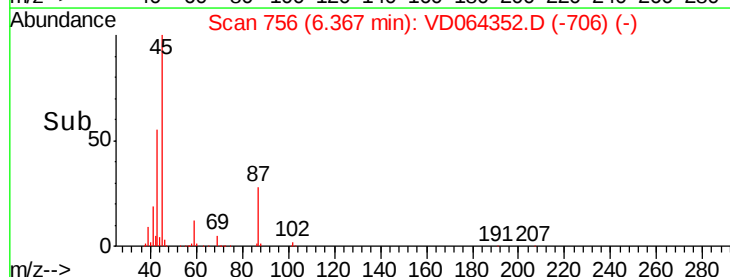
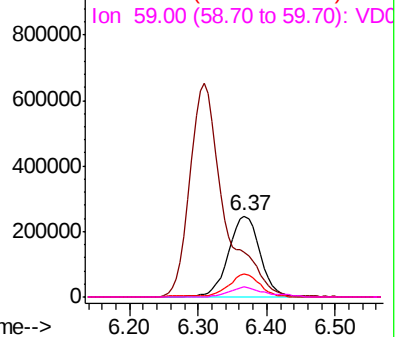
Abundance

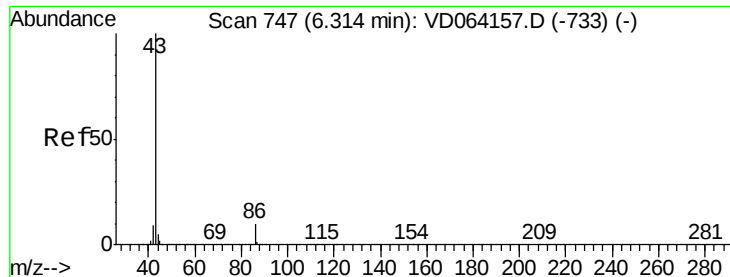
Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 254.840 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.01 min

Lab File: VD064352.D

Acq: 25 Nov 2019 10:50

Instrument :

MSVOA\_D

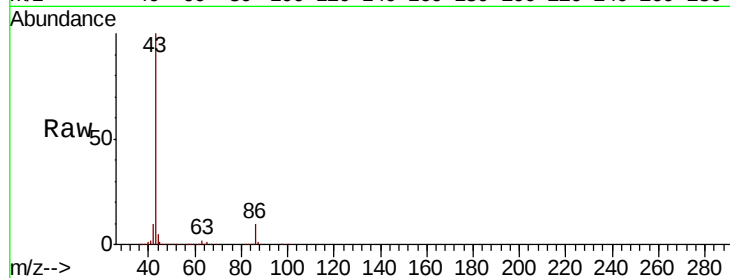
ClientSampleId :

Tot Ion: 43 Resp: 2258678

Ion Ratio Lower Upper

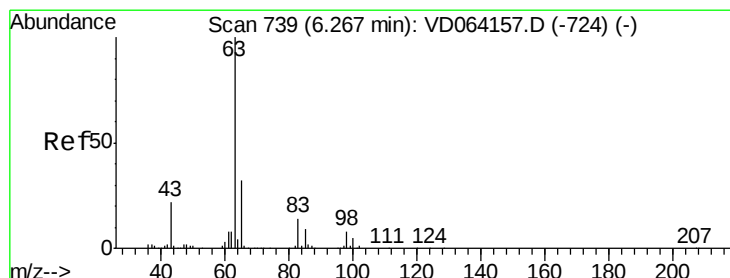
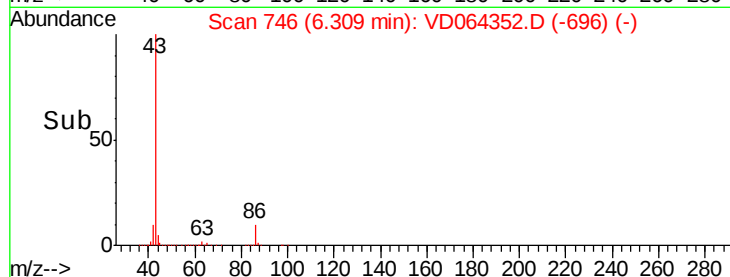
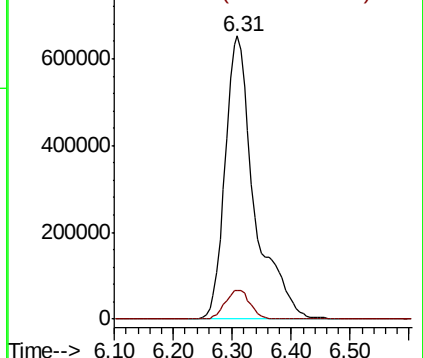
43 100

86 10.4 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: 51.678 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD064352.D

Acq: 25 Nov 2019 10:50

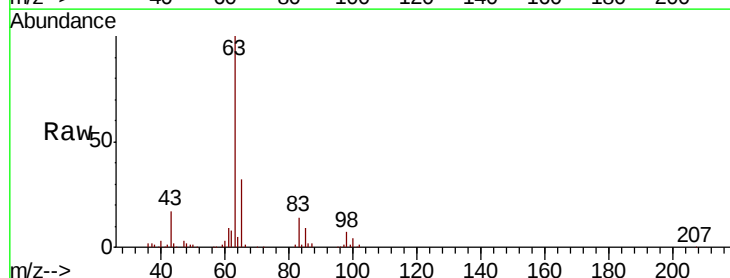
Tgt Ion: 63 Resp: 477091

Ion Ratio Lower Upper

63 100

98 7.1 3.8 11.4

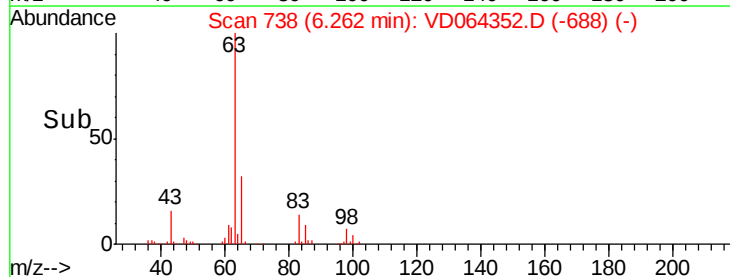
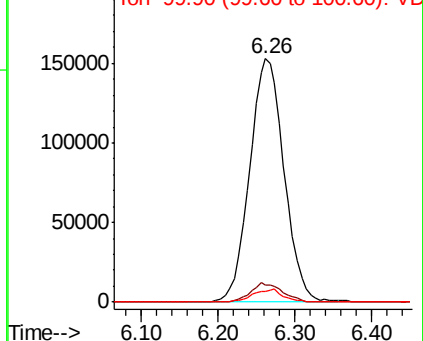
100 4.4 2.4 7.2

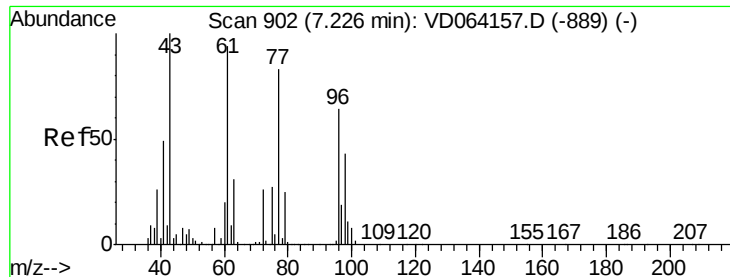


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 253.032 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.01 min

Lab File: VD064352.D

Acq: 25 Nov 2019 10:50

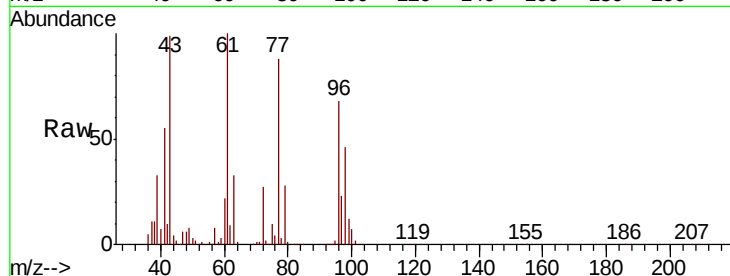
Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion: 43 Resp: 367384

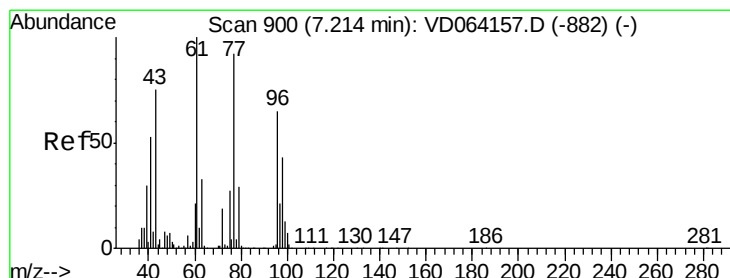
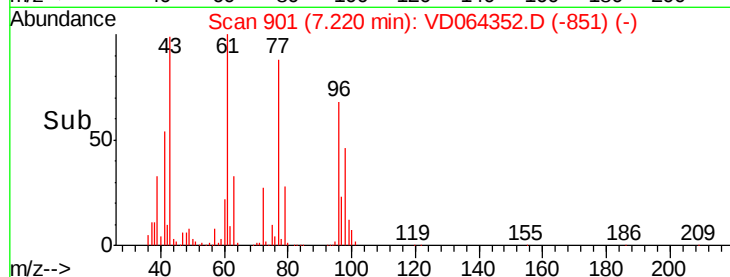
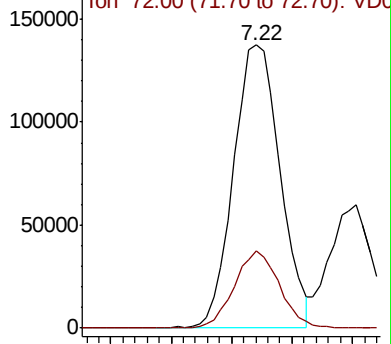
Ion Ratio Lower Upper

43 100

72 27.2 20.6 30.8



Abundance Ion 43.00 (42.70 to 43.70): VDC



#26

2,2-Dichloropropane

Concen: 50.806 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD064352.D

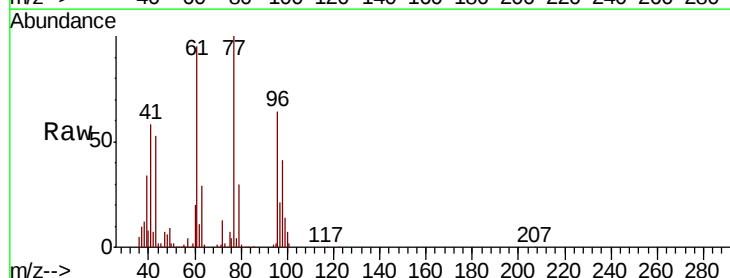
Acq: 25 Nov 2019 10:50

Tgt Ion: 77 Resp: 459983

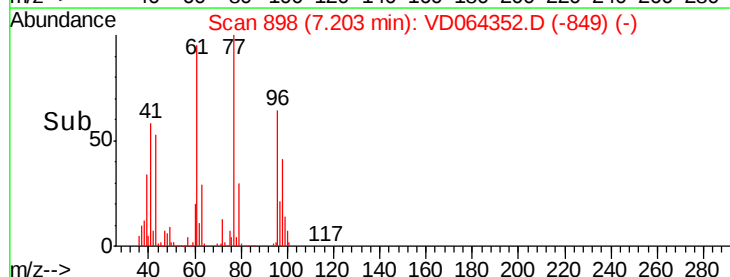
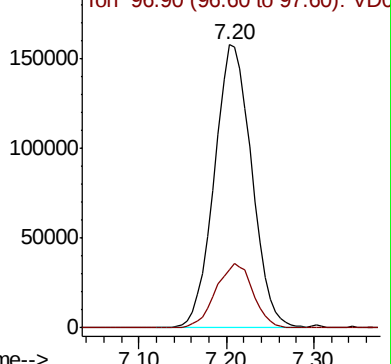
Ion Ratio Lower Upper

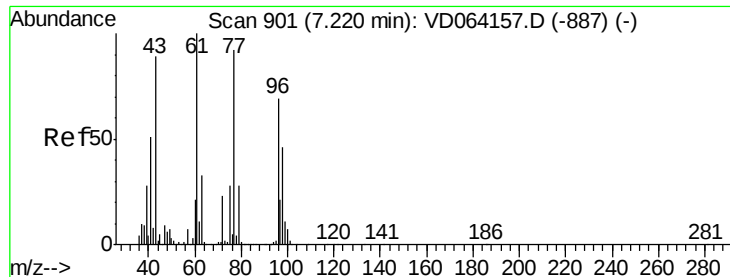
77 100

97 22.7 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VDC



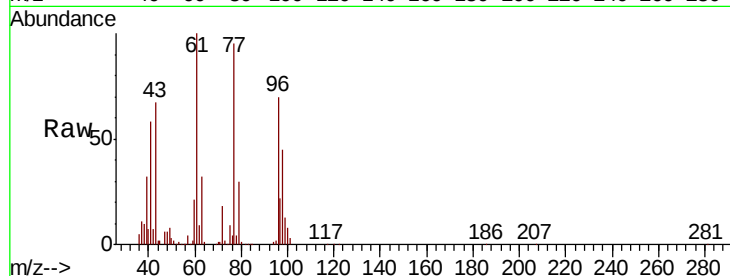


#27

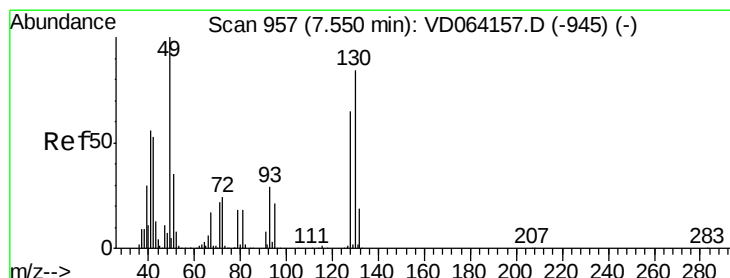
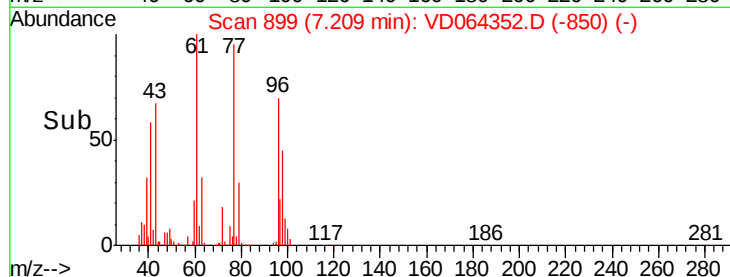
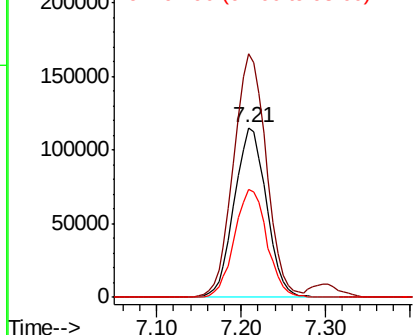
cis-1,2-Dichloroethene  
 Concen: 51.700 ug/l  
 RT: 7.21 min Scan# 899  
 Delta R.T. -0.01 min  
 Lab File: VD064352.D  
 Acq: 25 Nov 2019 10:50

Instrument :  
 MSVOA\_D  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 146.5 | 0.0   | 301.4 |
| 98      | 64.2  | 0.0   | 133.2 |



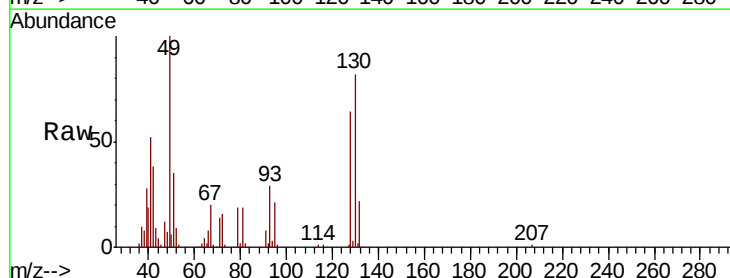
Abundance Ion 95.90 (95.60 to 96.60): VDC  
 Ion 60.90 (60.60 to 61.60): VDC  
 Ion 97.90 (97.60 to 98.60): VDC



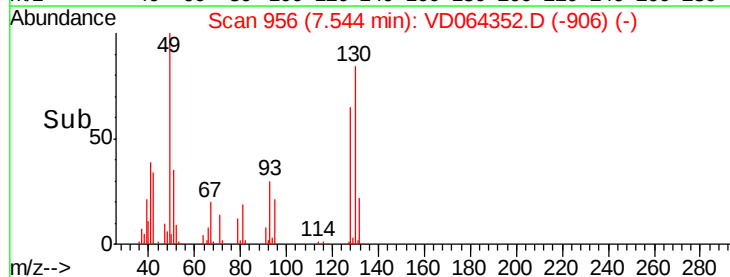
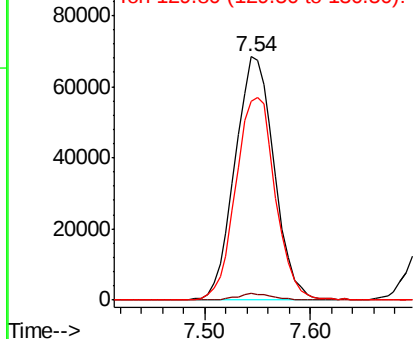
#28

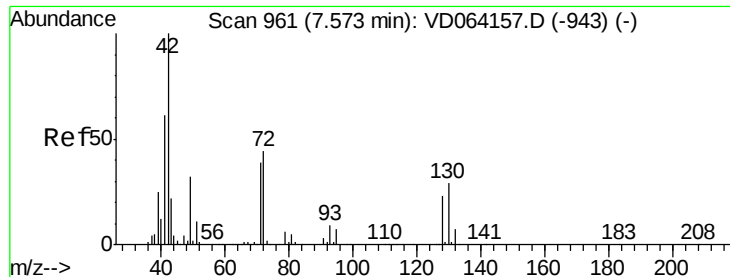
Bromochloromethane  
 Concen: 54.897 ug/l  
 RT: 7.54 min Scan# 956  
 Delta R.T. -0.01 min  
 Lab File: VD064352.D  
 Acq: 25 Nov 2019 10:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.5   | 0.0   | 4.4   |
| 130     | 83.9  | 66.8  | 100.2 |



Abundance Ion 48.90 (48.60 to 49.60): VDC  
 Ion 128.80 (128.50 to 129.50): VDC  
 Ion 129.80 (129.50 to 130.50): VDC

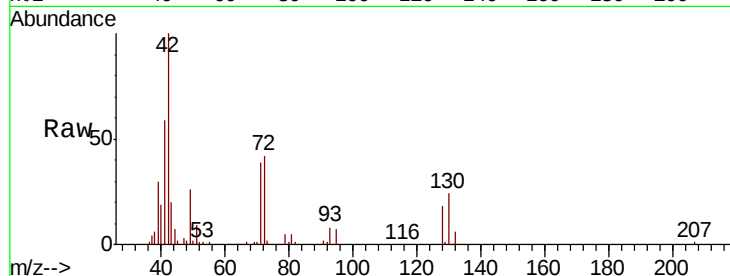




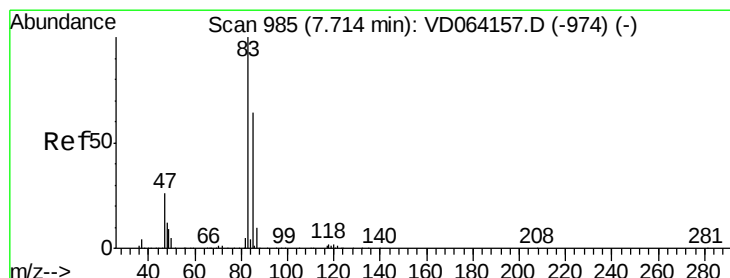
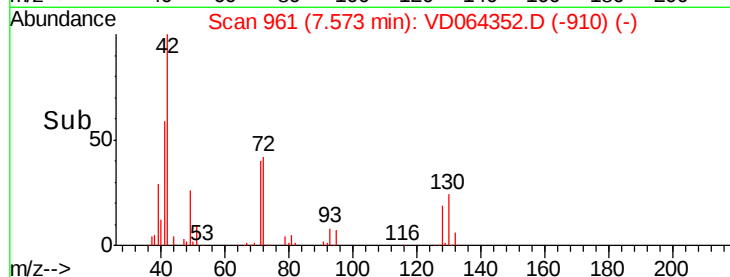
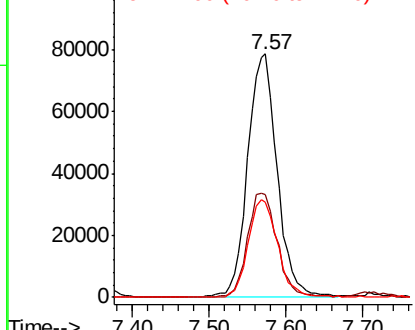
#29  
Tetrahydrofuran  
Concen: 242.330 ug/l  
RT: 7.57 min Scan# 961  
Delta R.T. 0.00 min  
Lab File: VD064352.D  
Acq: 25 Nov 2019 10:50

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 42 Resp: 211396  
Ion Ratio Lower Upper  
42 100  
72 43.0 33.4 50.2  
71 40.1 31.0 46.4

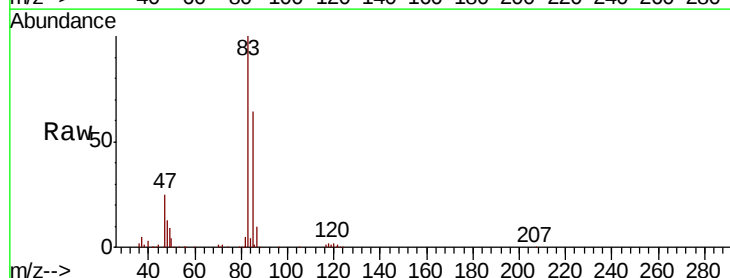


Abundance Ion 42.00 (41.70 to 42.70): VDC  
Ion 72.00 (71.70 to 72.70): VDC  
Ion 71.00 (70.70 to 71.70): VDC

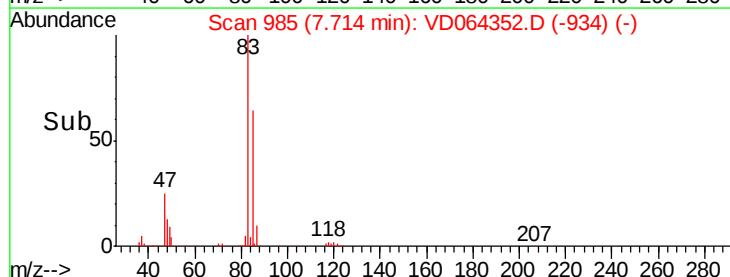
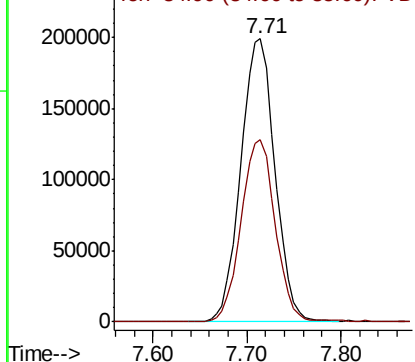


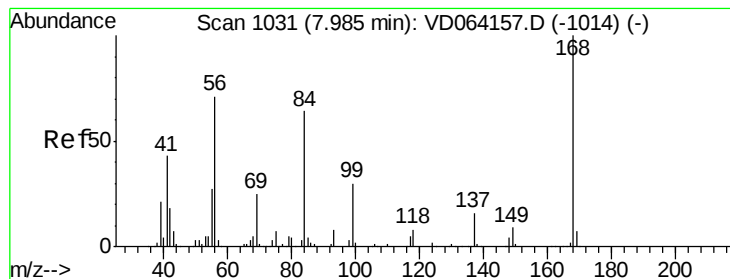
#30  
Chloroform  
Concen: 53.001 ug/l  
RT: 7.71 min Scan# 985  
Delta R.T. 0.00 min  
Lab File: VD064352.D  
Acq: 25 Nov 2019 10:50

Tgt Ion: 83 Resp: 500512  
Ion Ratio Lower Upper  
83 100  
85 64.3 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: 47.727 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064352.D

Acq: 25 Nov 2019 10:50

Instrument :  
MSVOA\_D  
ClientSampleId :

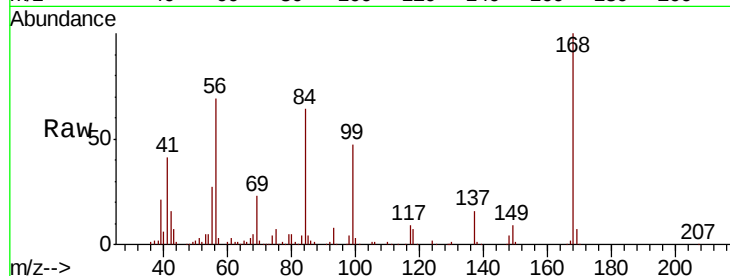
Tot Ion: 56 Resp: 444371

Ion Ratio Lower Upper

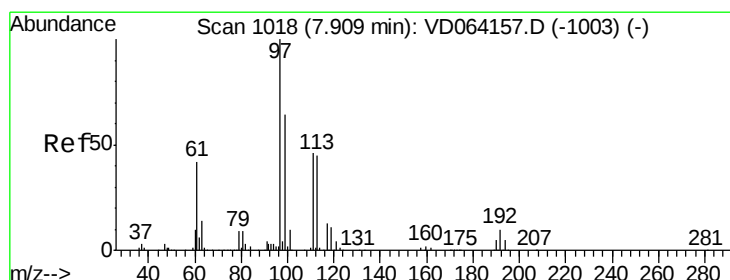
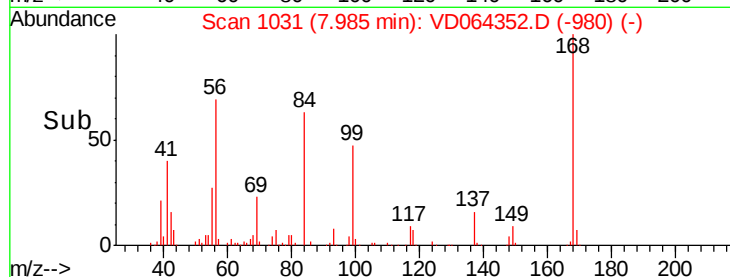
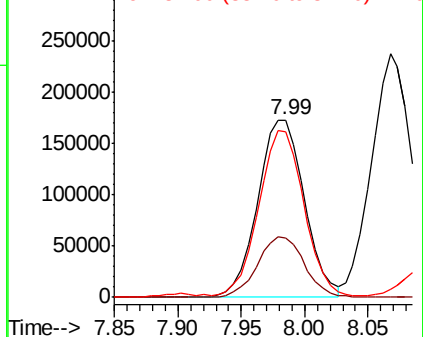
56 100

69 33.3 28.2 42.4

84 91.3 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: 52.354 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VD064352.D

Acq: 25 Nov 2019 10:50

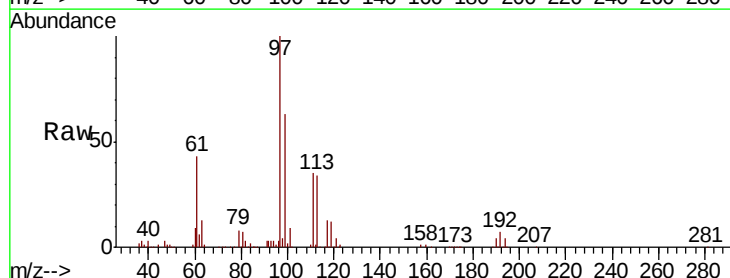
Tgt Ion: 97 Resp: 473403

Ion Ratio Lower Upper

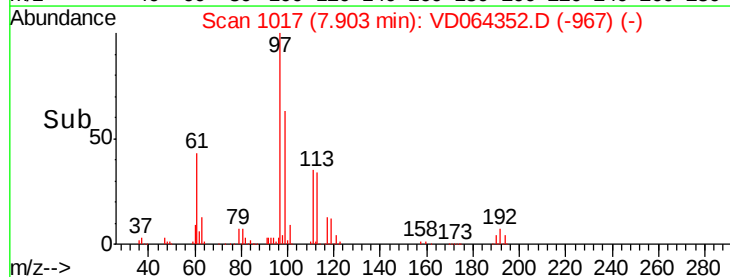
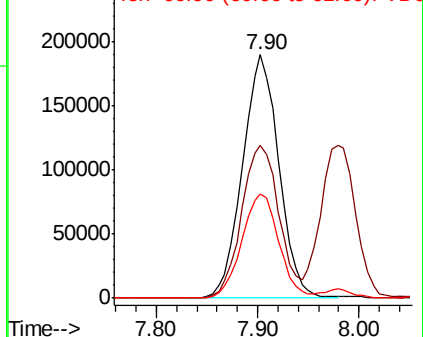
97 100

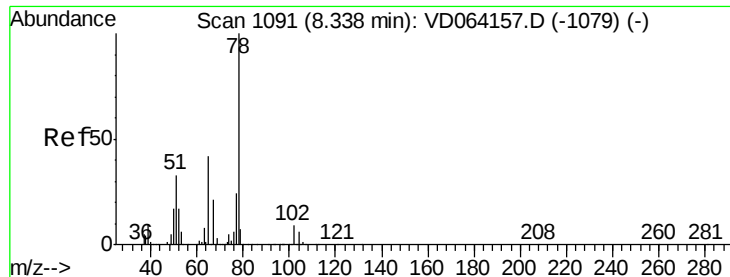
99 64.9 51.6 77.4

61 43.7 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: 47.597 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064352.D

Acq: 25 Nov 2019 10:50

Instrument :

MSVOA\_D

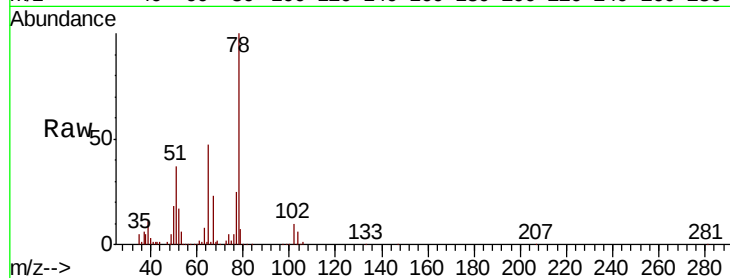
ClientSampleId :

Tot Ion: 65 Resp: 225796

Ion Ratio Lower Upper

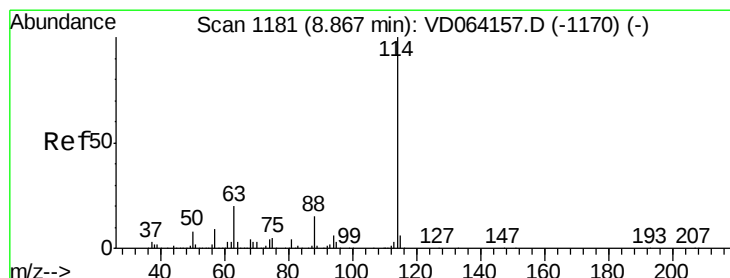
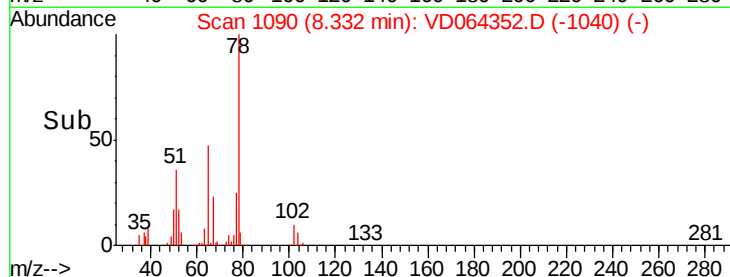
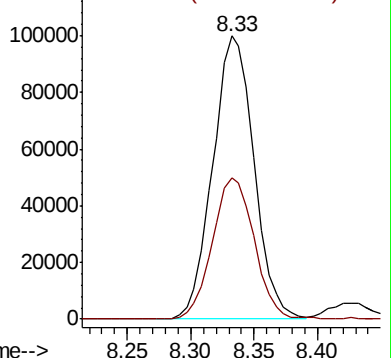
65 100

67 50.7 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064352.D

Acq: 25 Nov 2019 10:50

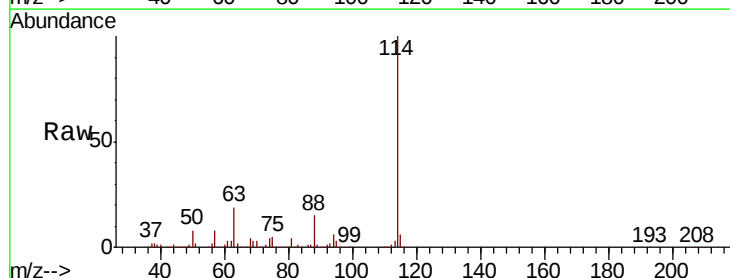
Tgt Ion: 114 Resp: 801577

Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.0

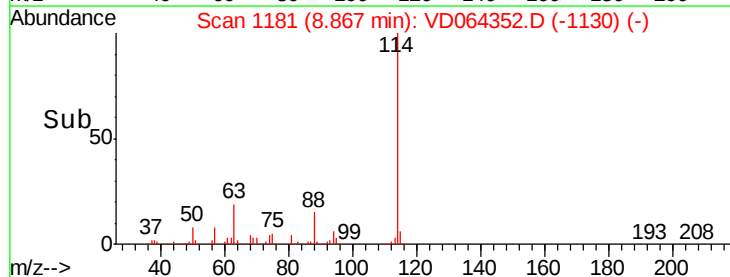
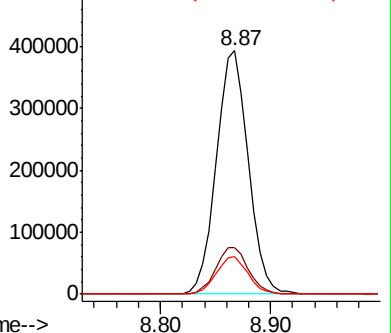
88 15.5 0.0 30.2

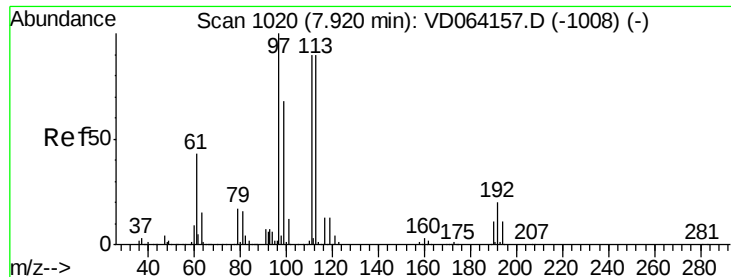


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

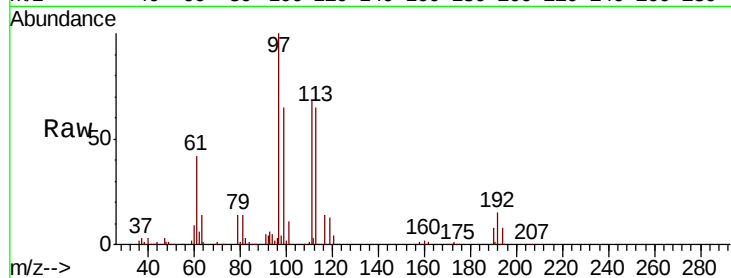




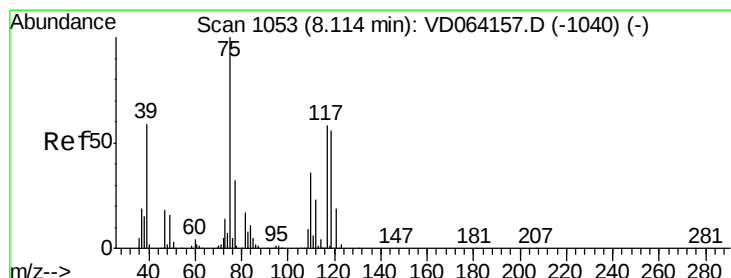
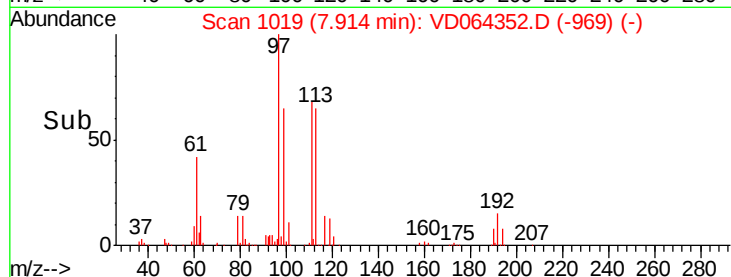
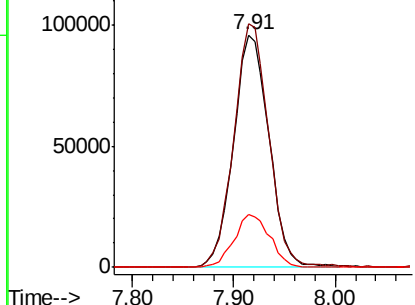
#35  
Dibromofluoromethane  
Concen: 50.589 ug/l  
RT: 7.91 min Scan# 1019  
Delta R.T. -0.01 min  
Lab File: VD064352.D  
Acq: 25 Nov 2019 10:50

Instrument :  
MSVOA\_D  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 103.4 | 81.5  | 122.3 |
| 192     | 22.8  | 18.8  | 28.2  |

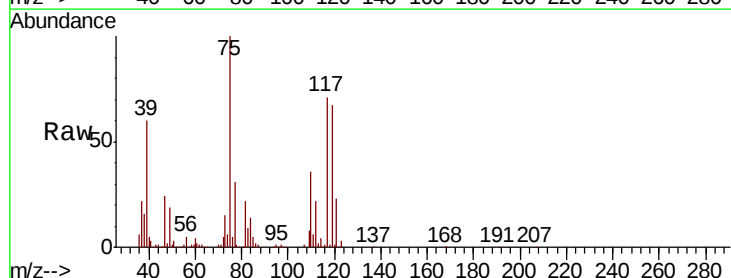


Abundance Ion 112.80 (112.50 to 113.50): V  
Ion 110.80 (110.50 to 111.50): V  
Ion 191.70 (191.40 to 192.40): V

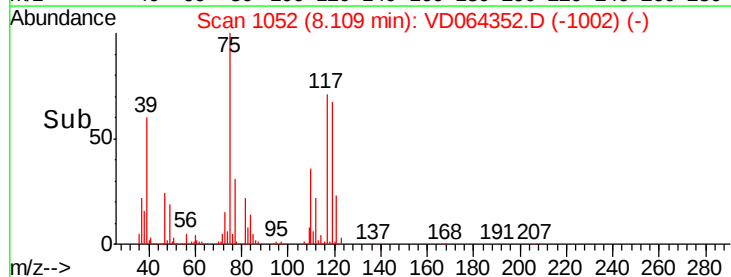
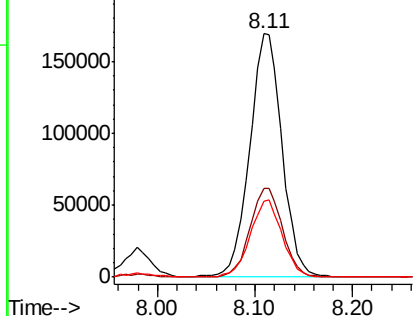


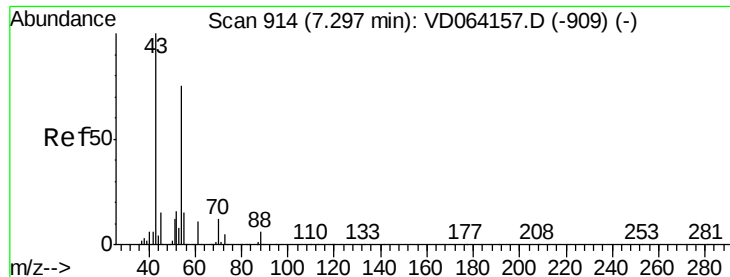
#36  
1,1-Dichloropropene  
Concen: 52.934 ug/l  
RT: 8.11 min Scan# 1052  
Delta R.T. -0.01 min  
Lab File: VD064352.D  
Acq: 25 Nov 2019 10:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 37.0  | 18.3  | 54.9  |
| 77      | 31.7  | 25.0  | 37.6  |



Abundance Ion 74.90 (74.60 to 75.60): V  
Ion 109.90 (109.60 to 110.60): V  
Ion 76.90 (76.60 to 77.60): V

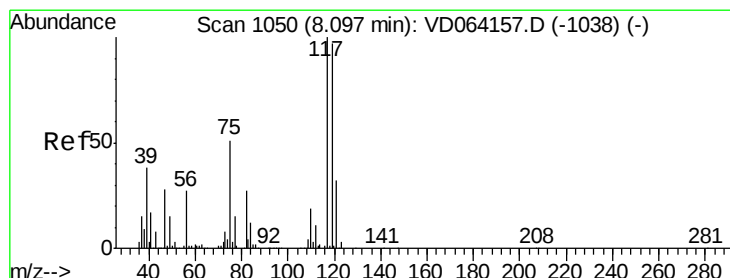
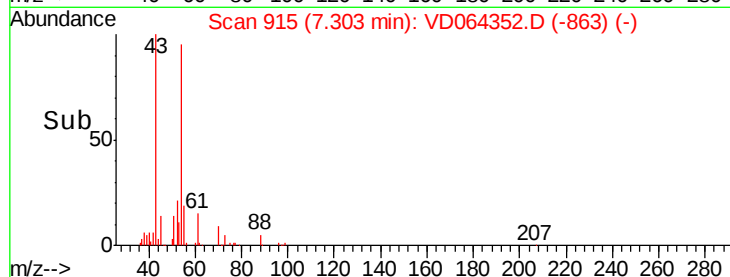
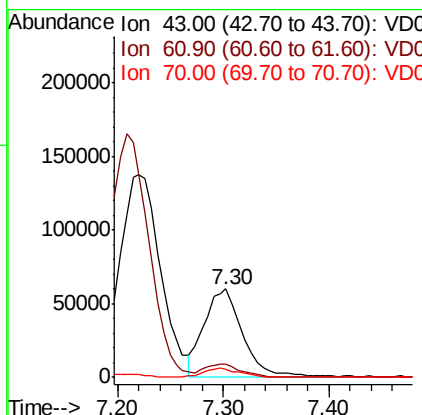
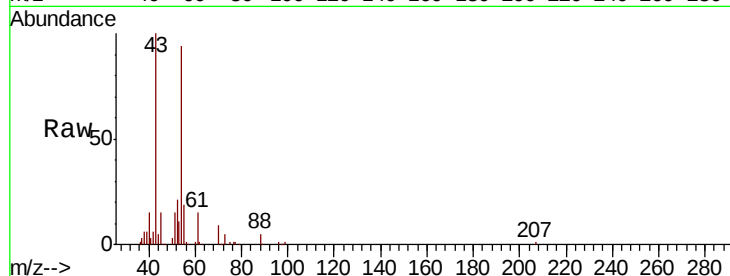




#37  
Ethyl Acetate  
Concen: 47.822 ug/l  
RT: 7.30 min Scan# 915  
Delta R.T. 0.01 min  
Lab File: VD064352.D  
Acq: 25 Nov 2019 10:50

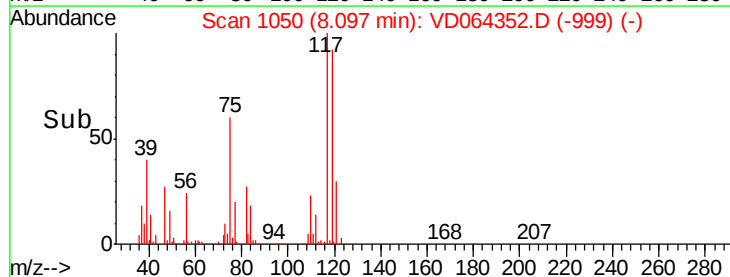
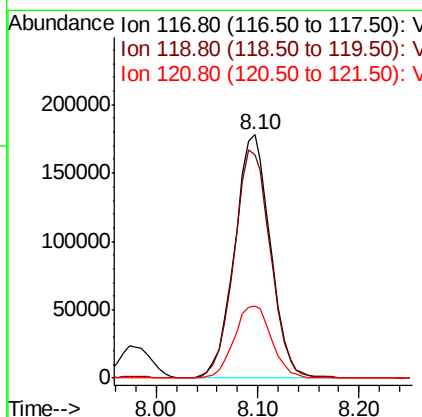
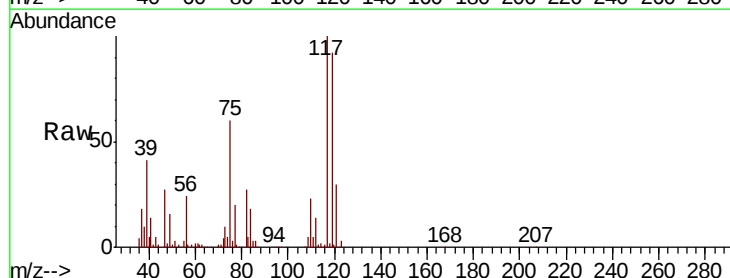
Instrument :  
MSVOA\_D  
ClientSampled :

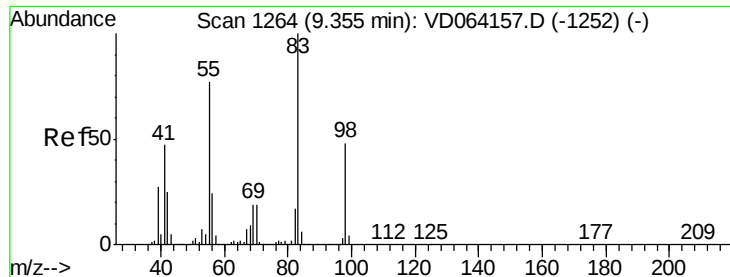
Tot Ion: 43 Resp: 149144  
Ion Ratio Lower Upper  
43 100  
61 13.3 10.2 15.2  
70 9.7 8.5 12.7



#38  
Carbon Tetrachloride  
Concen: 55.084 ug/l  
RT: 8.10 min Scan# 1050  
Delta R.T. 0.00 min  
Lab File: VD064352.D  
Acq: 25 Nov 2019 10:50

Tgt Ion: 117 Resp: 436037  
Ion Ratio Lower Upper  
117 100  
119 91.4 77.2 115.8  
121 29.7 25.5 38.3

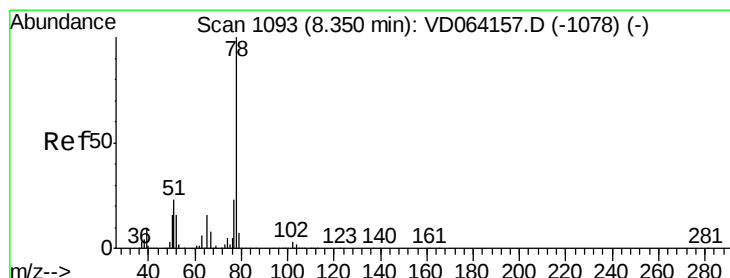
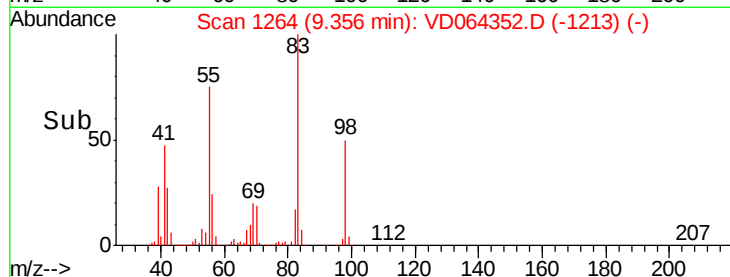
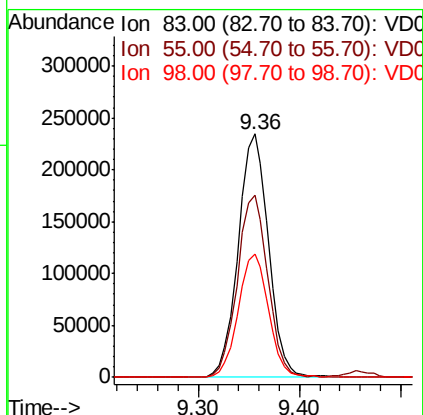
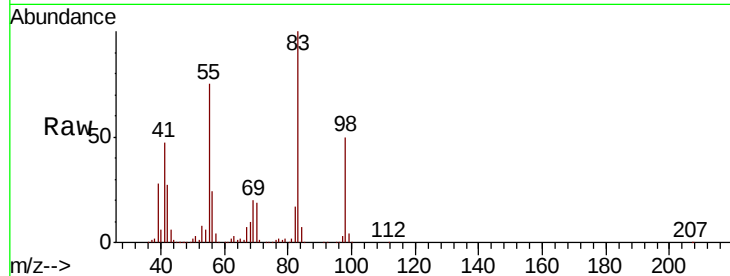




#39  
Methylvlcvclohexane  
Concen: 51.837 ug/l  
RT: 9.36 min Scan# 1264  
Delta R.T. 0.00 min  
Lab File: VD064352.D  
Acq: 25 Nov 2019 10:50

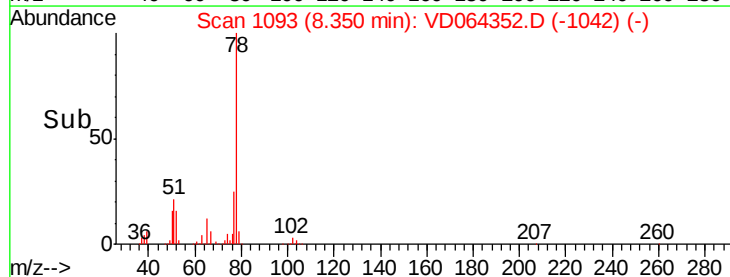
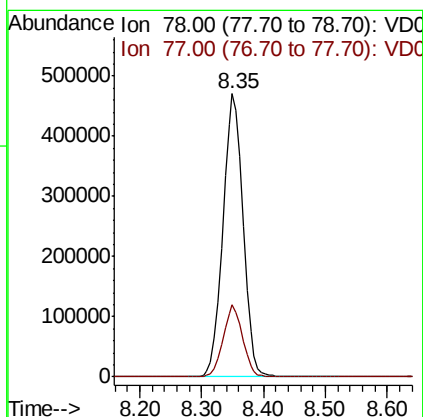
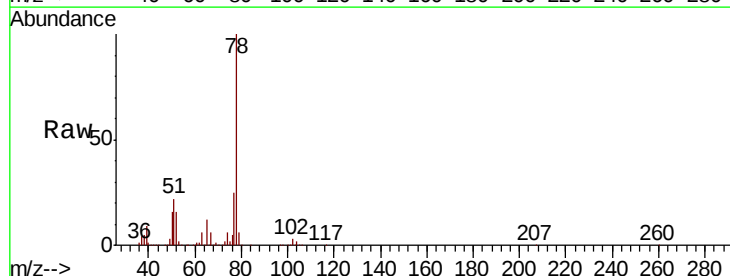
Instrument :  
MSVOA\_D  
ClientSampleId :

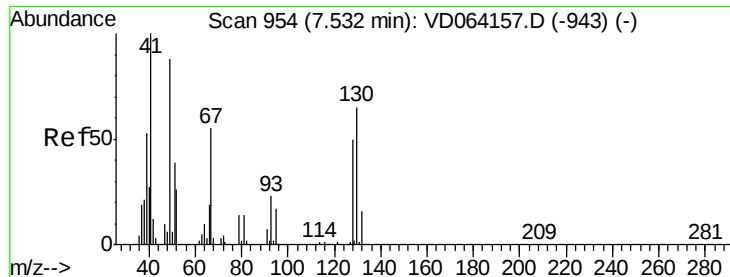
Tot Ion: 83 Resp: 485246  
Ion Ratio Lower Upper  
83 100  
55 74.6 61.7 92.5  
98 50.4 38.6 58.0



#40  
Benzene  
Concen: 52.836 ug/l  
RT: 8.35 min Scan# 1093  
Delta R.T. 0.00 min  
Lab File: VD064352.D  
Acq: 25 Nov 2019 10:50

Tgt Ion: 78 Resp: 1068267  
Ion Ratio Lower Upper  
78 100  
77 25.5 18.6 28.0

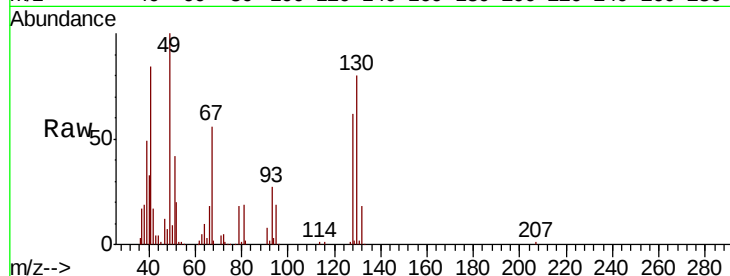




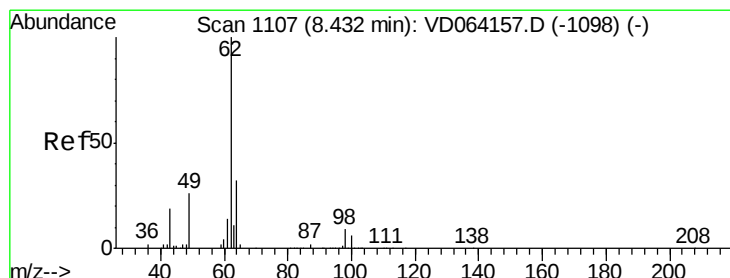
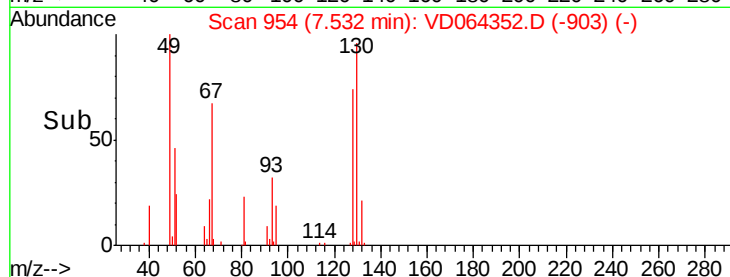
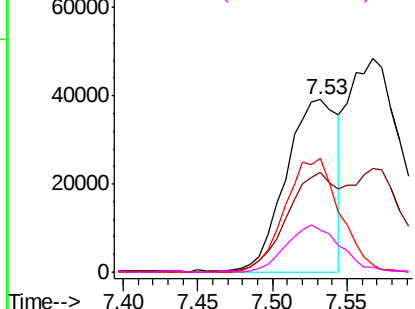
#41  
Methacrylonitrile  
Concen: 48.519 ug/l  
RT: 7.53 min Scan# 954  
Delta R.T. 0.00 min  
Lab File: VD064352.D  
Acq: 25 Nov 2019 10:50

Instrument :  
MSVOA\_D  
ClientSampled :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 95108 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 55.4  | 49.4  | 74.2  |
| 67       | 69.4  | 49.6  | 74.4  |
| 52       | 28.6  | 21.4  | 32.0  |

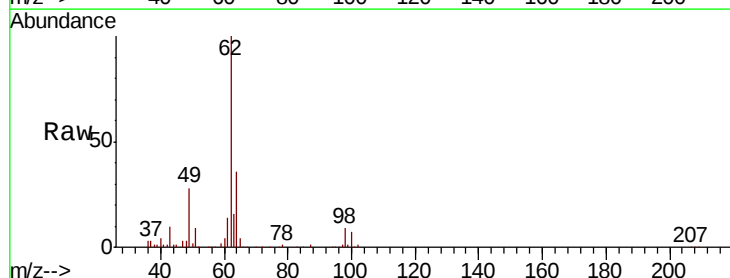


Abundance Ion 41.00 (40.70 to 41.70): VDC  
Ion 39.00 (38.70 to 39.70): VDC  
Ion 67.00 (66.70 to 67.70): VDC  
Ion 52.00 (51.70 to 52.70): VDC

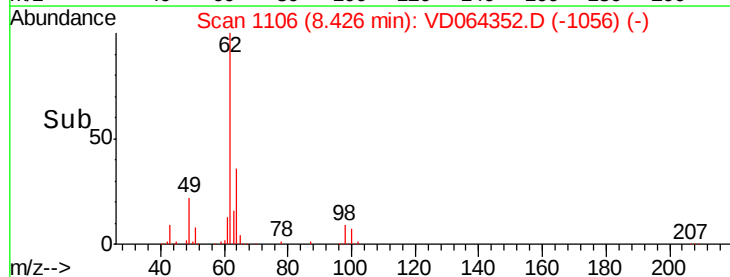
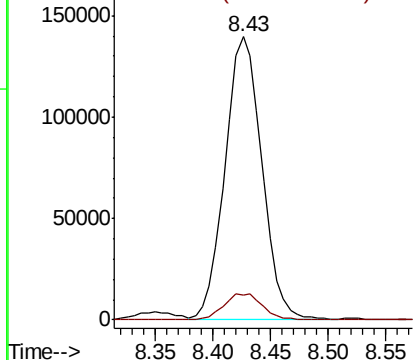


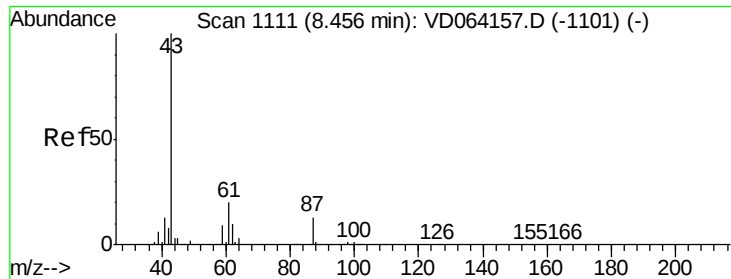
#42  
1,2-Dichloroethane  
Concen: 50.734 ug/l  
RT: 8.43 min Scan# 1106  
Delta R.T. -0.01 min  
Lab File: VD064352.D  
Acq: 25 Nov 2019 10:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 308081 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.7   | 0.0   | 19.0   |



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

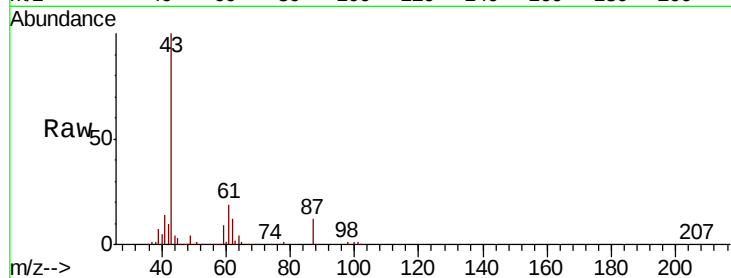




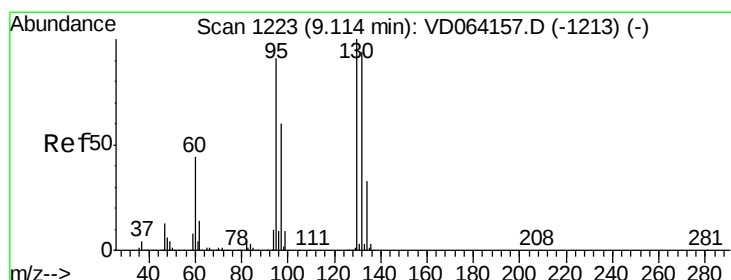
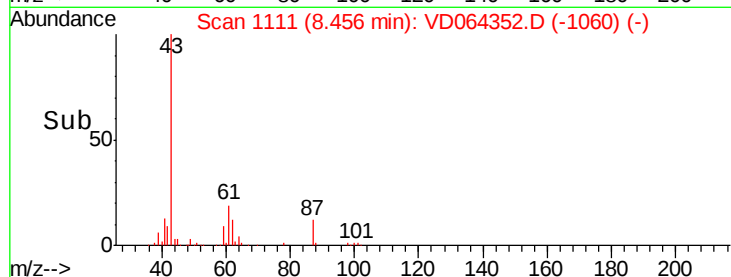
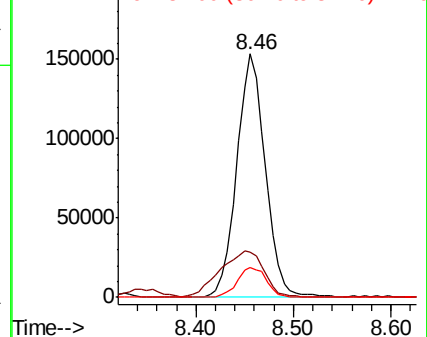
#43  
Isopropyl Acetate  
Concen: 48.730 ug/l  
RT: 8.46 min Scan# 1111  
Delta R.T. 0.00 min  
Lab File: VD064352.D  
Acq: 25 Nov 2019 10:50

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 43 Resp: 313135  
Ion Ratio Lower Upper  
43 100  
61 29.1 22.9 34.3  
87 12.6 10.2 15.2

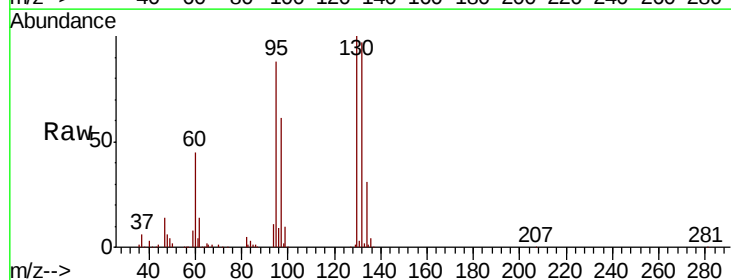


Abundance Ion 43.00 (42.70 to 43.70): VDC  
Ion 61.00 (60.70 to 61.70): VDC  
Ion 87.00 (86.70 to 87.70): VDC

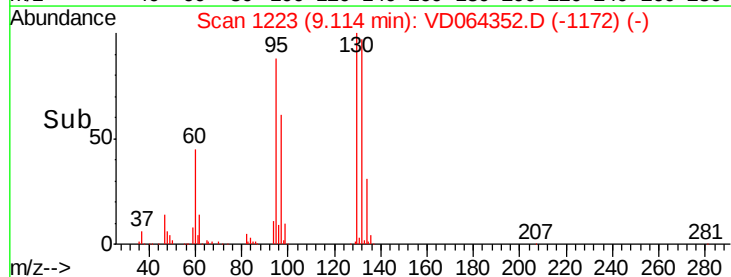
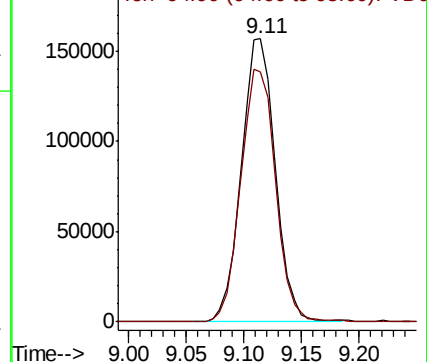


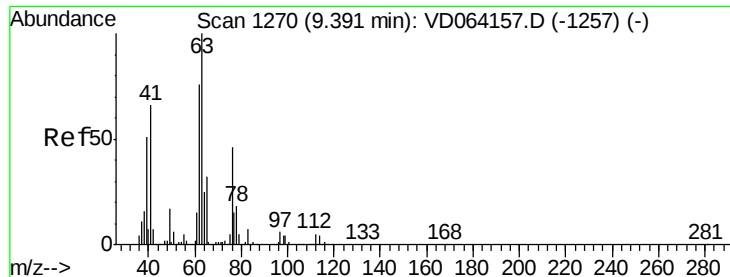
#44  
Trichloroethene  
Concen: 52.802 ug/l  
RT: 9.11 min Scan# 1223  
Delta R.T. 0.00 min  
Lab File: VD064352.D  
Acq: 25 Nov 2019 10:50

Tgt Ion: 130 Resp: 320416  
Ion Ratio Lower Upper  
130 100  
95 88.5 0.0 181.6



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

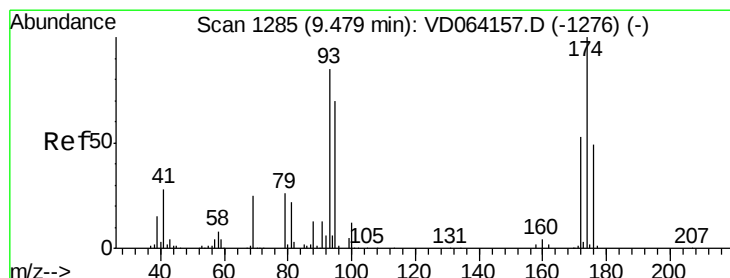
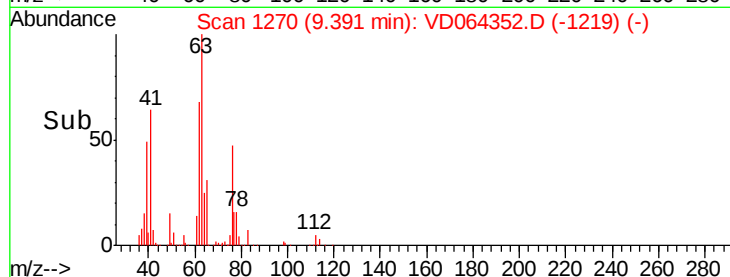
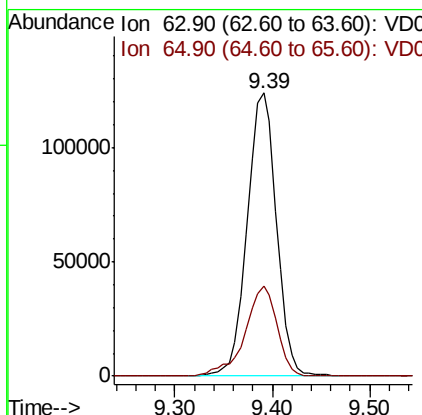
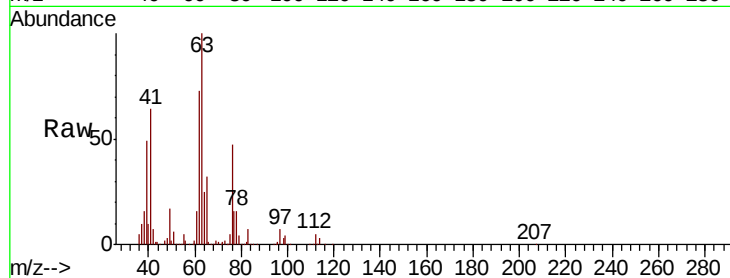




#45  
 1,2-Dichloropropane  
 Concen: 52.663 ug/l  
 RT: 9.39 min Scan# 1270  
 Delta R.T. 0.00 min  
 Lab File: VD064352.D  
 Acq: 25 Nov 2019 10:50

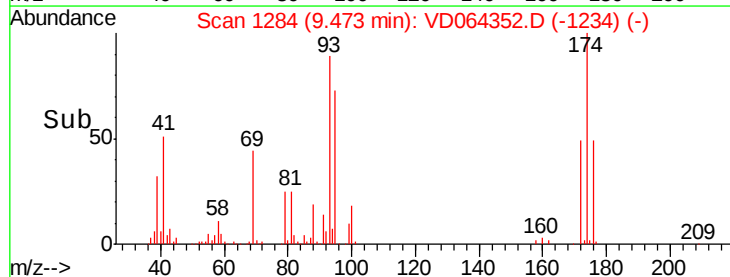
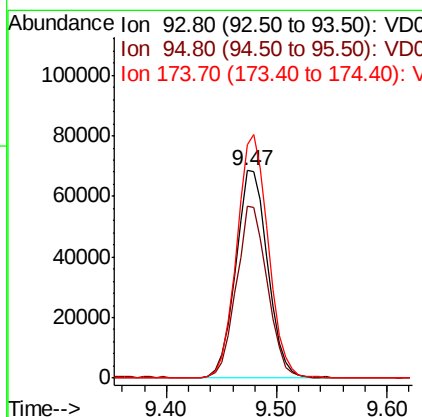
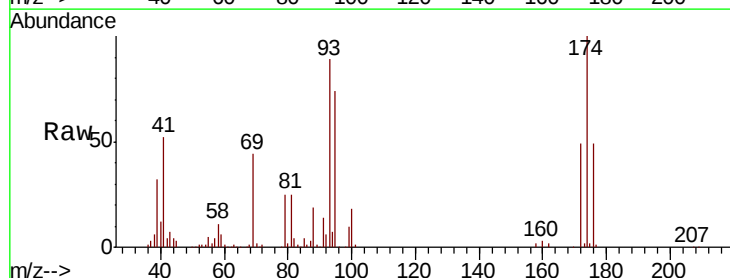
Instrument :  
 MSVOA\_D  
 ClientSampled :

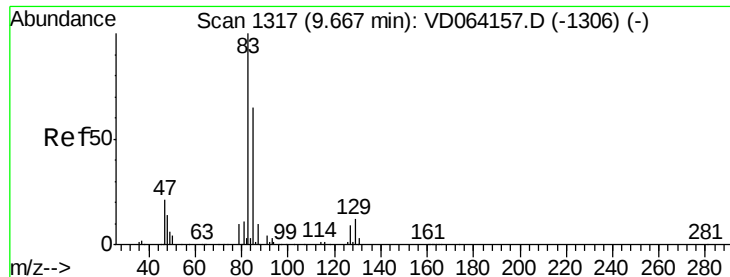
Tot Ion: 63 Resp: 259160  
 Ion Ratio Lower Upper  
 63 100  
 65 31.7 25.7 38.5



#46  
 Dibromomethane  
 Concen: 53.010 ug/l  
 RT: 9.47 min Scan# 1284  
 Delta R.T. -0.01 min  
 Lab File: VD064352.D  
 Acq: 25 Nov 2019 10:50

Tgt Ion: 93 Resp: 139657  
 Ion Ratio Lower Upper  
 93 100  
 95 81.1 65.5 98.3  
 174 115.3 93.9 140.9





#47

Bromodichloromethane

Concen: 53.614 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD064352.D

Acq: 25 Nov 2019 10:50

Instrument :

MSVOA\_D

ClientSampleId :

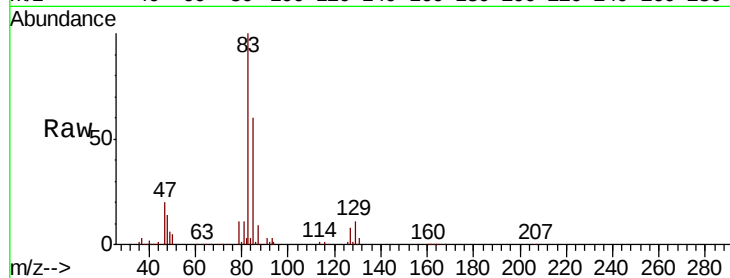
Tot Ion: 83 Resp: 380474

Ion Ratio Lower Upper

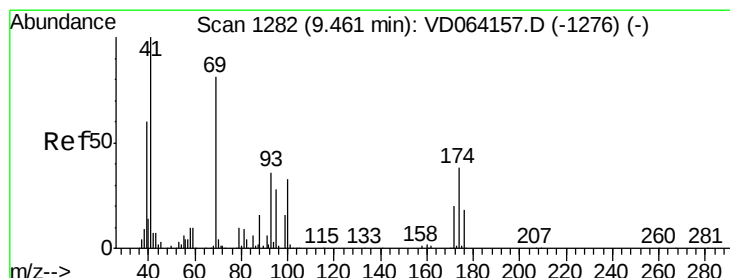
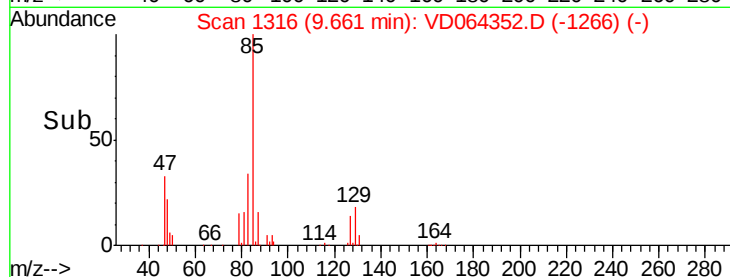
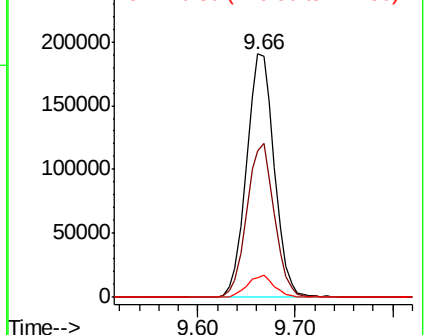
83 100

85 60.1 52.2 78.4

127 8.1 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: 45.222 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD064352.D

Acq: 25 Nov 2019 10:50

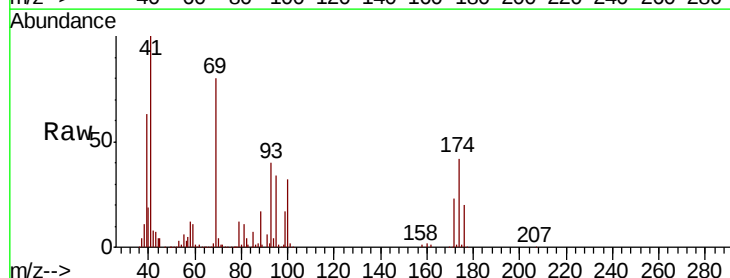
Tgt Ion: 41 Resp: 142095

Ion Ratio Lower Upper

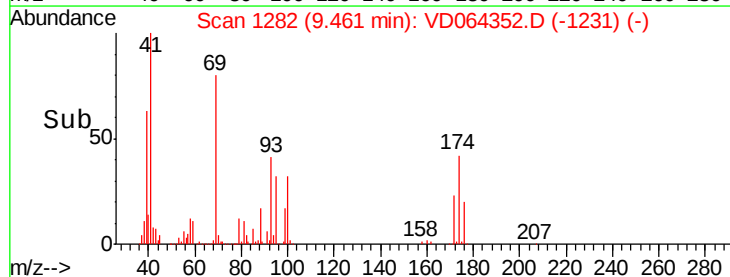
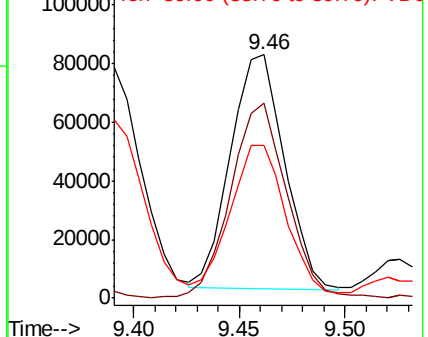
41 100

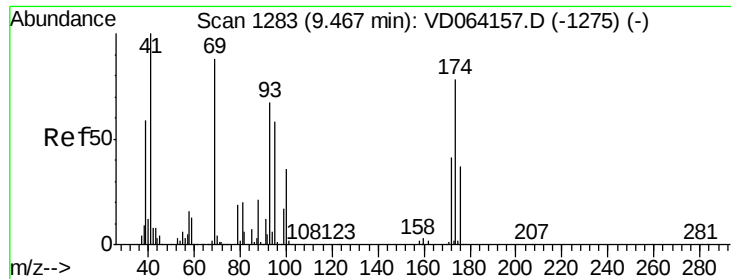
69 85.7 64.6 97.0

39 63.6 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

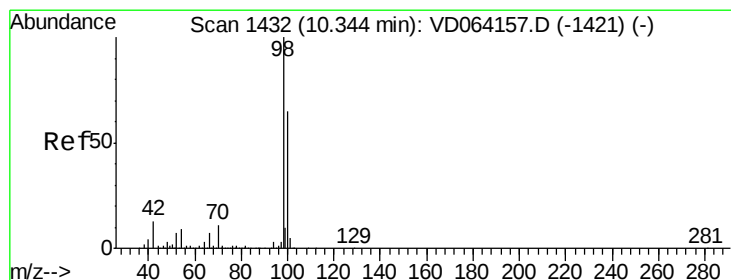
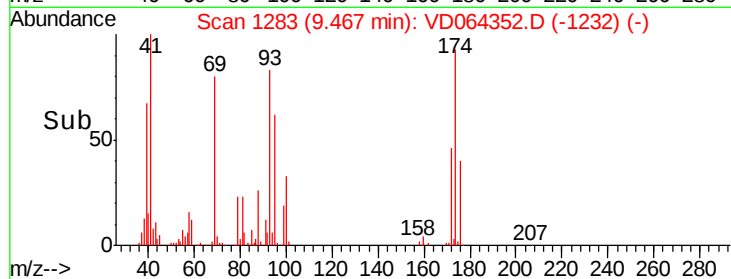
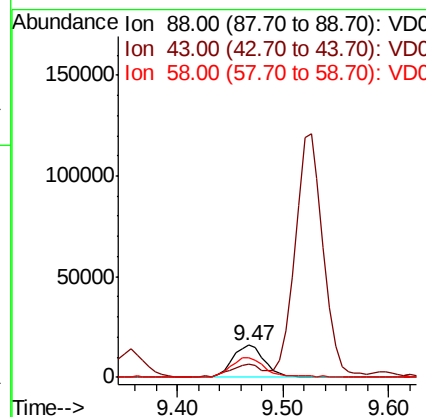
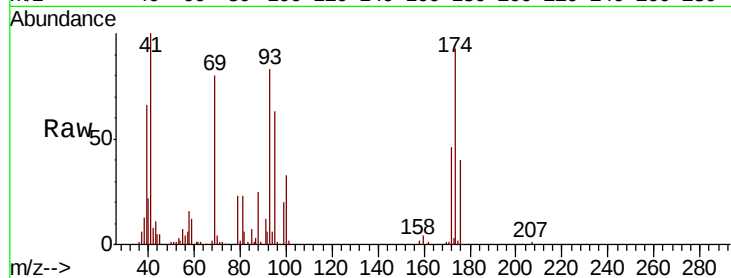




#49  
1,4-Dioxane  
Concen: 1056.351 ug/l  
RT: 9.47 min Scan# 1283  
Delta R.T. 0.00 min  
Lab File: VD064352.D  
Acq: 25 Nov 2019 10:50

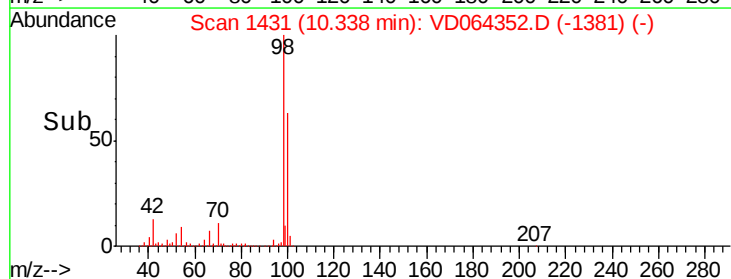
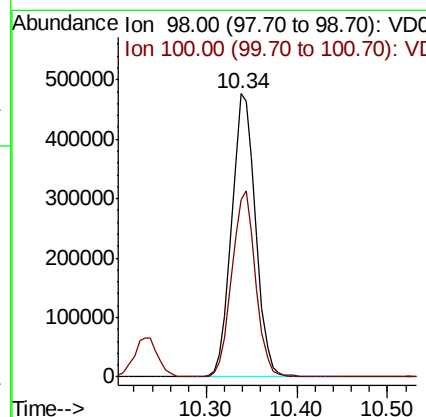
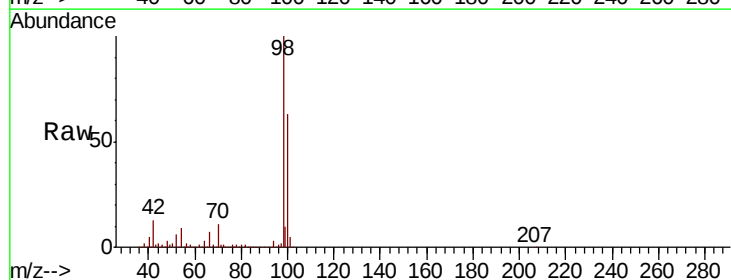
Instrument :  
MSVOA\_D  
ClientSampleId :

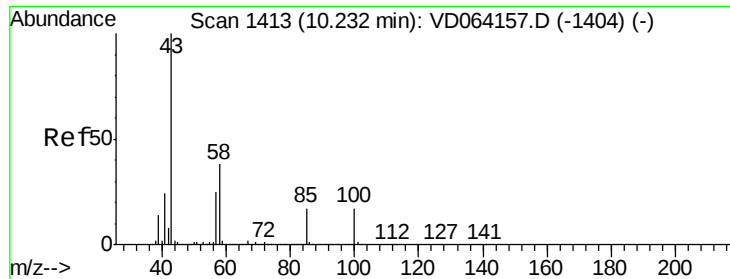
Tot Ion: 88 Resp: 33424  
Ion Ratio Lower Upper  
88 100  
43 34.8 29.8 44.8  
58 64.4 58.1 87.1



#50  
Toluene-d8  
Concen: 50.394 ug/l  
RT: 10.34 min Scan# 1431  
Delta R.T. -0.01 min  
Lab File: VD064352.D  
Acq: 25 Nov 2019 10:50

Tgt Ion: 98 Resp: 874727  
Ion Ratio Lower Upper  
98 100  
100 64.9 52.6 78.8

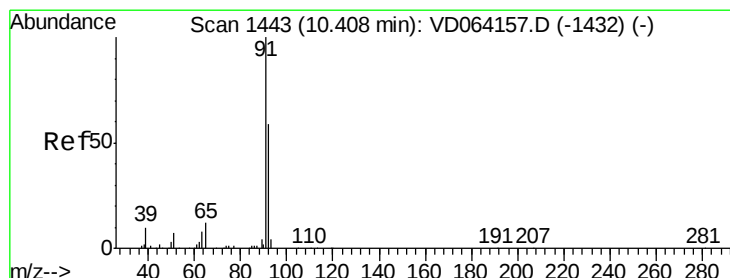
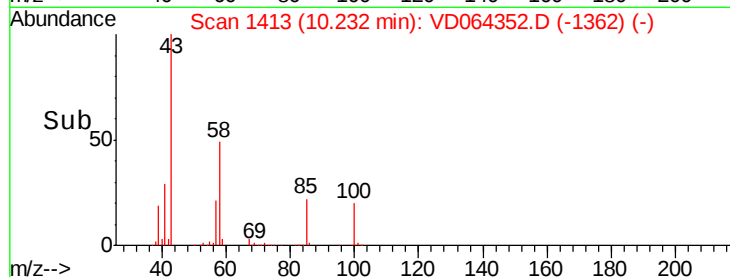
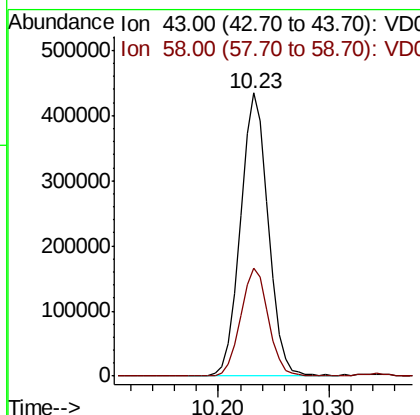
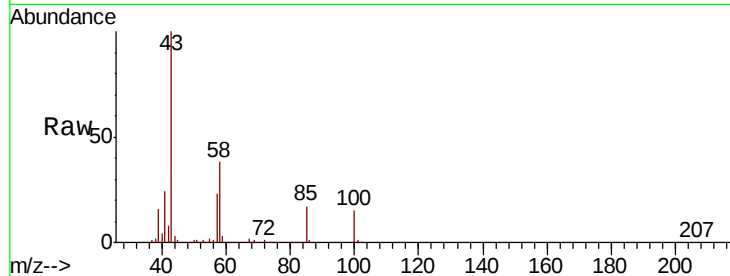




#51  
 4-Methyl-2-Pentanone  
 Concen: 249.359 ug/l  
 RT: 10.23 min Scan# 1413  
 Delta R.T. 0.00 min  
 Lab File: VD064352.D  
 Acq: 25 Nov 2019 10:50

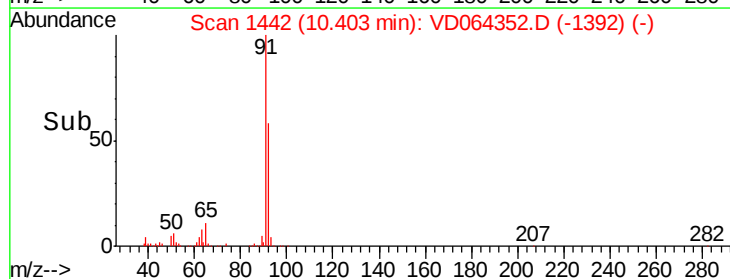
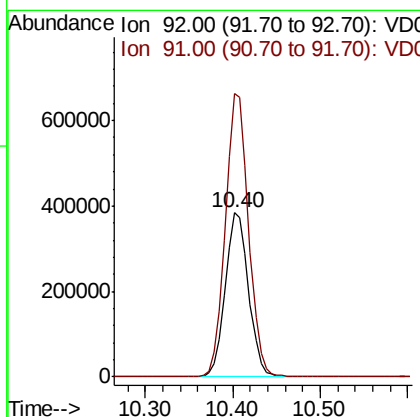
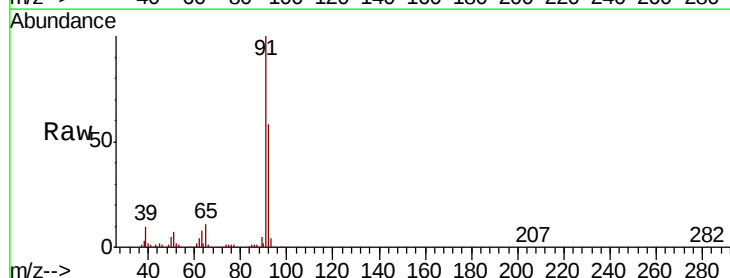
Instrument :  
 MSVOA\_D  
 ClientSampleID :

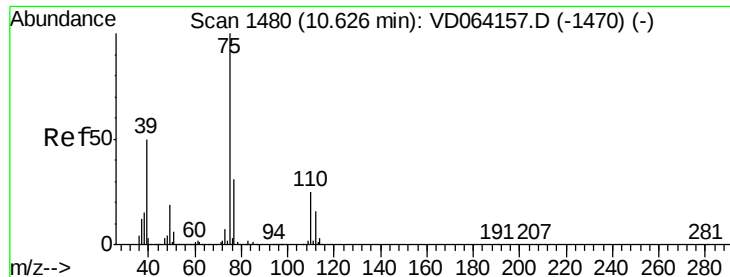
Tot Ion: 43 Resp: 768403  
 Ion Ratio Lower Upper  
 43 100  
 58 38.1 30.2 45.4



#52  
 Toluene  
 Concen: 52.748 ug/l  
 RT: 10.40 min Scan# 1442  
 Delta R.T. -0.01 min  
 Lab File: VD064352.D  
 Acq: 25 Nov 2019 10:50

Tgt Ion: 92 Resp: 701274  
 Ion Ratio Lower Upper  
 92 100  
 91 171.7 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 50.514 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD064352.D

Acq: 25 Nov 2019 10:50

Instrument :

MSVOA\_D

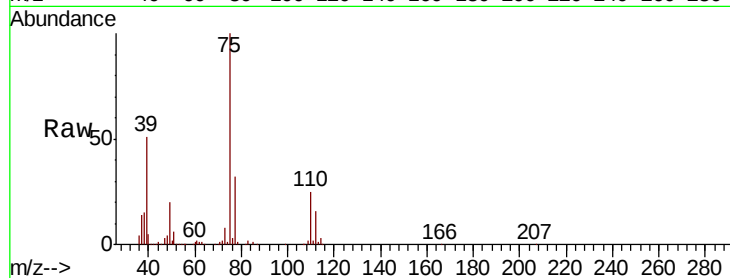
ClientSampleId :

Tot Ion: 75 Resp: 359134

Ion Ratio Lower Upper

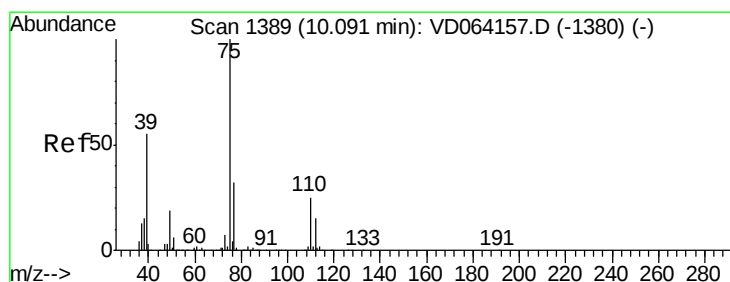
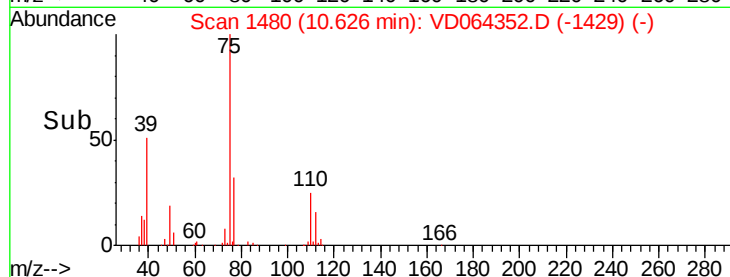
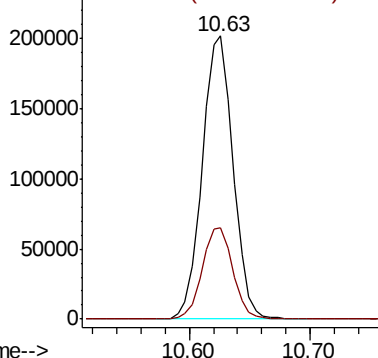
75 100

77 32.2 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 51.328 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD064352.D

Acq: 25 Nov 2019 10:50

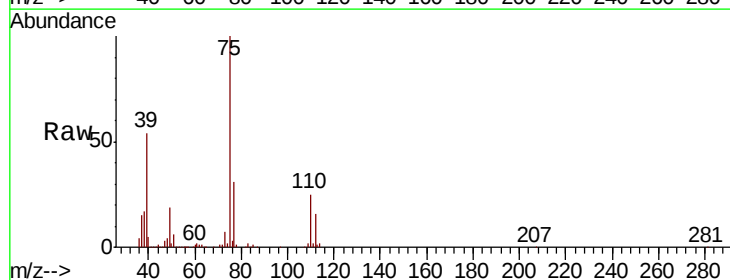
Tgt Ion: 75 Resp: 425827

Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8

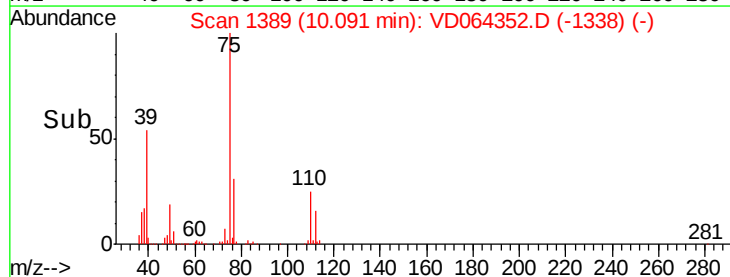
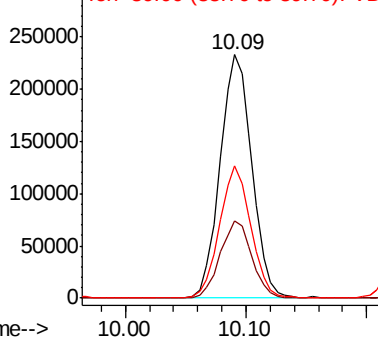
39 54.0 44.2 66.2

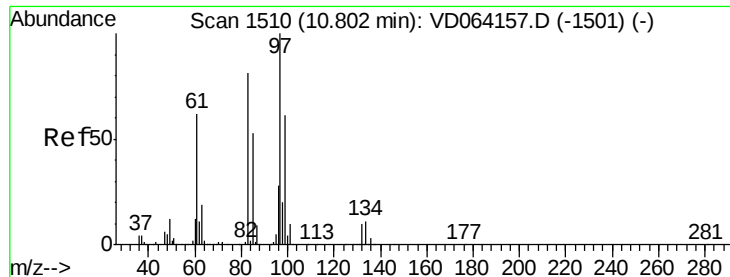


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

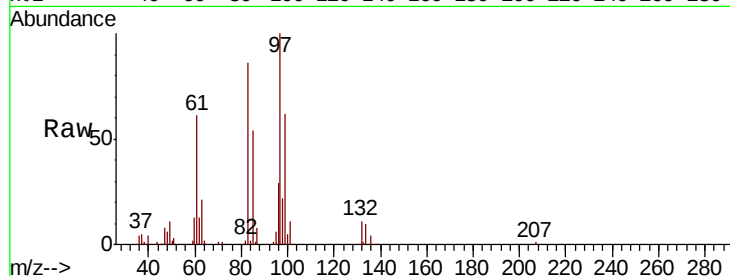




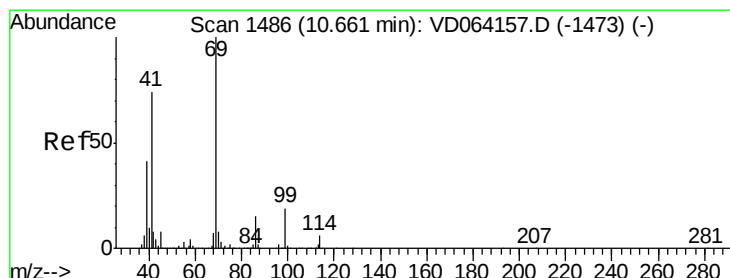
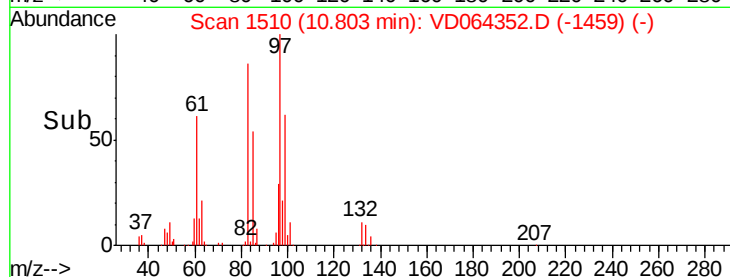
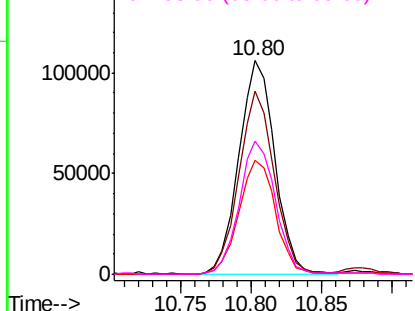
#55  
 1,1,2-Trichloroethane  
 Concen: 53.019 ug/l  
 RT: 10.80 min Scan# 1510  
 Delta R.T. 0.00 min  
 Lab File: VD064352.D  
 Acq: 25 Nov 2019 10:50

Instrument :  
 MSVOA\_D  
 ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 189490 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 85.8  | 65.1  | 97.7   |
| 85       | 53.4  | 42.0  | 63.0   |
| 99       | 62.4  | 48.9  | 73.3   |

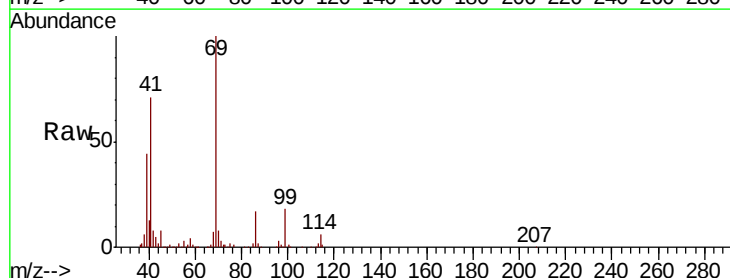


Abundance Ion 96.90 (96.60 to 97.60): VDC  
 Ion 82.90 (82.60 to 83.60): VDC  
 Ion 84.90 (84.60 to 85.60): VDC  
 Ion 98.90 (98.60 to 99.60): VDC

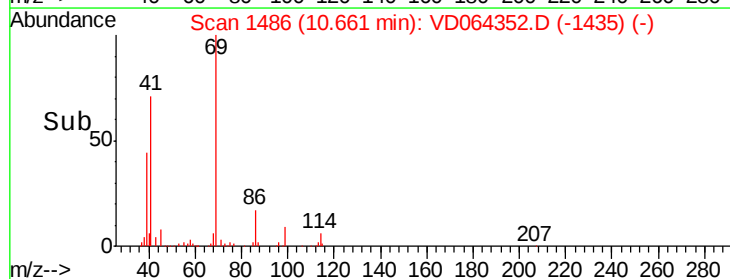
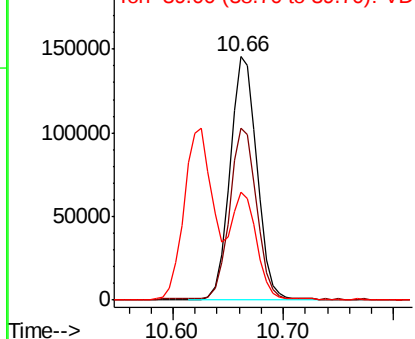


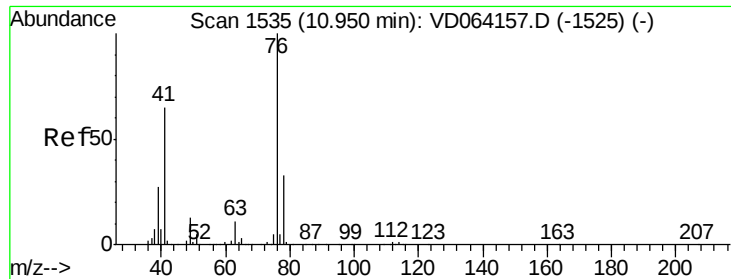
#56  
 Ethyl methacrylate  
 Concen: 49.992 ug/l  
 RT: 10.66 min Scan# 1486  
 Delta R.T. 0.00 min  
 Lab File: VD064352.D  
 Acq: 25 Nov 2019 10:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 249937 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 69.9  | 57.9  | 86.9   |
| 39       | 42.7  | 29.0  | 43.4   |



Abundance Ion 69.00 (68.70 to 69.70): VDC  
 Ion 41.00 (40.70 to 41.70): VDC  
 Ion 39.00 (38.70 to 39.70): VDC

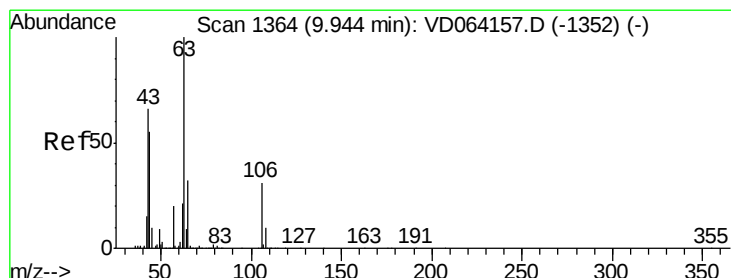
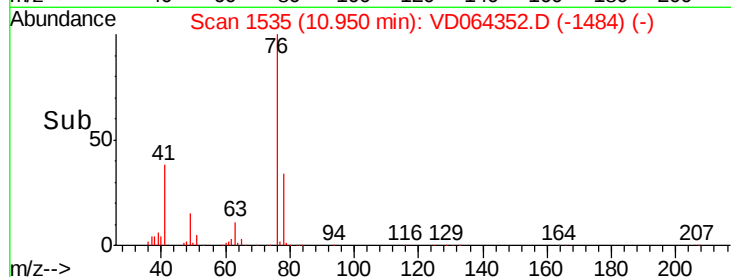
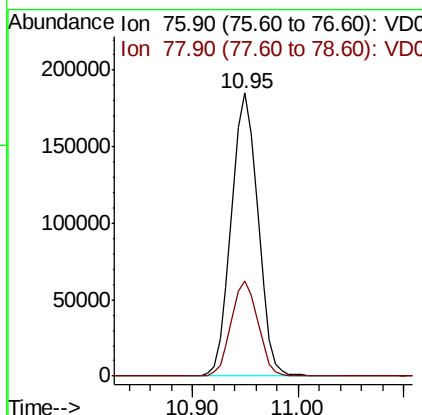
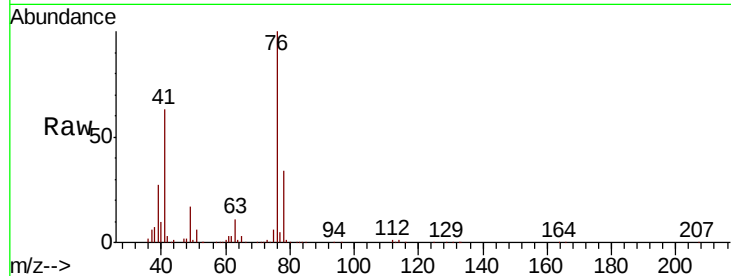




#57  
 1,3-Dichloropropane  
 Concen: 51.838 ug/l  
 RT: 10.95 min Scan# 1535  
 Delta R.T. 0.00 min  
 Lab File: VD064352.D  
 Acq: 25 Nov 2019 10:50

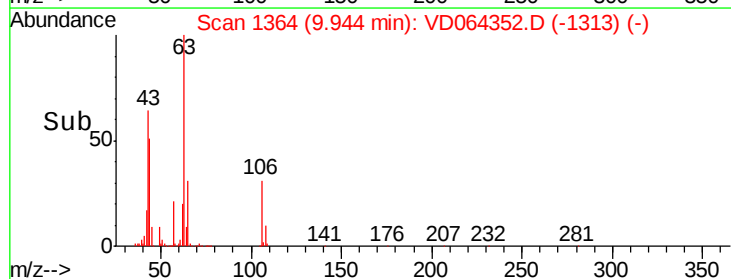
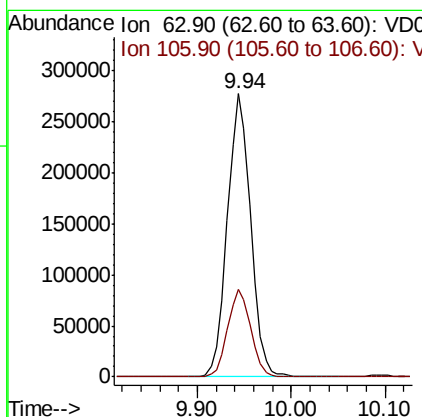
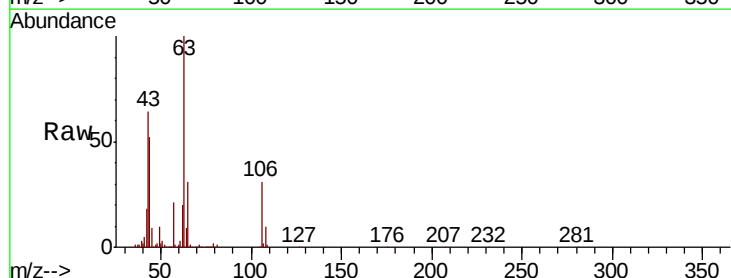
Instrument :  
 MSVOA\_D  
 ClientSampleId :

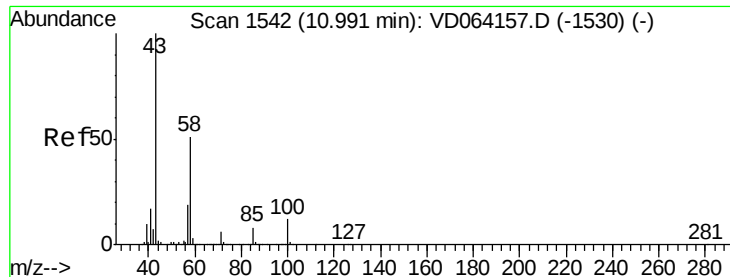
Tot Ion: 76 Resp: 323105  
 Ion Ratio Lower Upper  
 76 100  
 78 33.8 26.2 39.4



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 235.873 ug/l  
 RT: 9.94 min Scan# 1364  
 Delta R.T. 0.00 min  
 Lab File: VD064352.D  
 Acq: 25 Nov 2019 10:50

Tgt Ion: 63 Resp: 477685  
 Ion Ratio Lower Upper  
 63 100  
 106 30.6 24.1 36.1

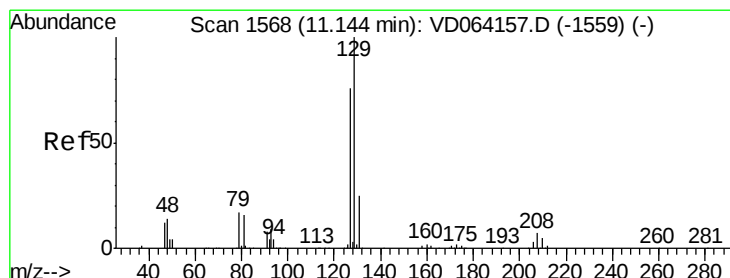
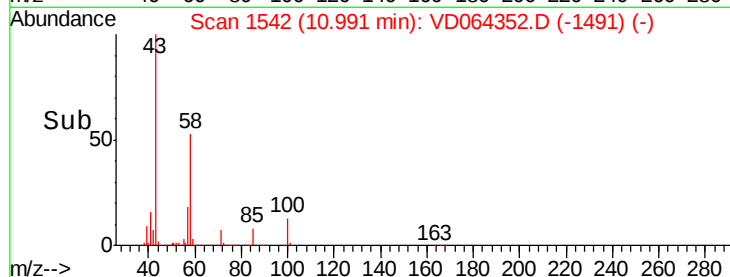
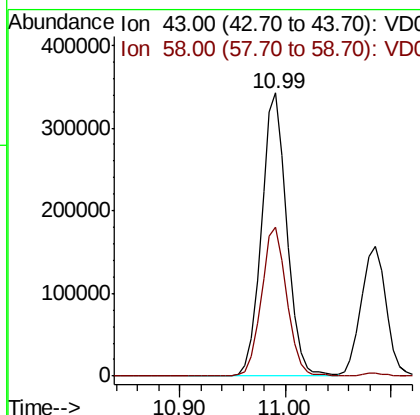
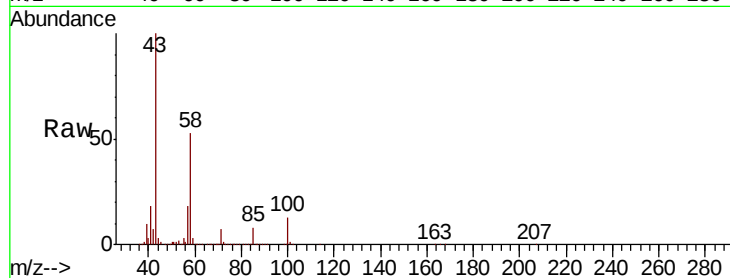




#59  
2-Hexanone  
Concen: 260.287 ug/l  
RT: 10.99 min Scan# 1542  
Delta R.T. 0.00 min  
Lab File: VD064352.D  
Acq: 25 Nov 2019 10:50

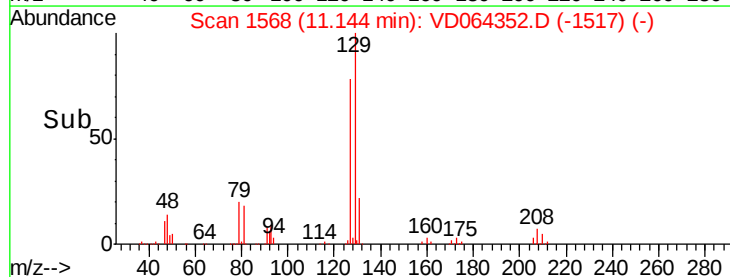
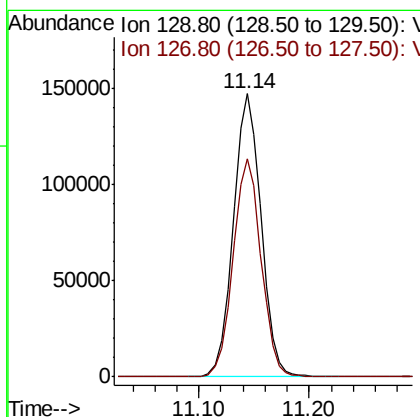
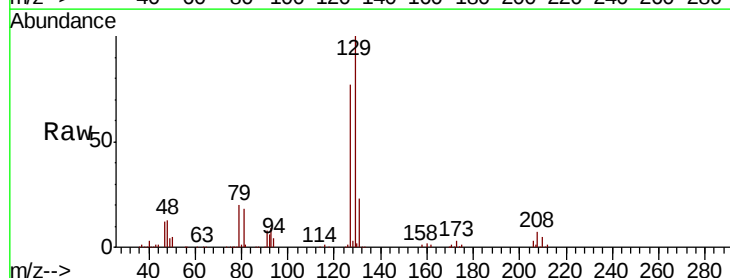
Instrument :  
MSVOA\_D  
ClientSampled :

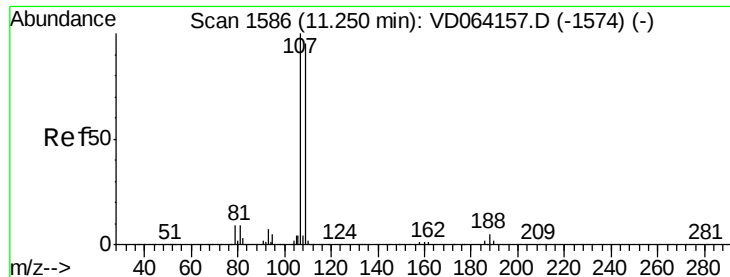
Tot Ion: 43 Resp: 570634  
Ion Ratio Lower Upper  
43 100  
58 52.7 25.9 77.7



#60  
Dibromochloromethane  
Concen: 52.065 ug/l  
RT: 11.14 min Scan# 1568  
Delta R.T. 0.00 min  
Lab File: VD064352.D  
Acq: 25 Nov 2019 10:50

Tgt Ion: 129 Resp: 259650  
Ion Ratio Lower Upper  
129 100  
127 78.0 38.6 115.8





#61

1,2-Dibromoethane

Concen: 52.402 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VD064352.D

Acq: 25 Nov 2019 10:50

Instrument :

MSVOA\_D

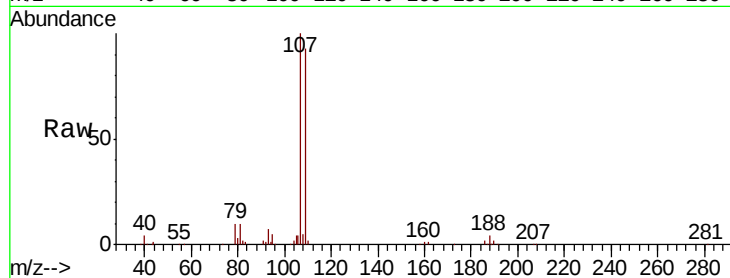
ClientSampleId :

Tot Ion:107 Resp: 187583

Ion Ratio Lower Upper

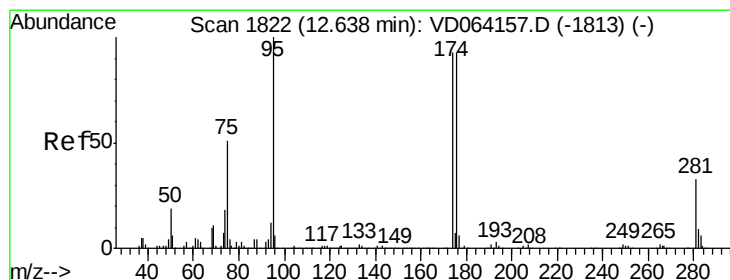
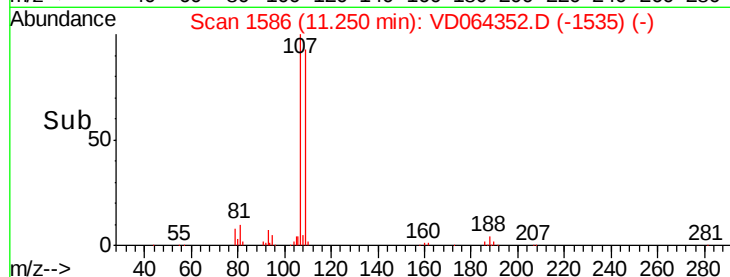
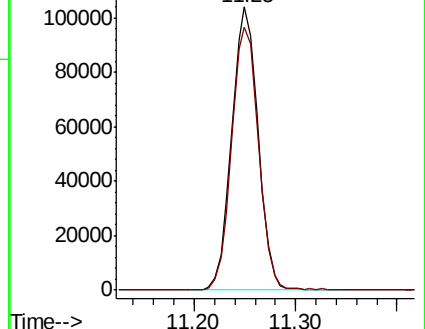
107 100

109 95.0 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.021 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064352.D

Acq: 25 Nov 2019 10:50

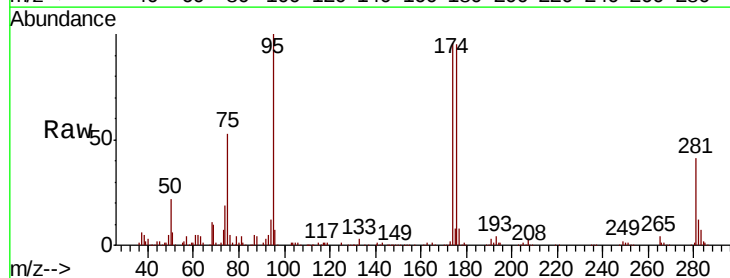
Tgt Ion: 95 Resp: 282649

Ion Ratio Lower Upper

95 100

174 96.4 0.0 183.6

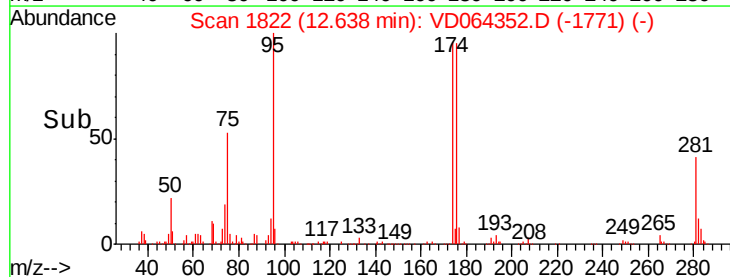
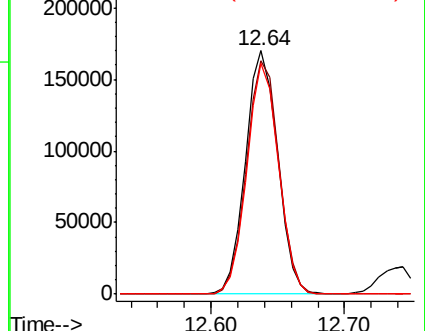
176 92.9 0.0 180.2

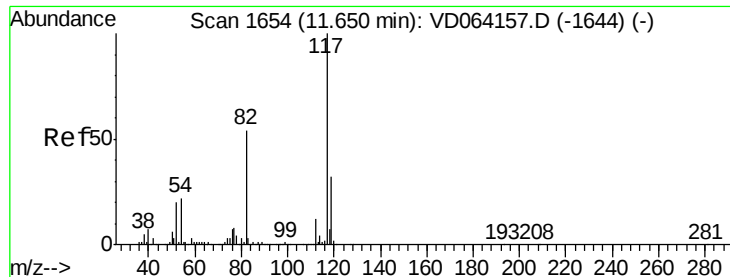


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

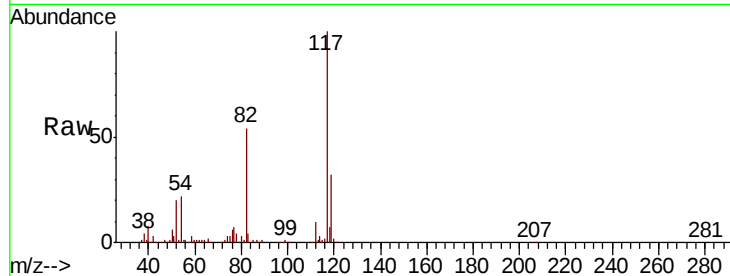




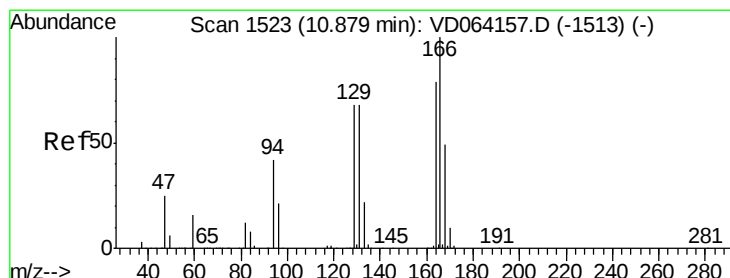
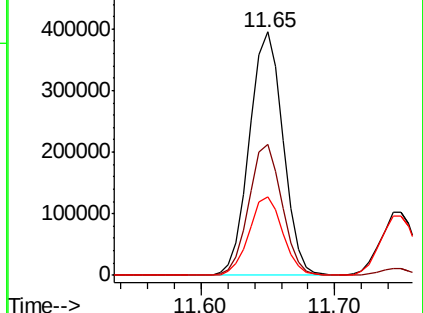
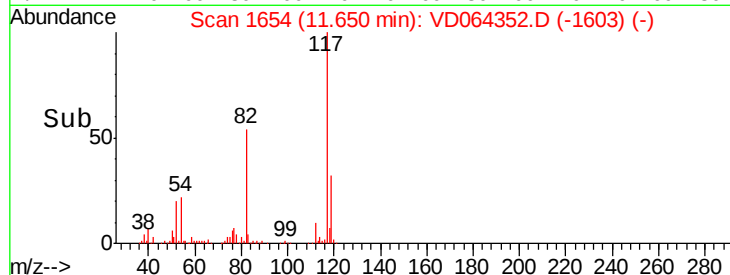
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.65 min Scan# 1654  
Delta R.T. 0.00 min  
Lab File: VD064352.D  
Acq: 25 Nov 2019 10:50

Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion:117 Resp: 686086  
Ion Ratio Lower Upper  
117 100  
82 53.6 42.8 64.2  
119 32.3 25.6 38.4

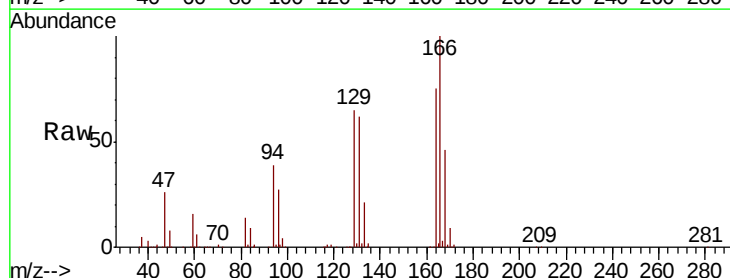


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

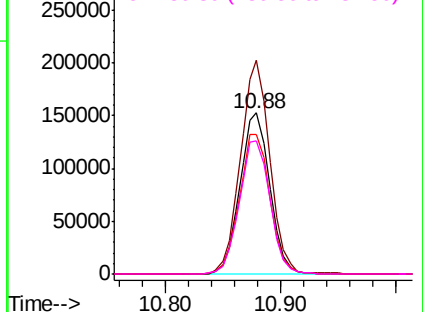
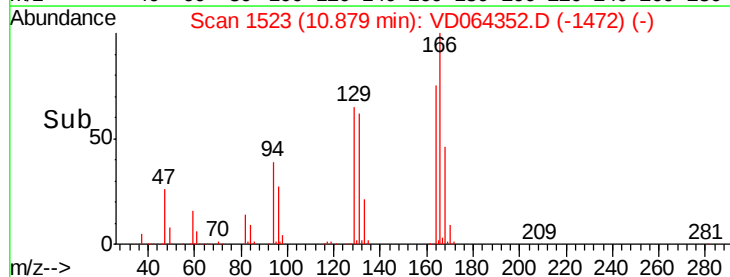


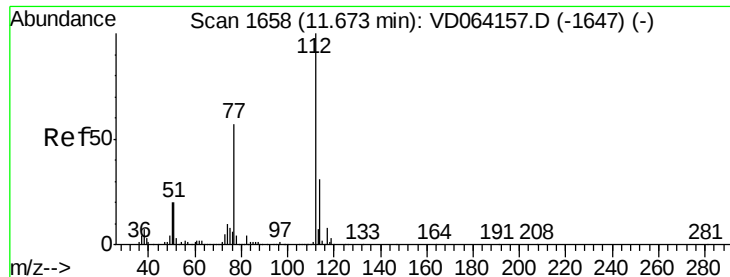
#64  
Tetrachloroethene  
Concen: 51.765 ug/l  
RT: 10.88 min Scan# 1523  
Delta R.T. 0.00 min  
Lab File: VD064352.D  
Acq: 25 Nov 2019 10:50

Tgt Ion:164 Resp: 273147  
Ion Ratio Lower Upper  
164 100  
166 132.7 100.8 151.2  
129 86.6 68.7 103.1  
131 82.8 68.1 102.1



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

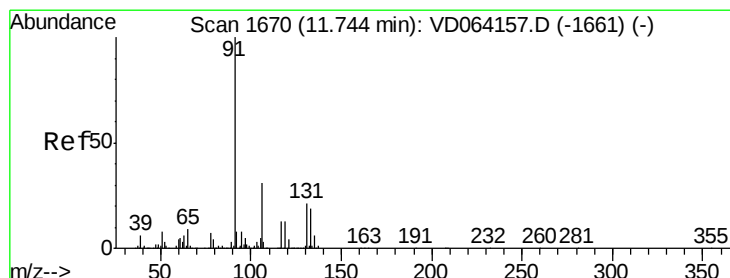
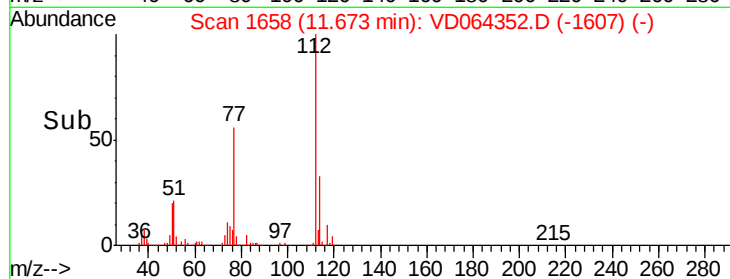
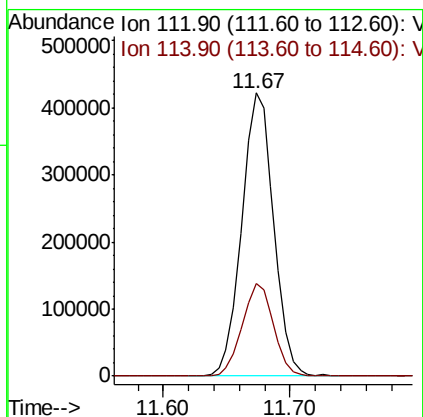
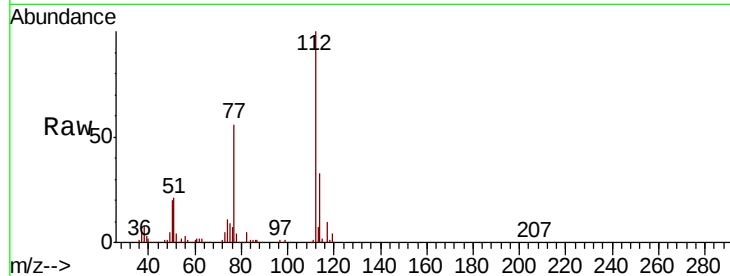




#65  
Chlorobenzene  
Concen: 52.783 ug/l  
RT: 11.67 min Scan# 1658  
Delta R.T. 0.00 min  
Lab File: VD064352.D  
Acq: 25 Nov 2019 10:50

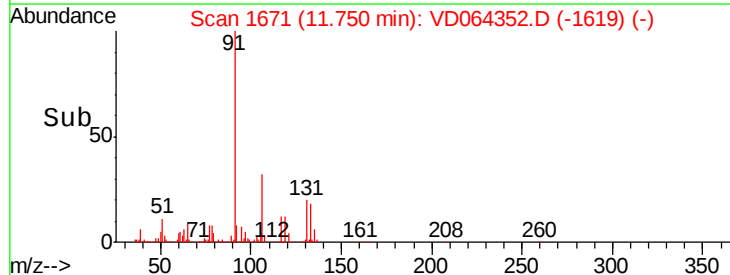
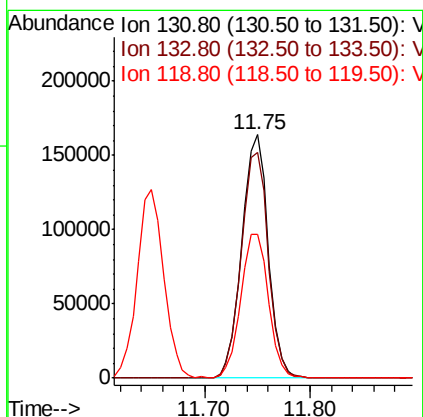
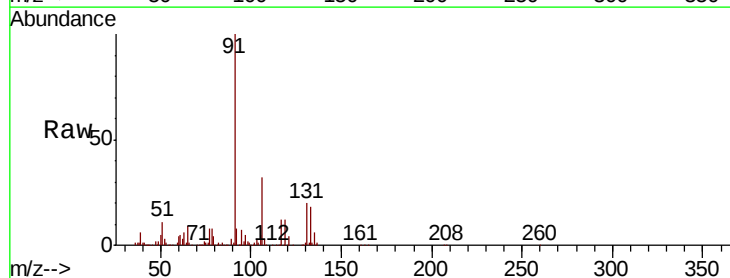
Instrument :  
MSVOA\_D  
ClientSampleId :

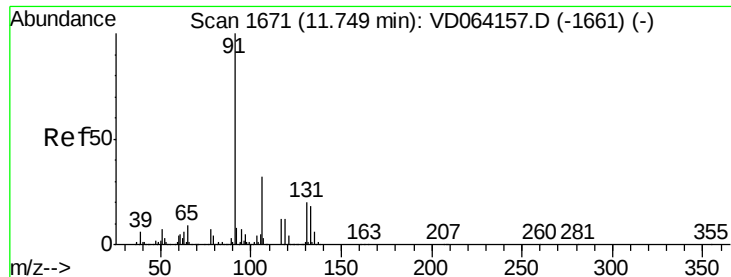
Tot Ion:112 Resp: 736410  
Ion Ratio Lower Upper  
112 100  
114 32.7 25.2 37.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 53.605 ug/l  
RT: 11.75 min Scan# 1671  
Delta R.T. 0.01 min  
Lab File: VD064352.D  
Acq: 25 Nov 2019 10:50

Tgt Ion:131 Resp: 284376  
Ion Ratio Lower Upper  
131 100  
133 95.2 47.3 141.9  
119 62.1 31.1 93.3





#67

Ethyl Benzene

Concen: 54.255 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD064352.D

Acq: 25 Nov 2019 10:50

Instrument :

MSVOA\_D

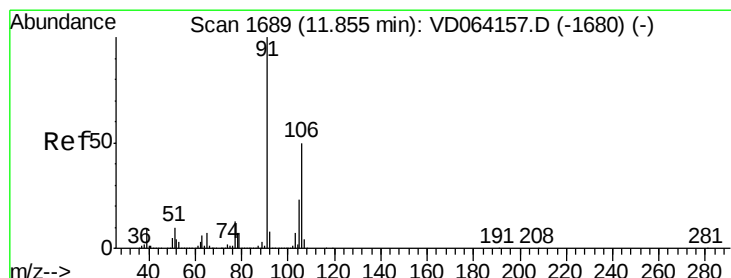
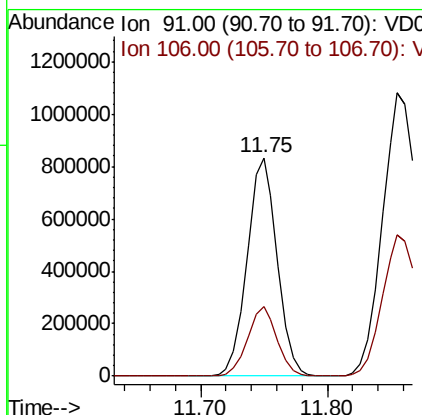
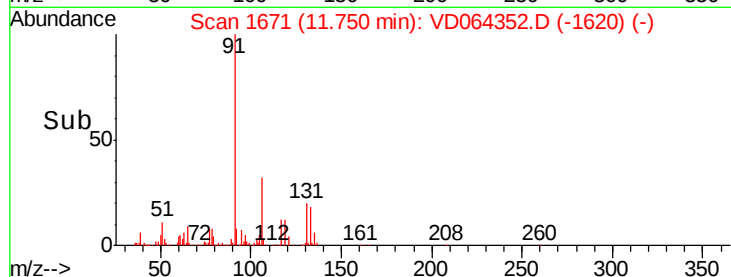
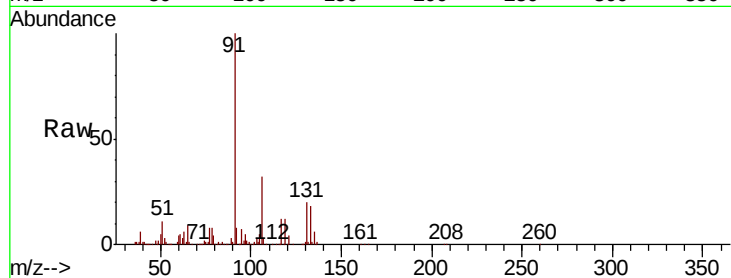
ClientSampleID :

Tot Ion: 91 Resp: 1369191

Ion Ratio Lower Upper

91 100

106 31.8 25.5 38.3



#68

m/p-Xylenes

Concen: 107.611 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD064352.D

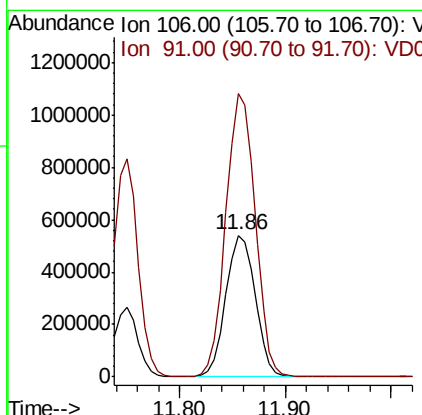
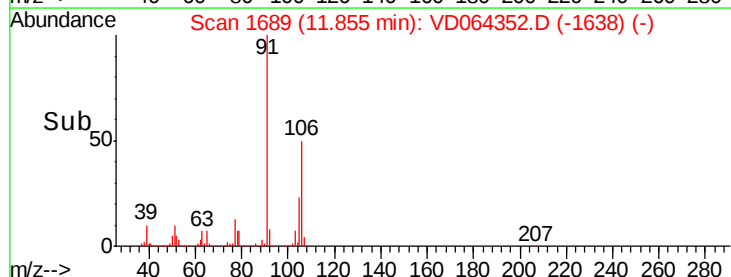
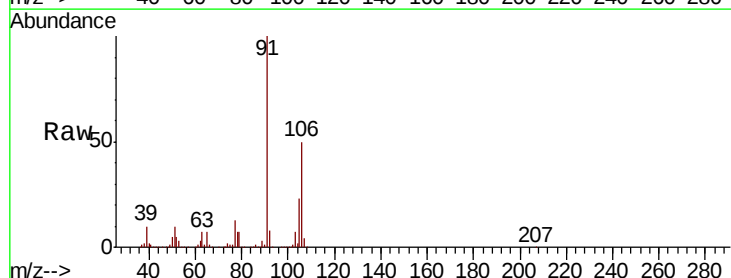
Acq: 25 Nov 2019 10:50

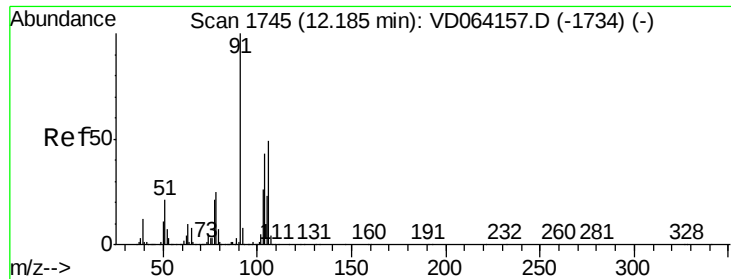
Tgt Ion: 106 Resp: 1040922

Ion Ratio Lower Upper

106 100

91 200.0 160.3 240.5

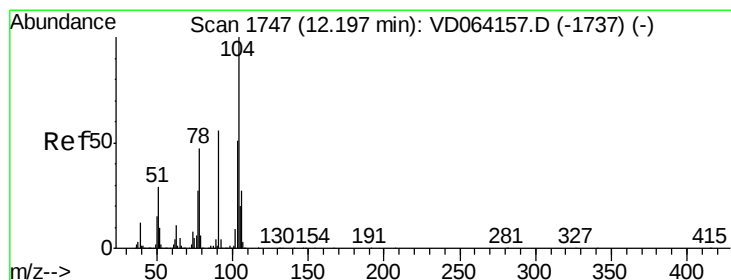
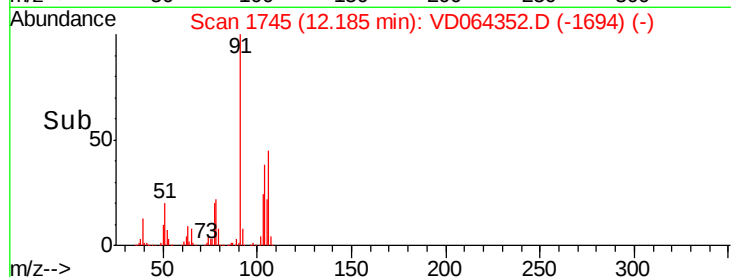
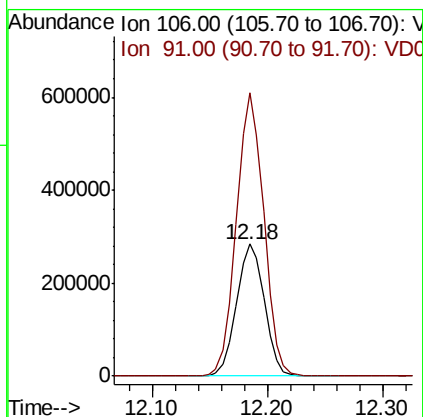
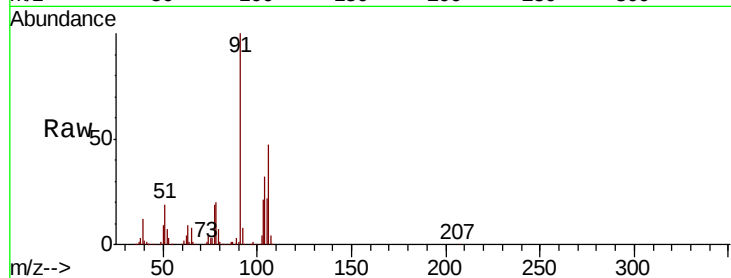




#69  
o-Xylene  
Concen: 53.177 ug/l  
RT: 12.18 min Scan# 1745  
Delta R.T. 0.00 min  
Lab File: VD064352.D  
Acq: 25 Nov 2019 10:50

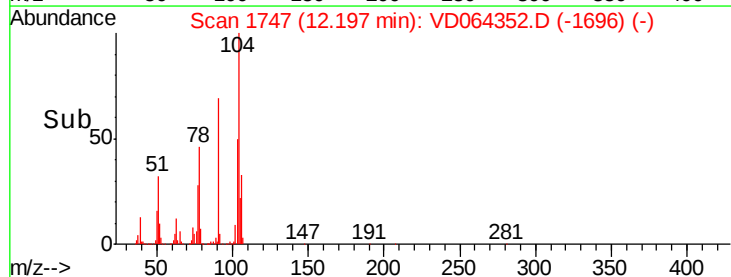
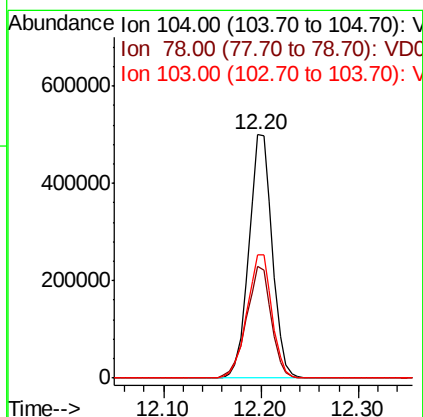
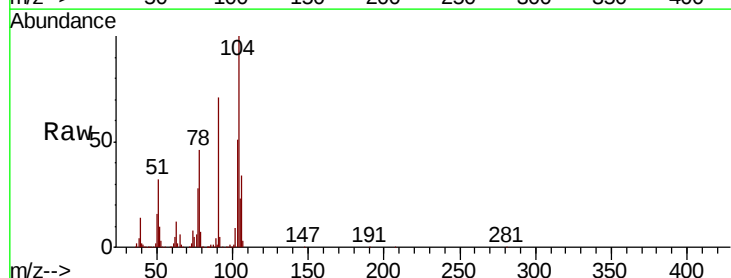
Instrument :  
MSVOA\_D  
ClientSampleId :

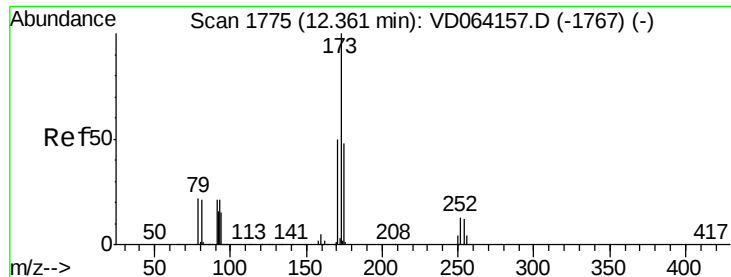
Tot Ion:106 Resp: 477062  
Ion Ratio Lower Upper  
106 100  
91 209.7 105.1 315.3



#70  
Styrene  
Concen: 53.565 ug/l  
RT: 12.20 min Scan# 1747  
Delta R.T. 0.00 min  
Lab File: VD064352.D  
Acq: 25 Nov 2019 10:50

Tgt Ion:104 Resp: 838819  
Ion Ratio Lower Upper  
104 100  
78 48.7 39.9 59.9  
103 54.3 43.4 65.0





#71

Bromoform

Concen: 52.295 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.01 min

Lab File: VD064352.D

Acq: 25 Nov 2019 10:50

Instrument :

MSVOA\_D

ClientSampleId :

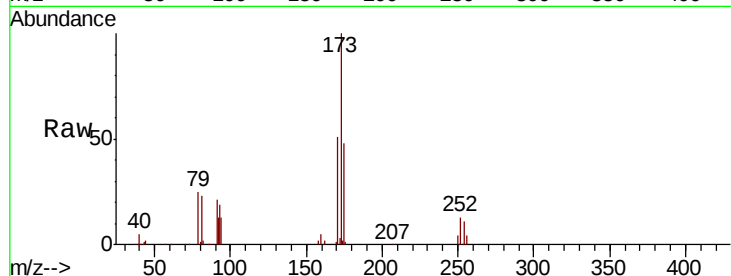
Tot Ion:173 Resp: 157883

Ion Ratio Lower Upper

173 100

175 48.8 24.1 72.3

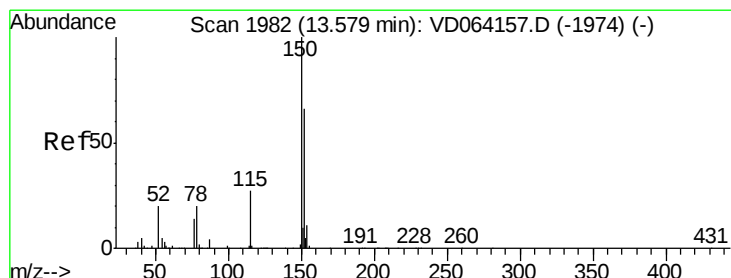
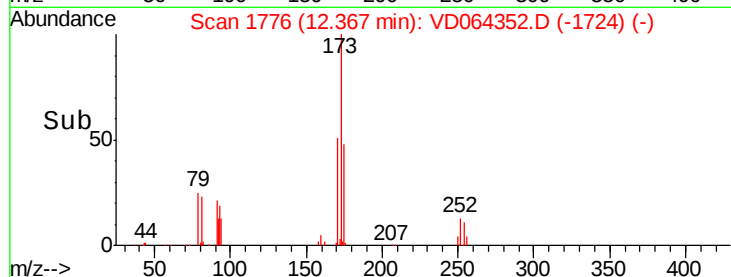
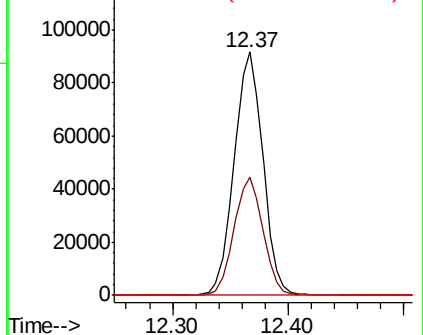
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD064352.D

Acq: 25 Nov 2019 10:50

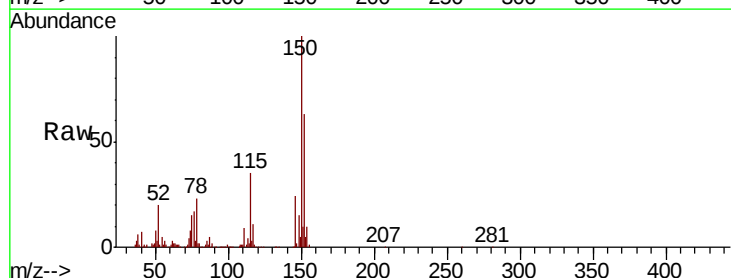
Tgt Ion:152 Resp: 342511

Ion Ratio Lower Upper

152 100

115 54.9 27.4 82.2

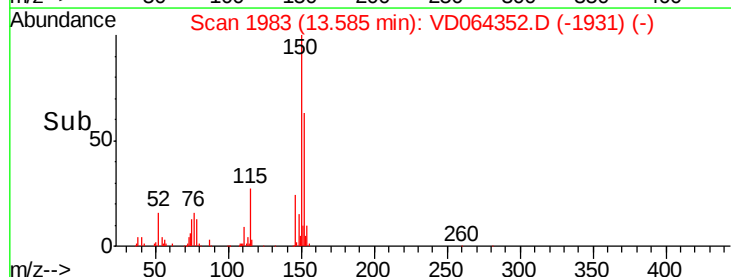
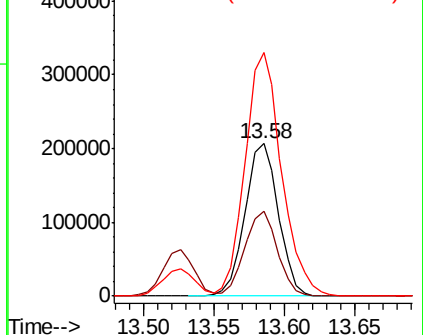
150 174.6 0.0 351.6

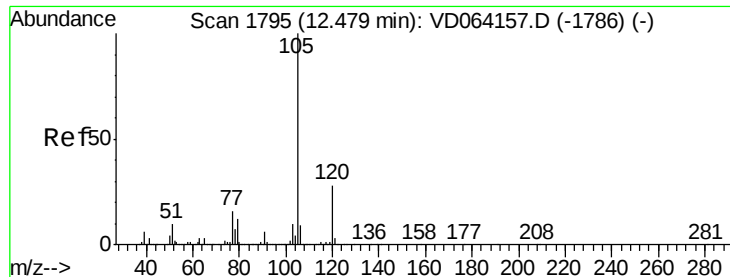


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.858 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD064352.D

Acq: 25 Nov 2019 10:50

Instrument :

MSVOA\_D

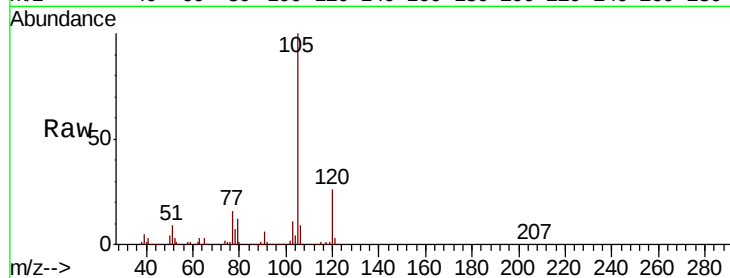
ClientSampleId :

Tot Ion:105 Resp: 1328859

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

800000

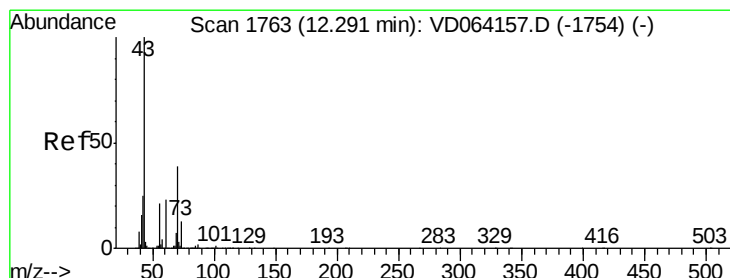
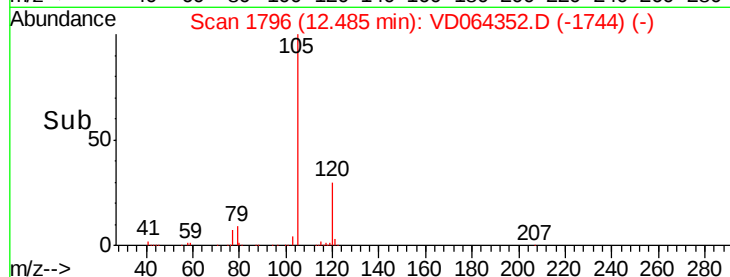
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 47.394 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD064352.D

Acq: 25 Nov 2019 10:50

Tgt Ion: 43 Resp: 281368

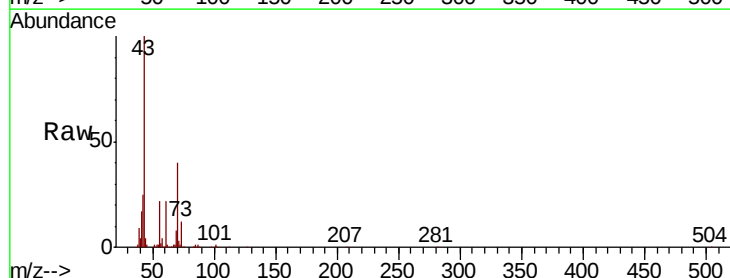
Ion Ratio Lower Upper

43 100

70 41.5 32.4 48.6

55 22.9 17.9 26.9

61 23.0 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

250000

200000

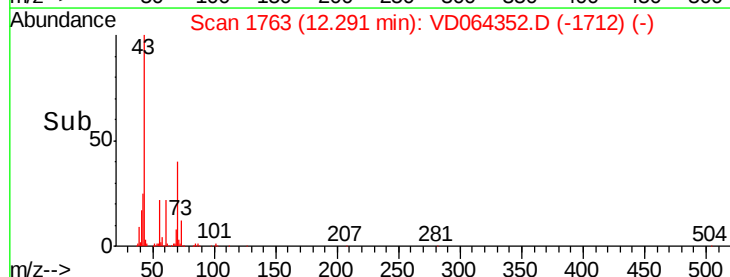
150000

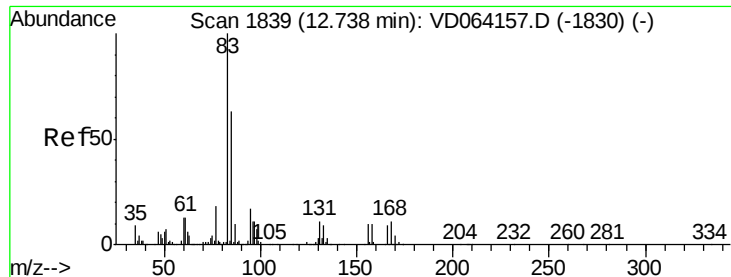
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 51.372 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD064352.D

Acq: 25 Nov 2019 10:50

Instrument :

MSVOA\_D

ClientSampleId :

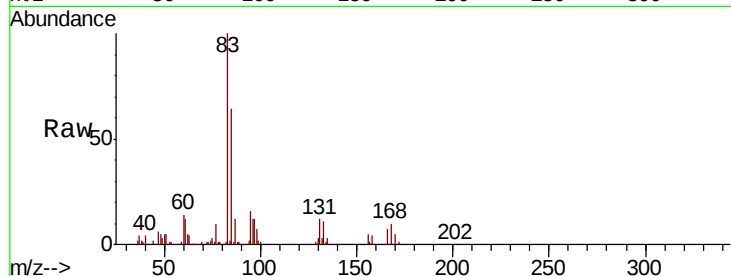
Tot Ion: 83 Resp: 194605

Ion Ratio Lower Upper

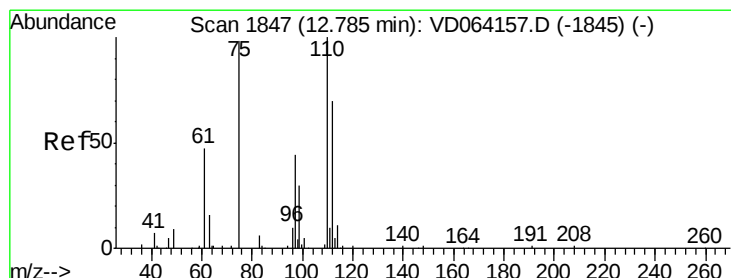
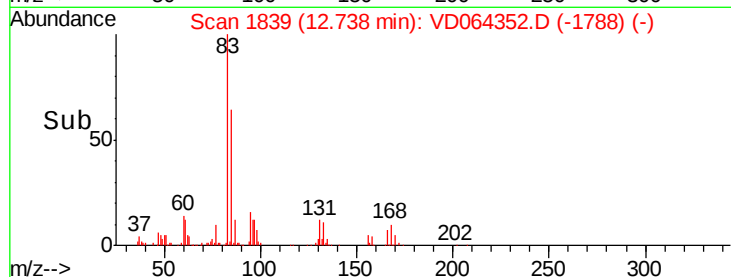
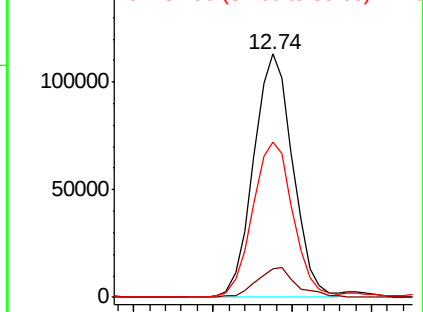
83 100

131 12.5 5.9 17.7

85 65.4 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: 97.233 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.01 min

Lab File: VD064352.D

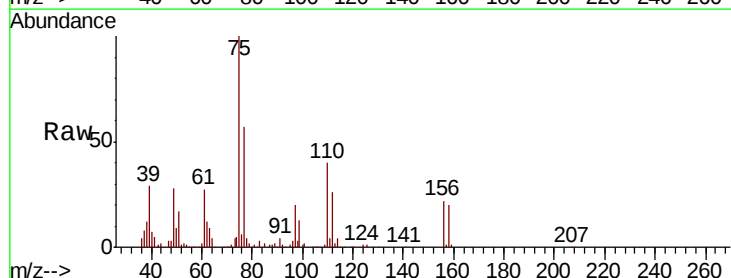
Acq: 25 Nov 2019 10:50

Tgt Ion: 75 Resp: 268249

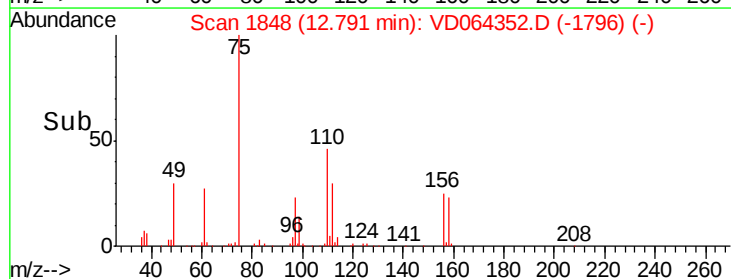
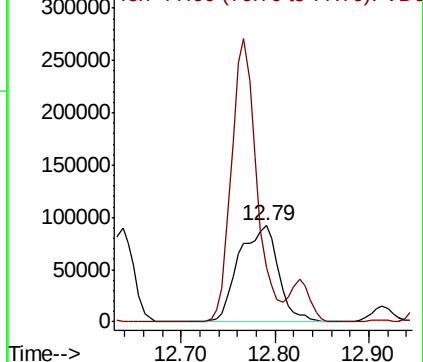
Ion Ratio Lower Upper

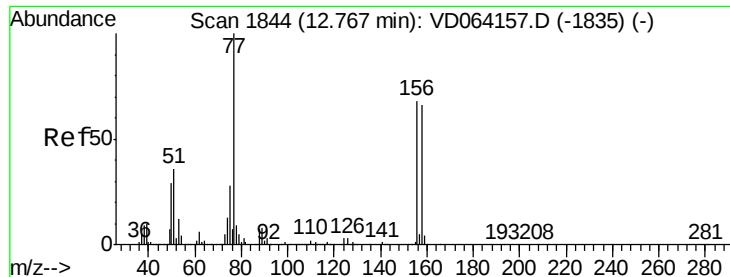
75 100

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: 51.474 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD064352.D

Acq: 25 Nov 2019 10:50

Instrument :

MSVOA\_D

ClientSampleId :

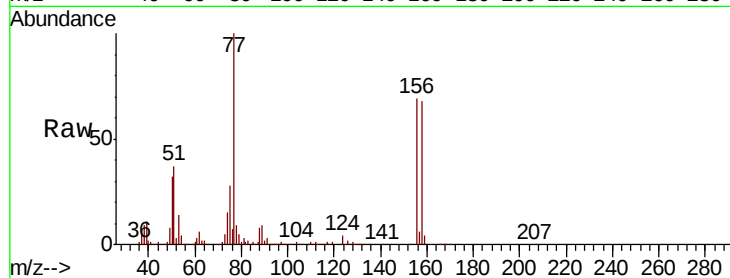
Tot Ion:156 Resp: 314384

Ion Ratio Lower Upper

156 100

77 161.3 81.2 243.4

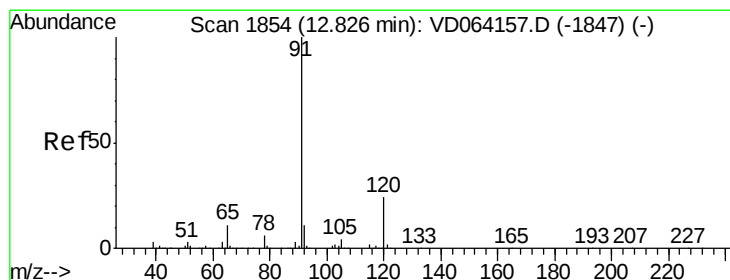
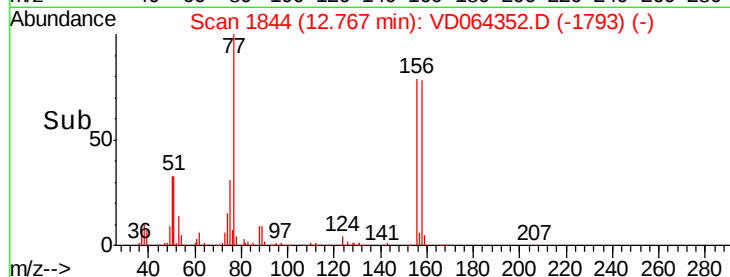
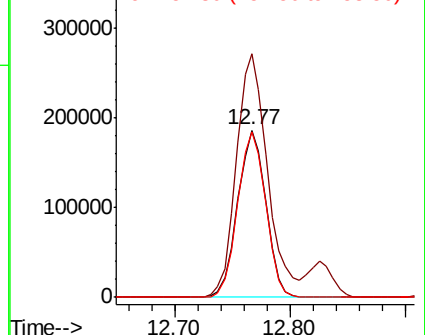
158 98.5 48.4 145.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.336 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD064352.D

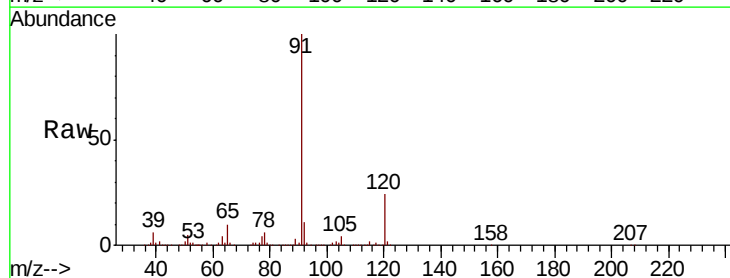
Acq: 25 Nov 2019 10:50

Tgt Ion: 91 Resp: 1560687

Ion Ratio Lower Upper

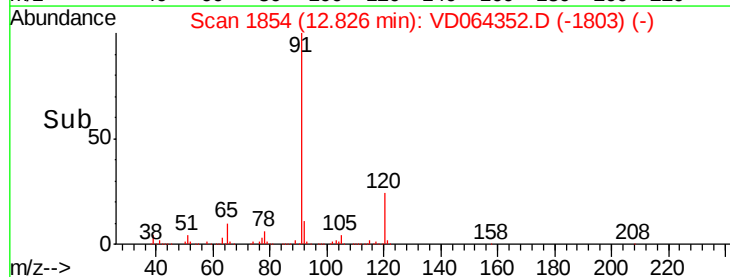
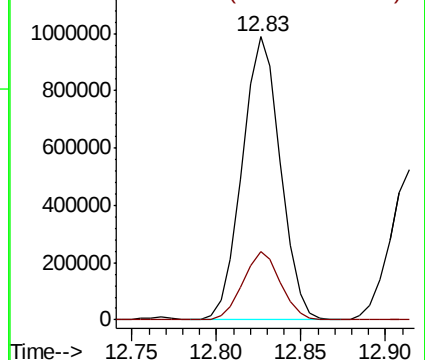
91 100

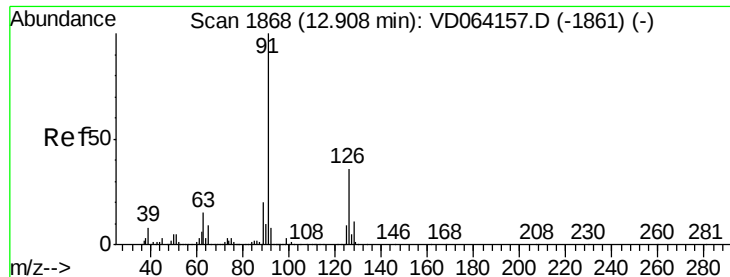
120 23.8 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

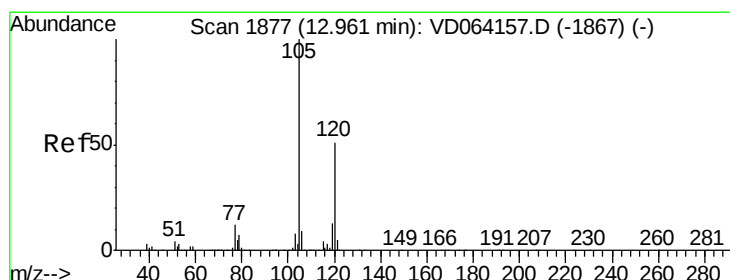
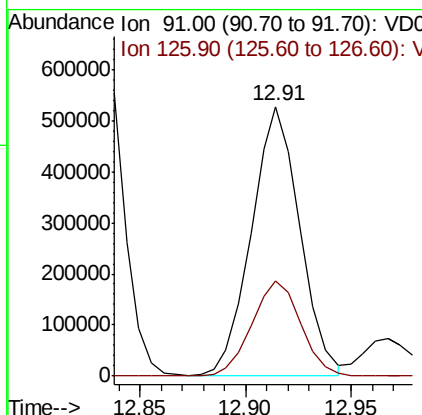
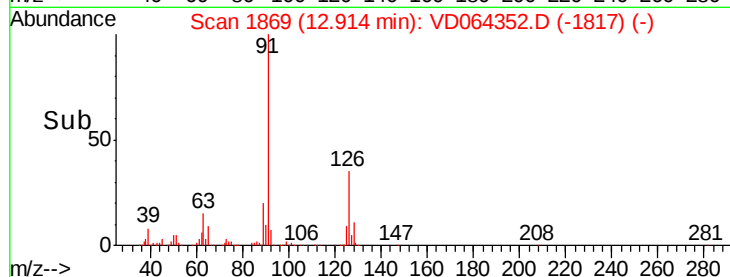
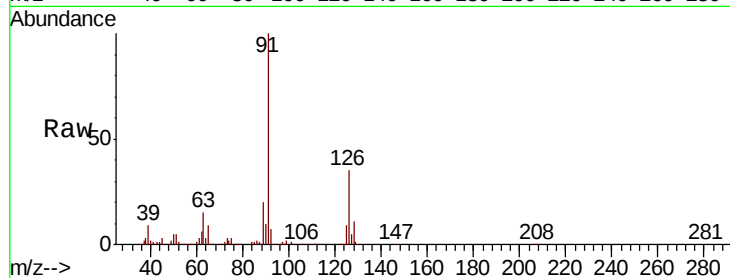




#79  
2-Chlorotoluene  
Concen: 51.739 ug/l  
RT: 12.91 min Scan# 1869  
Delta R.T. 0.01 min  
Lab File: VD064352.D  
Acq: 25 Nov 2019 10:50

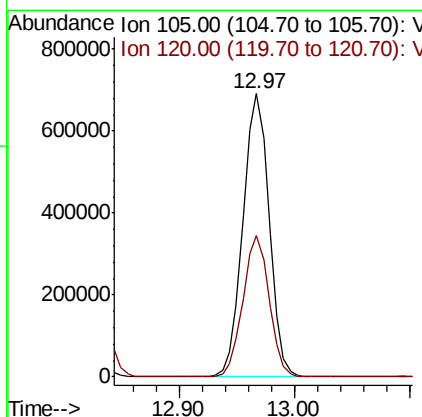
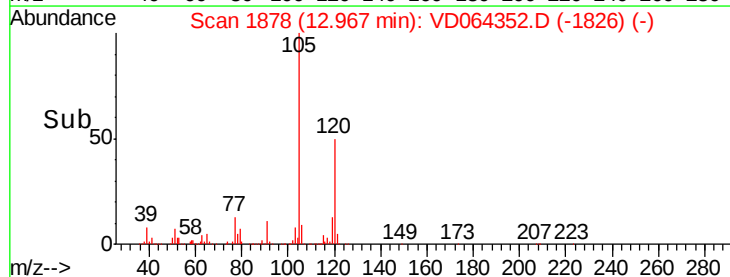
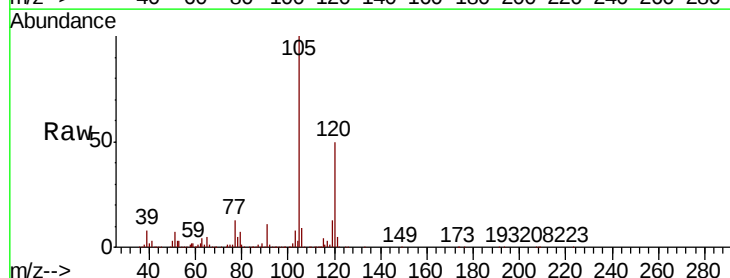
Instrument :  
MSVOA\_D  
ClientSampleId :

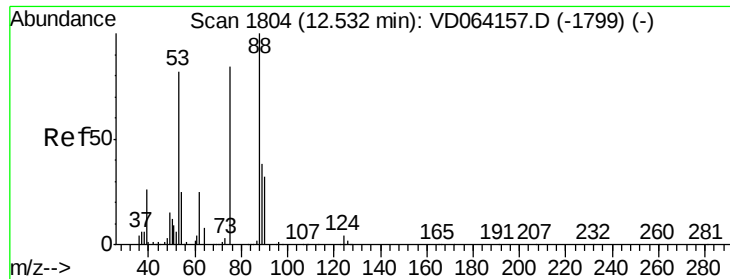
Tot Ion: 91 Resp: 839023  
Ion Ratio Lower Upper  
91 100  
126 35.7 17.7 53.1



#80  
1,3,5-Trimethylbenzene  
Concen: 52.897 ug/l  
RT: 12.97 min Scan# 1878  
Delta R.T. 0.01 min  
Lab File: VD064352.D  
Acq: 25 Nov 2019 10:50

Tgt Ion: 105 Resp: 1092731  
Ion Ratio Lower Upper  
105 100  
120 49.9 25.4 76.4





#81

trans-1,4-Dichloro-2-butene

Concen: 49.007 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD064352.D

Acq: 25 Nov 2019 10:50

Instrument :

MSVOA\_D

ClientSampled :

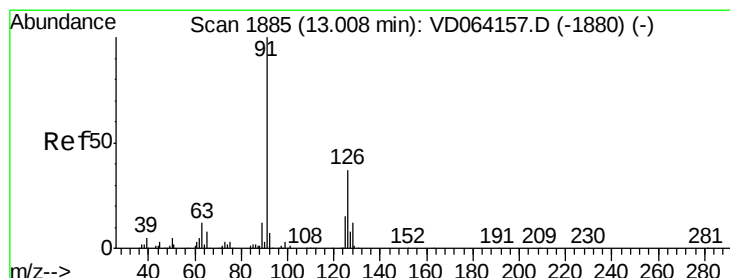
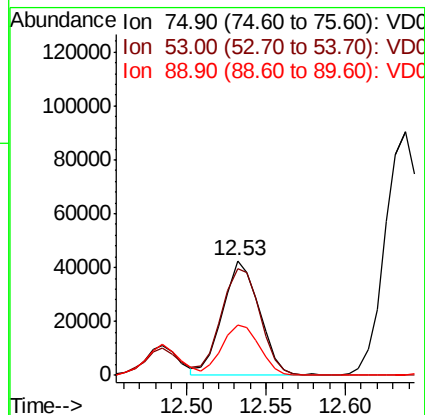
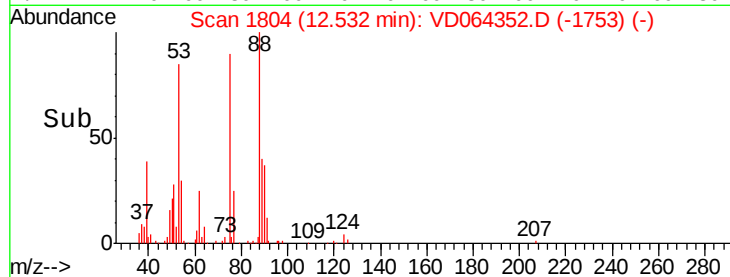
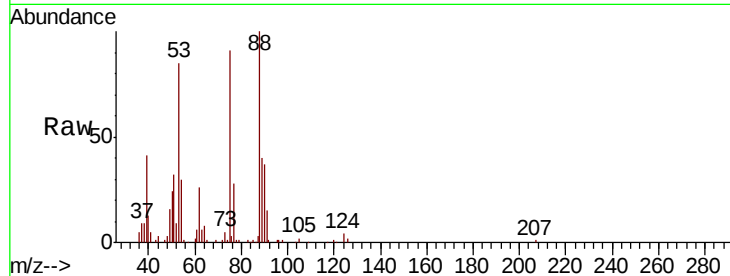
Tot Ion: 75 Resp: 68064

Ion Ratio Lower Upper

75 100

53 100.1 79.4 119.0

89 45.5 36.6 55.0



#82

4-Chlorotoluene

Concen: 51.788 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VD064352.D

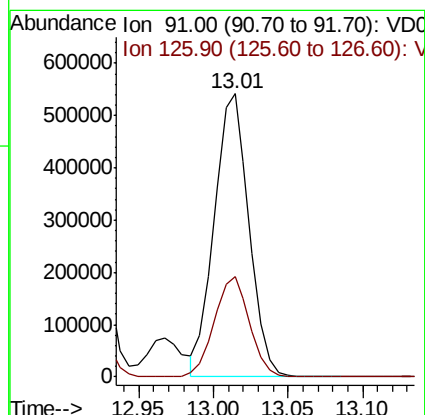
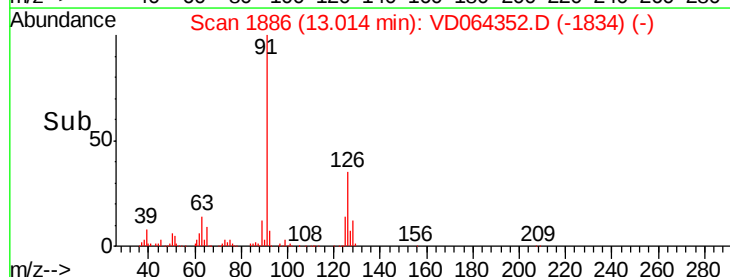
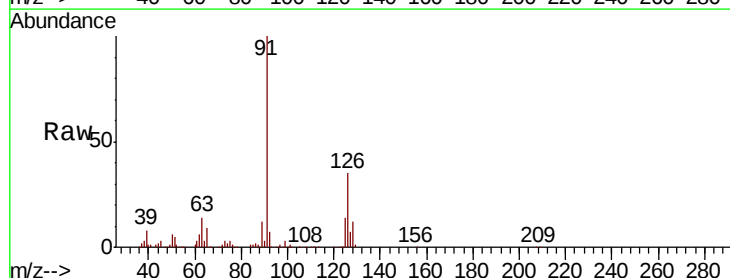
Acq: 25 Nov 2019 10:50

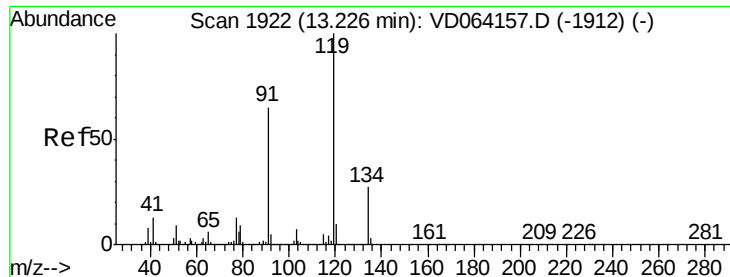
Tgt Ion: 91 Resp: 875954

Ion Ratio Lower Upper

91 100

126 36.1 17.8 53.4

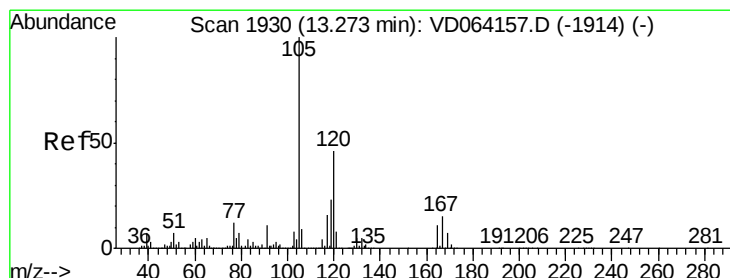
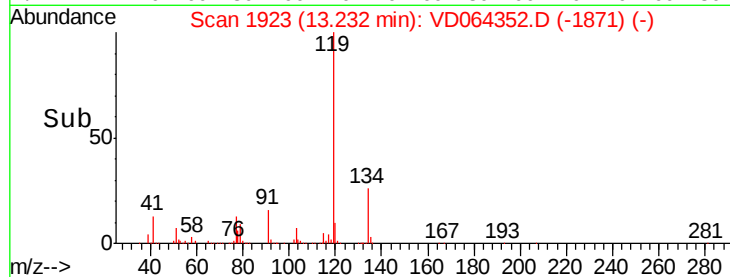
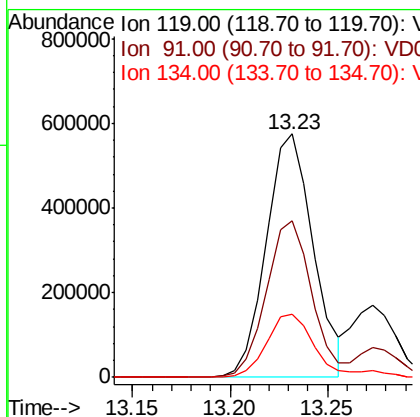
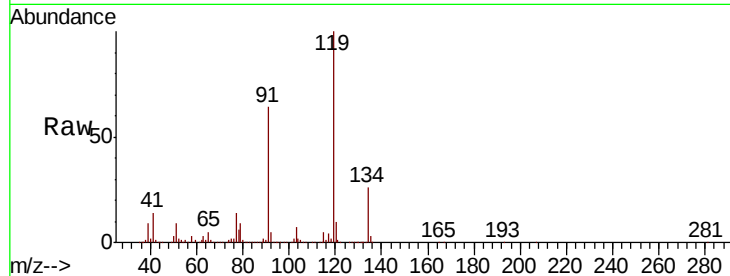




#83  
 tert-Butylbenzene  
 Concen: 52.870 ug/l  
 RT: 13.23 min Scan# 1923  
 Delta R.T. 0.01 min  
 Lab File: VD064352.D  
 Acq: 25 Nov 2019 10:50

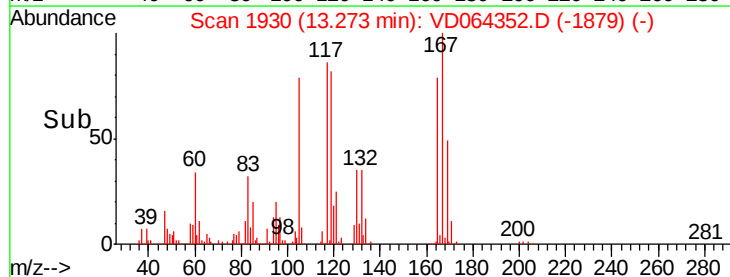
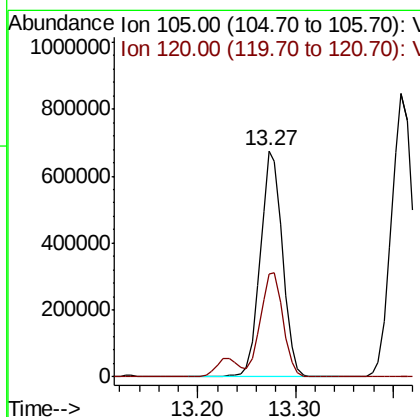
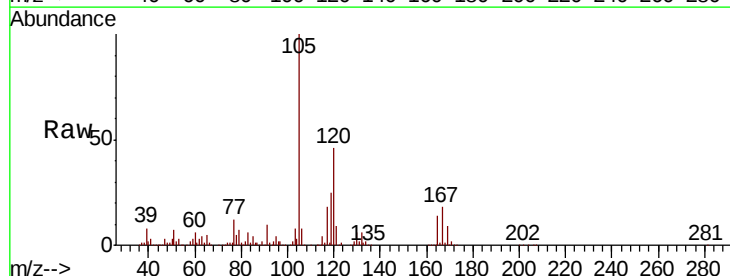
Instrument :  
 MSVOA\_D  
 ClientSampleId :

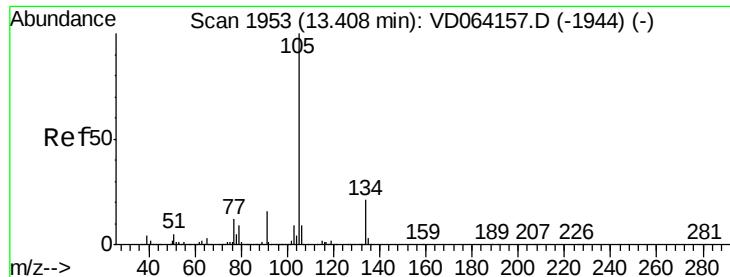
Tot Ion:119 Resp: 963054  
 Ion Ratio Lower Upper  
 119 100  
 91 61.7 31.8 95.4  
 134 27.5 13.7 41.0



#84  
 1,2,4-Trimethylbenzene  
 Concen: 53.170 ug/l  
 RT: 13.27 min Scan# 1930  
 Delta R.T. 0.00 min  
 Lab File: VD064352.D  
 Acq: 25 Nov 2019 10:50

Tgt Ion:105 Resp: 1084371  
 Ion Ratio Lower Upper  
 105 100  
 120 46.6 23.3 69.8





#85

sec-Butylbenzene

Concen: 54.063 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD064352.D

Acq: 25 Nov 2019 10:50

Instrument :

MSVOA\_D

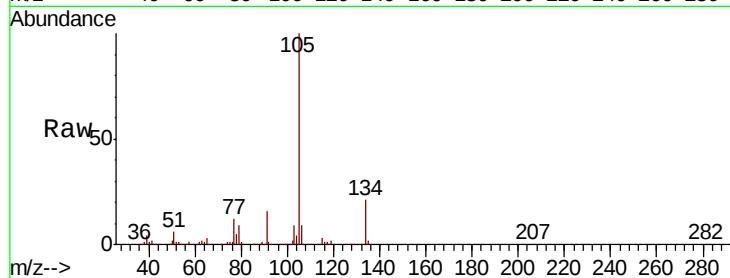
ClientSampleId :

Tot Ion:105 Resp: 1322666

Ion Ratio Lower Upper

105 100

134 20.9 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

1000000

800000

600000

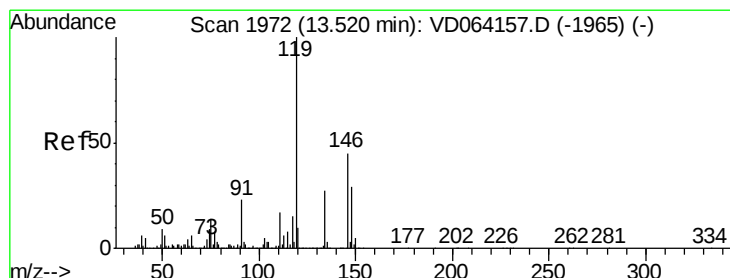
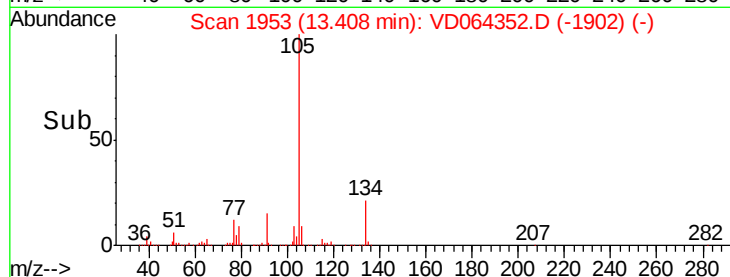
400000

200000

0

13.30 13.40 13.50

Time-->



#86

p-Isopropyltoluene

Concen: 53.987 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VD064352.D

Acq: 25 Nov 2019 10:50

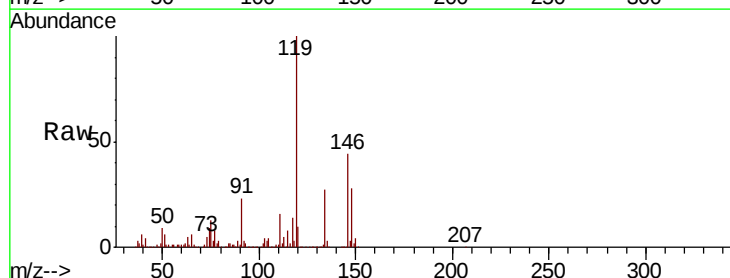
Tgt Ion:119 Resp: 1255688

Ion Ratio Lower Upper

119 100

134 26.4 13.5 40.5

91 22.4 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

1000000

800000

600000

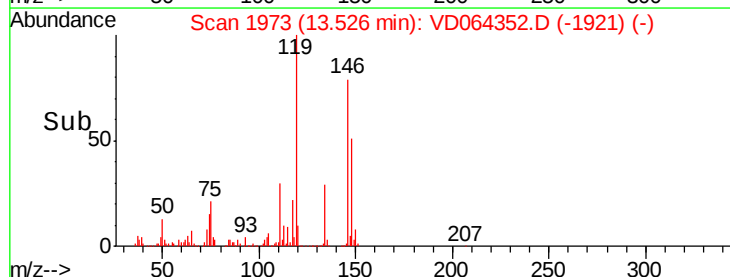
400000

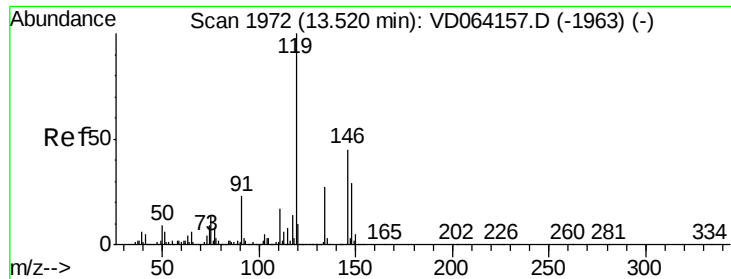
200000

0

13.45 13.50 13.55 13.60

Time-->

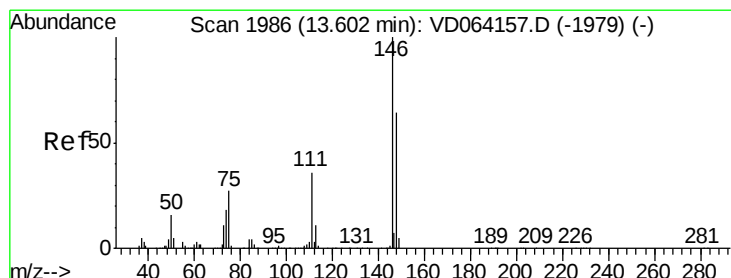
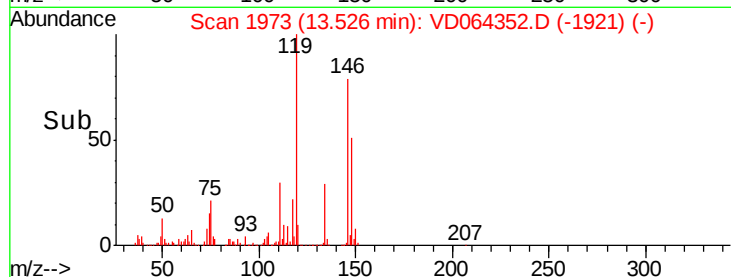
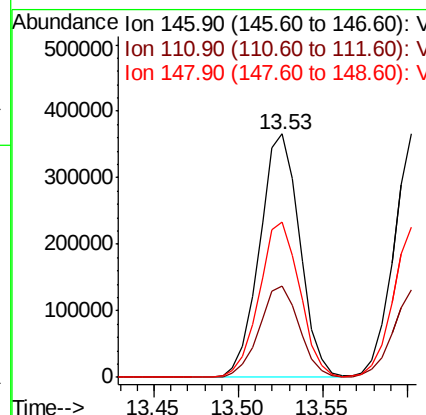
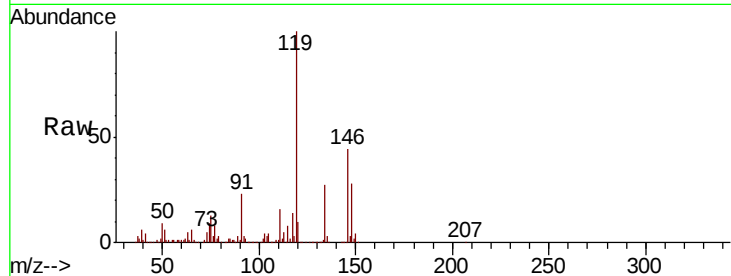




#87  
 1,3-Dichlorobenzene  
 Concen: 53.259 ug/l  
 RT: 13.53 min Scan# 1973  
 Delta R.T. 0.01 min  
 Lab File: VD064352.D  
 Acq: 25 Nov 2019 10:50

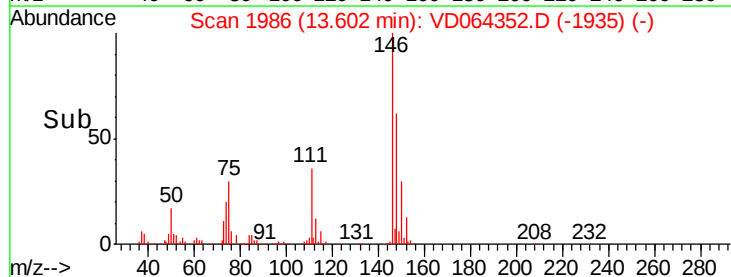
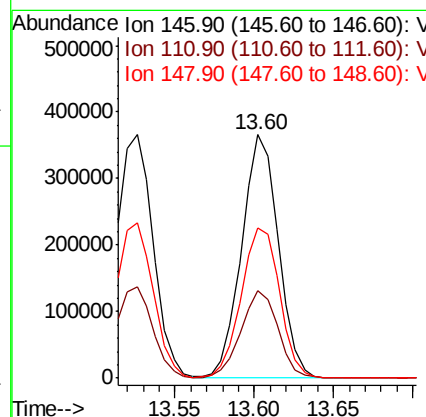
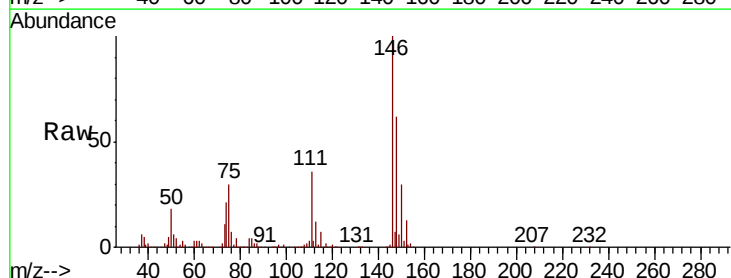
Instrument :  
 MSVOA\_D  
 ClientSampled :

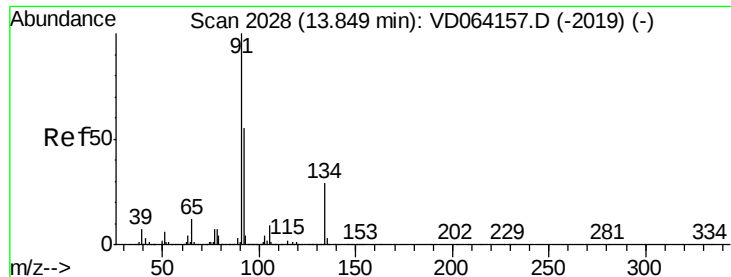
Tot Ion:146 Resp: 603827  
 Ion Ratio Lower Upper  
 146 100  
 111 37.3 18.9 56.9  
 148 64.3 32.1 96.5



#88  
 1,4-Dichlorobenzene  
 Concen: 53.245 ug/l  
 RT: 13.60 min Scan# 1986  
 Delta R.T. 0.00 min  
 Lab File: VD064352.D  
 Acq: 25 Nov 2019 10:50

Tgt Ion:146 Resp: 589168  
 Ion Ratio Lower Upper  
 146 100  
 111 36.4 18.1 54.4  
 148 64.6 31.9 95.7

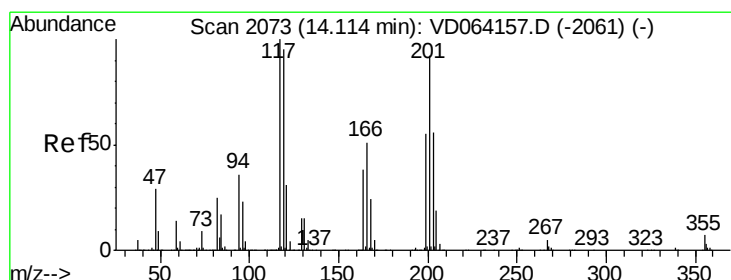
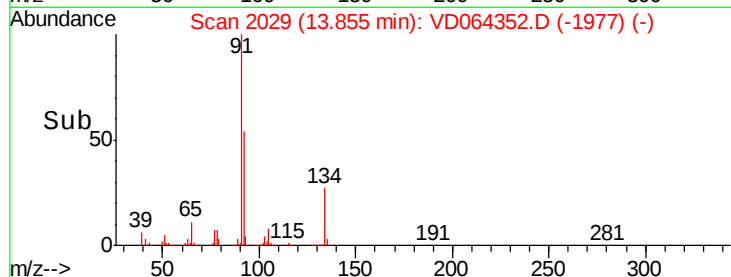
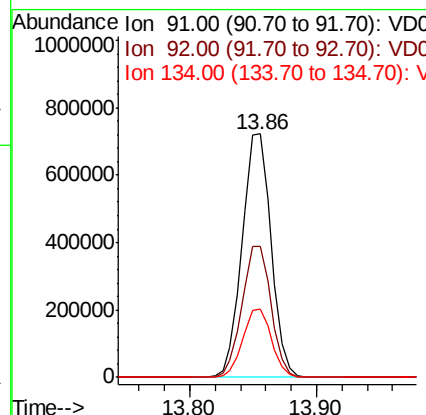
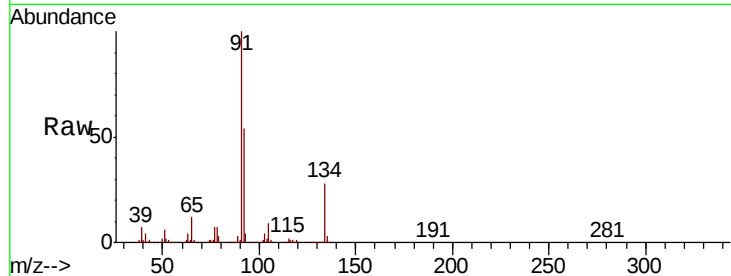




#89  
n-Butylbenzene  
Concen: 54.235 ug/l  
RT: 13.86 min Scan# 2029  
Delta R.T. 0.01 min  
Lab File: VD064352.D  
Acq: 25 Nov 2019 10:50

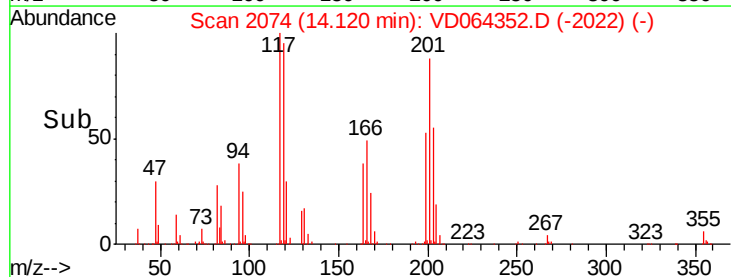
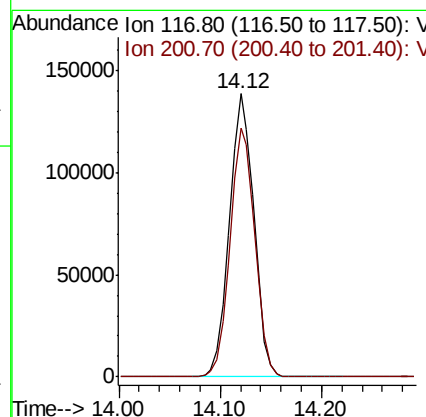
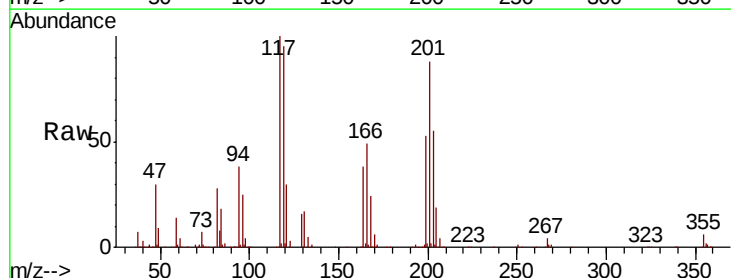
Instrument :  
MSVOA\_D  
ClientSampleId :

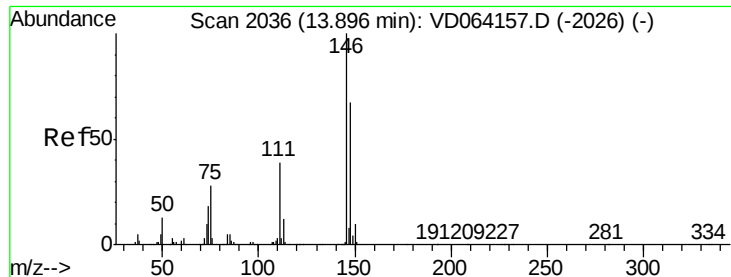
Tot Ion: 91 Resp: 1139646  
Ion Ratio Lower Upper  
91 100  
92 53.9 27.3 81.8  
134 27.8 14.1 42.4



#90  
Hexachloroethane  
Concen: 53.913 ug/l  
RT: 14.12 min Scan# 2074  
Delta R.T. 0.01 min  
Lab File: VD064352.D  
Acq: 25 Nov 2019 10:50

Tgt Ion: 117 Resp: 231746  
Ion Ratio Lower Upper  
117 100  
201 88.8 45.8 137.4

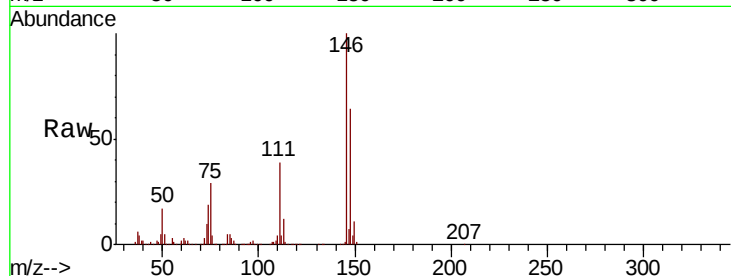




#91  
 1,2-Dichlorobenzene  
 Concen: 53.175 ug/l  
 RT: 13.90 min Scan# 2036  
 Delta R.T. 0.00 min  
 Lab File: VD064352.D  
 Acq: 25 Nov 2019 10:50

Instrument :  
 MSVOA\_D  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.2  | 19.7  | 59.0  |
| 148     | 64.6  | 32.3  | 96.8  |

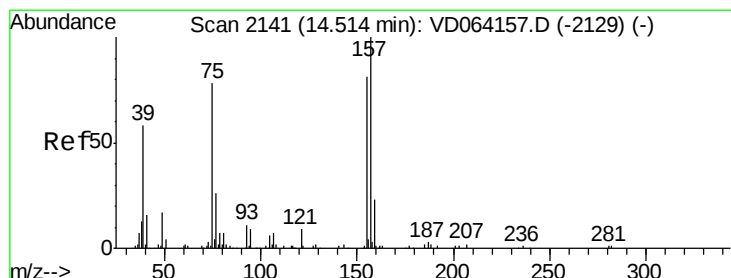
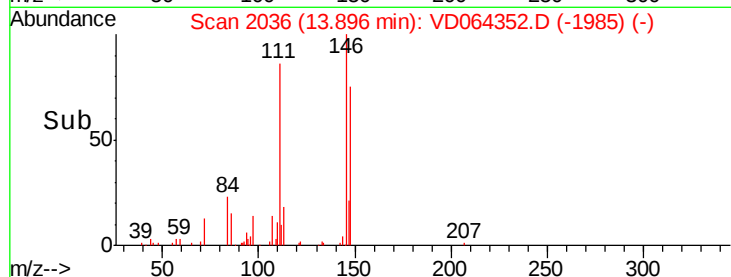
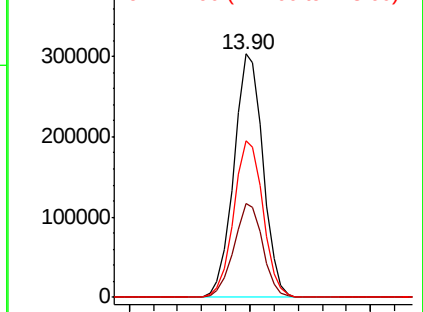


Abundance

Ion 145.90 (145.60 to 146.60): V

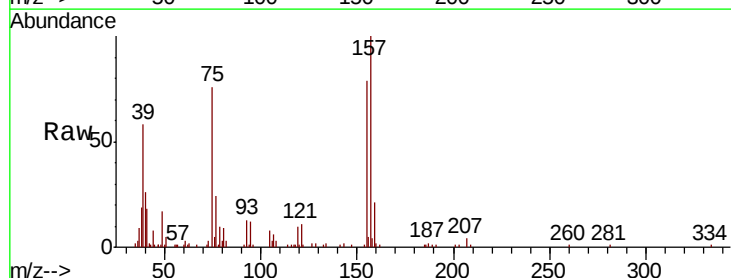
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 45.333 ug/l  
 RT: 14.52 min Scan# 2142  
 Delta R.T. 0.01 min  
 Lab File: VD064352.D  
 Acq: 25 Nov 2019 10:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 96.1  | 48.0  | 144.0 |
| 157     | 130.2 | 61.5  | 184.4 |

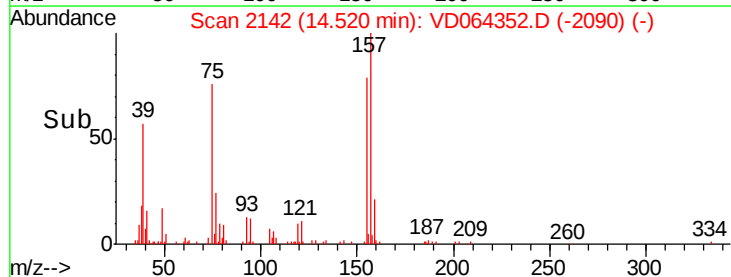
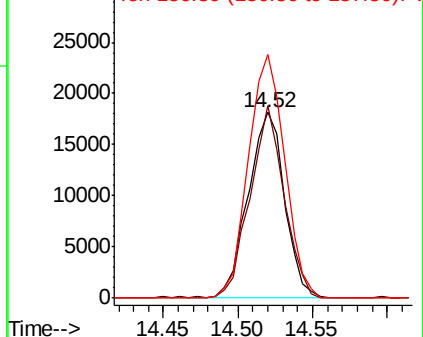


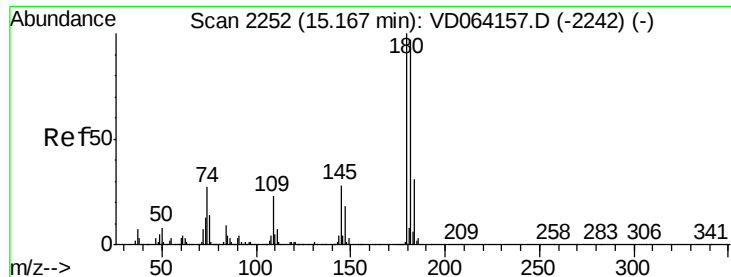
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

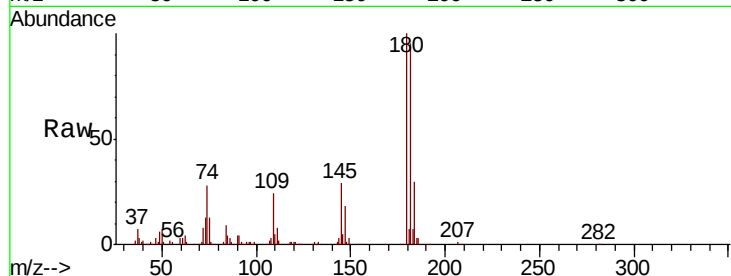




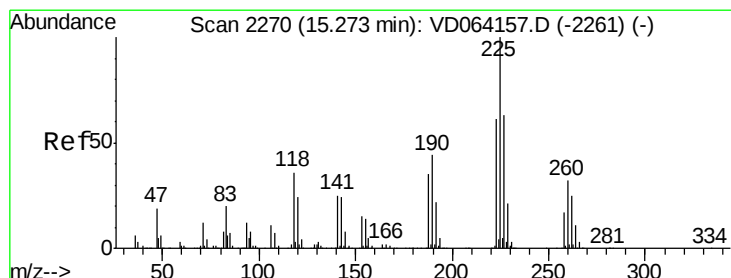
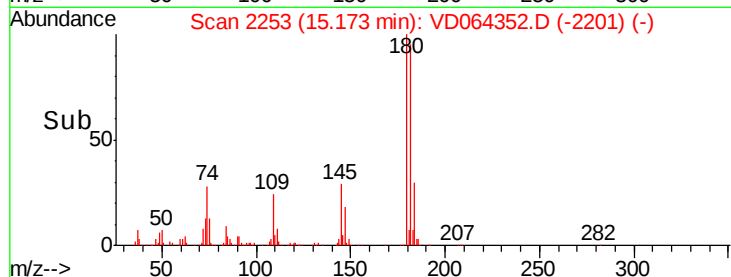
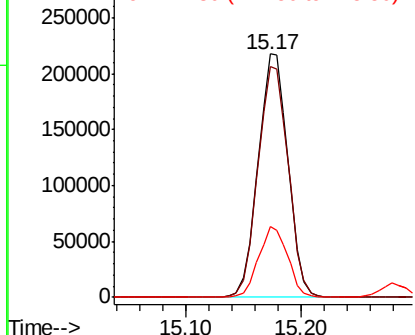
#93  
 1,2,4-Trichlorobenzene  
 Concen: 52.903 ug/l  
 RT: 15.17 min Scan# 2253  
 Delta R.T. 0.01 min  
 Lab File: VD064352.D  
 Acq: 25 Nov 2019 10:50

Instrument :  
 MSVOA\_D  
 ClientSampleID :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.3  | 47.5  | 142.5 |
| 145     | 28.4  | 14.2  | 42.6  |

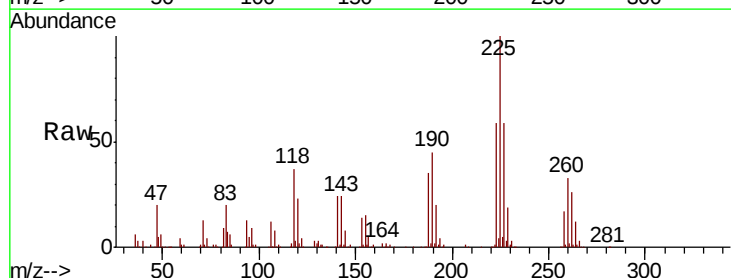


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

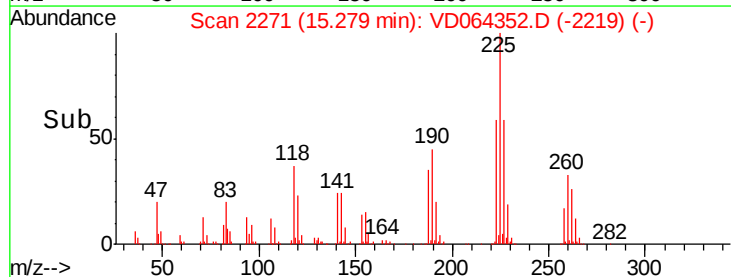
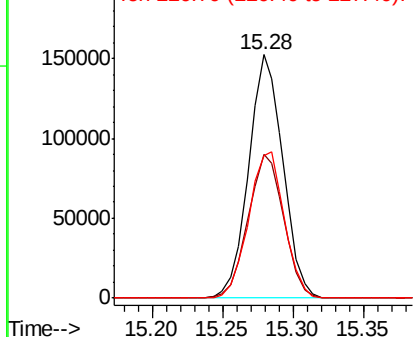


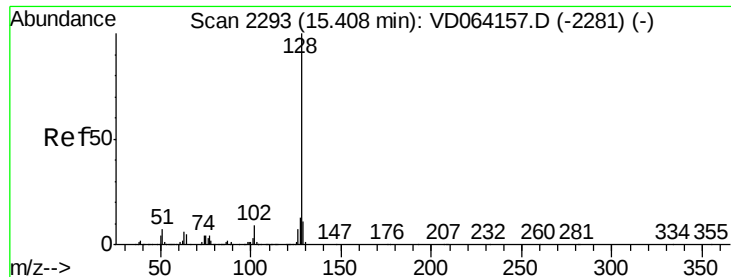
#94  
 Hexachlorobutadiene  
 Concen: 54.147 ug/l  
 RT: 15.28 min Scan# 2271  
 Delta R.T. 0.01 min  
 Lab File: VD064352.D  
 Acq: 25 Nov 2019 10:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.4  | 31.1  | 93.3  |
| 227     | 62.7  | 31.5  | 94.5  |



Abundance Ion 224.70 (224.40 to 225.40): V  
 Ion 222.70 (222.40 to 223.40): V  
 Ion 226.70 (226.40 to 227.40): V

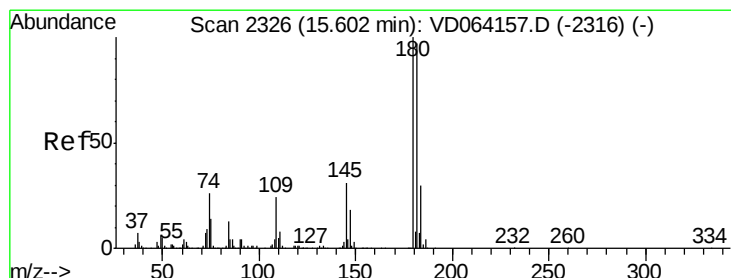
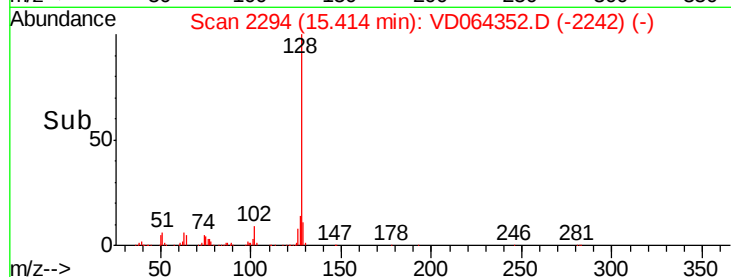
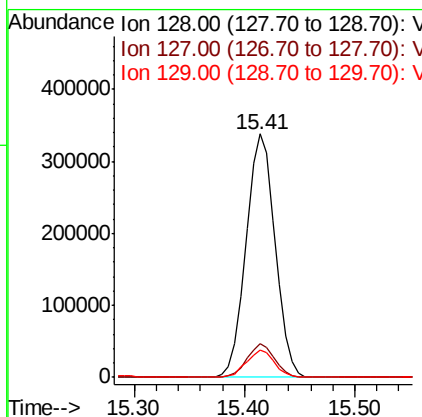
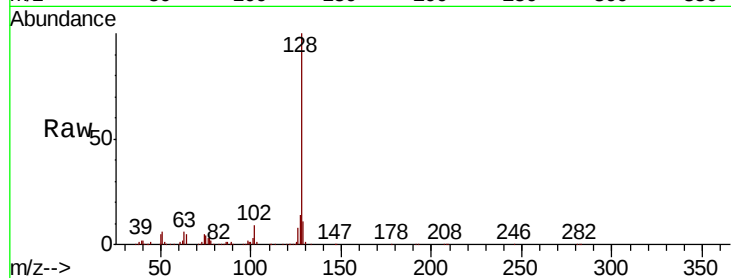




#95  
Naphthalene  
Concen: 51.426 ug/l  
RT: 15.41 min Scan# 2294  
Delta R.T. 0.01 min  
Lab File: VD064352.D  
Acq: 25 Nov 2019 10:50

Instrument :  
MSVOA\_D  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.2  | 10.5  | 15.7  |
| 129     | 10.9  | 8.6   | 13.0  |



#96  
1,2,3-Trichlorobenzene  
Concen: 53.289 ug/l  
RT: 15.61 min Scan# 2327  
Delta R.T. 0.01 min  
Lab File: VD064352.D  
Acq: 25 Nov 2019 10:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.2  | 48.3  | 144.9 |
| 145     | 29.5  | 15.3  | 45.8  |

