

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092520\  
 Data File : VD066880.D  
 Acq On : 25 Sep 2020 18:01  
 Operator : VA/SY  
 Sample : L4127-04MS  
 Misc : 5.03G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 B-2(4-5)MS

Quant Time: Sep 26 03:02:01 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D092220S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 23 01:34:05 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.97  | 168  | 310643   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.86  | 114  | 521654   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.64 | 117  | 427297   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 138827   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.33   | 65  | 156408   | 51.44 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.88% |      |
| 35) Dibromofluoromethane  | 7.91   | 113 | 162242   | 48.89 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.78%  |      |
| 50) Toluene-d8            | 10.34  | 98  | 518073   | 45.82 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 91.64%  |      |
| 62) 4-Bromofluorobenzene  | 12.63  | 95  | 147945   | 38.22 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 76.44%  |      |

## Target Compounds

|                               |      |     |         |         |        | Qvalue |
|-------------------------------|------|-----|---------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.99 | 85  | 109568  | 50.660  | ug/l   | 98     |
| 3) Chloromethane              | 2.20 | 50  | 136163  | 47.707  | ug/l   | 97     |
| 4) Vinyl Chloride             | 2.35 | 62  | 134776  | 47.797  | ug/l   | 96     |
| 5) Bromomethane               | 2.77 | 94  | 101423  | 51.174  | ug/l   | 98     |
| 6) Chloroethane               | 2.93 | 64  | 87505   | 49.973  | ug/l   | 100    |
| 7) Trichlorofluoromethane     | 3.27 | 101 | 269715  | 46.575  | ug/l   | 99     |
| 8) Diethyl Ether              | 3.71 | 74  | 83236   | 56.617  | ug/l   | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.10 | 101 | 140242  | 41.764  | ug/l   | 99     |
| 10) Methyl Iodide             | 4.30 | 142 | 144893  | 48.898  | ug/l   | 98     |
| 11) Tert butyl alcohol        | 5.22 | 59  | 42707   | 228.375 | ug/l # | 89     |
| 12) 1,1-Dichloroethene        | 4.07 | 96  | 148755  | 48.902  | ug/l   | 94     |
| 13) Acrolein                  | 3.93 | 56  | 56088   | 250.066 | ug/l   | 94     |
| 14) Allyl chloride            | 4.71 | 41  | 229627  | 51.408  | ug/l   | 99     |
| 15) Acrylonitrile             | 5.43 | 53  | 171929  | 263.890 | ug/l   | 97     |
| 16) Acetone                   | 4.16 | 43  | 164059  | 254.362 | ug/l   | 91     |
| 17) Carbon Disulfide          | 4.41 | 76  | 418994  | 45.054  | ug/l   | 97     |
| 18) Methyl Acetate            | 4.71 | 43  | 101376  | 72.043  | ug/l   | 95     |
| 19) Methyl tert-butyl Ether   | 5.48 | 73  | 367970  | 55.703  | ug/l   | 95     |
| 20) Methylene Chloride        | 4.96 | 84  | 208081  | 61.065  | ug/l   | 97     |
| 21) trans-1,2-Dichloroethene  | 5.47 | 96  | 179747  | 51.033  | ug/l   | 94     |
| 22) Diisopropyl ether         | 6.36 | 45  | 533668  | 58.108  | ug/l   | 98     |
| 23) Vinyl Acetate             | 6.31 | 43  | 1077942 | 216.543 | ug/l   | 97     |
| 24) 1,1-Dichloroethane        | 6.27 | 63  | 326861  | 53.200  | ug/l # | 97     |
| 25) 2-Butanone                | 7.21 | 43  | 193187  | 249.243 | ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 7.21 | 77  | 262390  | 46.595  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 7.21 | 96  | 210955  | 55.124  | ug/l   | 96     |
| 28) Bromochloromethane        | 7.54 | 49  | 144540  | 56.945  | ug/l   | 97     |
| 29) Tetrahydrofuran           | 7.57 | 42  | 128357  | 258.449 | ug/l   | 99     |
| 30) Chloroform                | 7.71 | 83  | 350227  | 52.882  | ug/l   | 97     |
| 31) Cyclohexane               | 7.98 | 56  | 163378  | 29.553  | ug/l   | 95     |
| 32) 1,1,1-Trichloroethane     | 7.90 | 97  | 292564  | 48.833  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 8.11 | 75  | 216315  | 41.798  | ug/l   | 98     |
| 37) Ethyl Acetate             | 7.29 | 43  | 91007   | 48.644  | ug/l   | 98     |
| 38) Carbon Tetrachloride      | 8.10 | 117 | 246005  | 43.479  | ug/l   | 96     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092520\  
 Data File : VD066880.D  
 Acq On : 25 Sep 2020 18:01  
 Operator : VA/SY  
 Sample : L4127-04MS  
 Misc : 5.03G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 B-2(4-5)MS

Quant Time: Sep 26 03:02:01 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D092220S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 23 01:34:05 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.36  | 83   | 120373   | 20.258   | ug/l   | 92       |
| 40) Benzene                    | 8.35  | 78   | 717950   | 49.777   | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.52  | 41   | 49214    | 42.775   | ug/l # | 100      |
| 42) 1,2-Dichloroethane         | 8.42  | 62   | 216821   | 50.851   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.45  | 43   | 174553   | 48.393   | ug/l   | 98       |
| 44) Trichloroethene            | 9.11  | 130  | 182496   | 44.391   | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 9.38  | 63   | 181954   | 50.140   | ug/l   | 100      |
| 46) Dibromomethane             | 9.47  | 93   | 99111    | 50.267   | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.66  | 83   | 270591   | 51.088   | ug/l   | 97       |
| 48) Methyl methacrylate        | 9.45  | 41   | 94381    | 53.071   | ug/l   | 96       |
| 49) 1,4-Dioxane                | 9.46  | 88   | 23517    | 1057.753 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone       | 10.23 | 43   | 459338   | 251.324  | ug/l   | 97       |
| 52) Toluene                    | 10.40 | 92   | 443294   | 47.715   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.61 | 75   | 220439   | 48.899   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 10.08 | 75   | 274924   | 50.014   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.80 | 97   | 142709   | 52.651   | ug/l   | 93       |
| 56) Ethyl methacrylate         | 10.66 | 69   | 160740   | 55.357   | ug/l   | 95       |
| 57) 1,3-Dichloropropane        | 10.94 | 76   | 227067   | 50.734   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.94  | 63   | 338384   | 246.119  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.98 | 43   | 323534   | 262.494  | ug/l   | 100      |
| 60) Dibromochloromethane       | 11.14 | 129  | 171873   | 48.585   | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 124870   | 49.530   | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.87 | 164  | 135272   | 44.011   | ug/l   | 99       |
| 65) Chlorobenzene              | 11.67 | 112  | 422408   | 47.491   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.74 | 131  | 175874   | 52.245   | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.74 | 91   | 695654   | 44.532   | ug/l   | 98       |
| 68) m/p-Xylenes                | 11.85 | 106  | 542300   | 91.690   | ug/l   | 98       |
| 69) o-Xylene                   | 12.18 | 106  | 264980   | 49.547   | ug/l   | 99       |
| 70) Styrene                    | 12.19 | 104  | 441218   | 47.506   | ug/l   | 99       |
| 71) Bromoform                  | 12.36 | 173  | 87445    | 51.305   | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.48 | 105  | 527007   | 52.549   | ug/l   | 98       |
| 74) N-amyl acetate             | 12.28 | 43   | 172489   | 88.073   | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.73 | 83   | 125190   | 72.342   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.78 | 75   | 161129   | 140.053  | ug/l # | 100      |
| 77) Bromobenzene               | 12.76 | 156  | 150456   | 64.146   | ug/l   | 99       |
| 78) n-propylbenzene            | 12.82 | 91   | 534685   | 44.316   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.91 | 91   | 364906   | 53.074   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.96 | 105  | 460566   | 54.123   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.53 | 75   | 39280    | 85.420   | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 13.00 | 91   | 361539   | 49.884   | ug/l   | 97       |
| 83) tert-Butylbenzene          | 13.23 | 119  | 287417   | 41.103   | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene     | 13.27 | 105  | 525069   | 62.225   | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.40 | 105  | 322838   | 32.106   | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.52 | 119  | 314992   | 34.753   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.52 | 146  | 204935   | 44.225   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.60 | 146  | 206303   | 44.825   | ug/l   | 97       |
| 89) n-Butylbenzene             | 13.84 | 91   | 237041   | 27.515   | ug/l   | 93       |
| 90) Hexachloroethane           | 14.11 | 117  | 61342    | 33.336   | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene        | 13.89 | 146  | 187013   | 47.172   | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.51 | 75   | 19597    | 70.396   | ug/l   | 94       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092520\  
Data File : VD066880.D  
Acq On : 25 Sep 2020 18:01  
Operator : VA/SY  
Sample : L4127-04MS  
Misc : 5.03G/5.00ml/MSVOA D/SOIL  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
B-2(4-5)MS

Quant Time: Sep 26 03:02:01 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D092220S.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 23 01:34:05 2020  
Response via : Initial Calibration

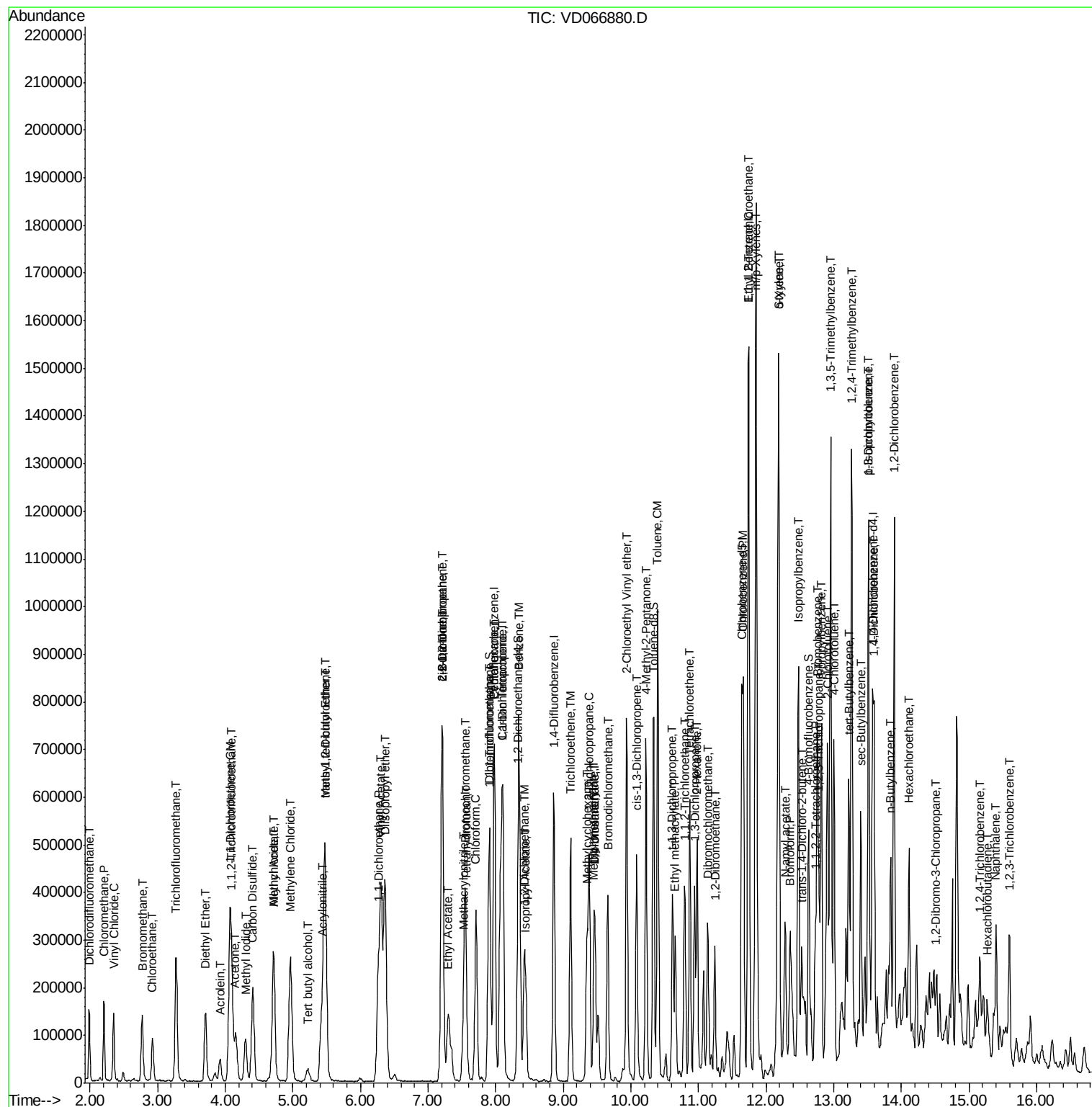
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|----------------------------|-------|------|----------|--------|--------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.17 | 180  | 58262    | 23.345 | ug/l # | 82       |
| 94) Hexachlorobutadiene    | 15.27 | 225  | 16877    | 11.285 | ug/l   | 98       |
| 95) Naphthalene            | 15.41 | 128  | 243931   | 57.570 | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.60 | 180  | 47748    | 22.166 | ug/l # | 79       |

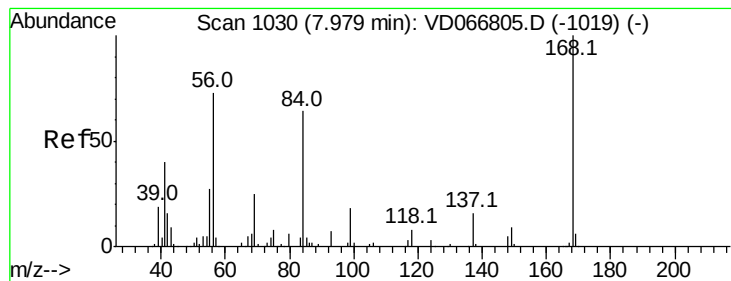
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092520\  
 Data File : VD066880.D  
 Acq On : 25 Sep 2020 18:01  
 Operator : VA/SY  
 Sample : L4127-04MS  
 Misc : 5.03G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 B-2(4-5)MS

Quant Time: Sep 26 03:02:01 2020  
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D092220S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 23 01:34:05 2020  
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Instrument :

MSVOA\_D

ClientSampleId :

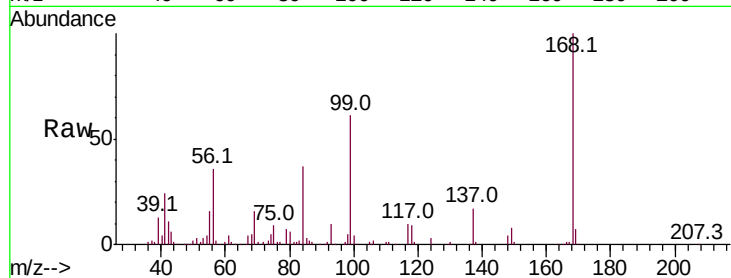
B-2(4-5)MS

Tot Ion:168 Resp: 310643

Ion Ratio Lower Upper

168 100

99 61.0 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

150000

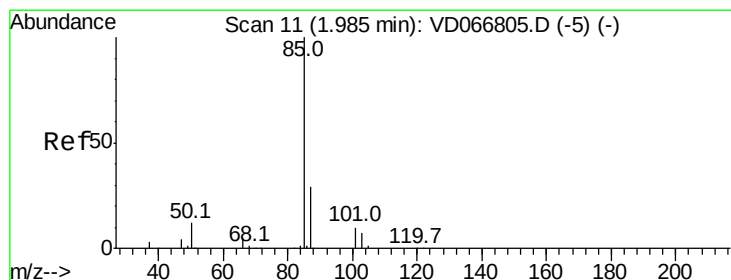
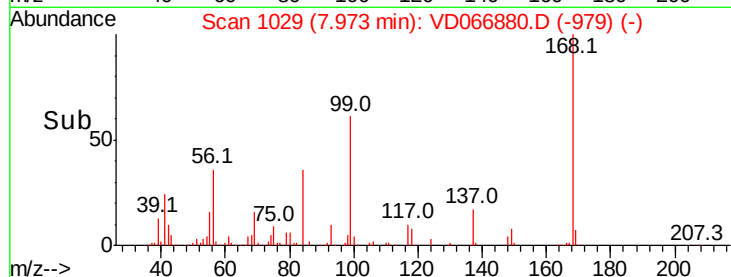
100000

50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 50.660 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066880.D

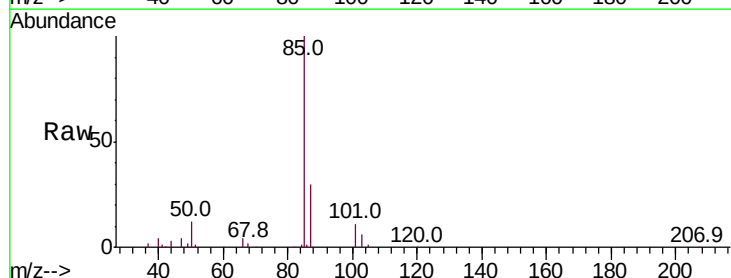
Acq: 25 Sep 2020 18:01

Tgt Ion: 85 Resp: 109568

Ion Ratio Lower Upper

85 100

87 30.3 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

80000

60000

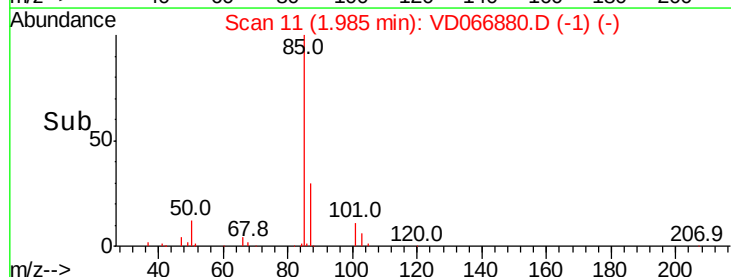
40000

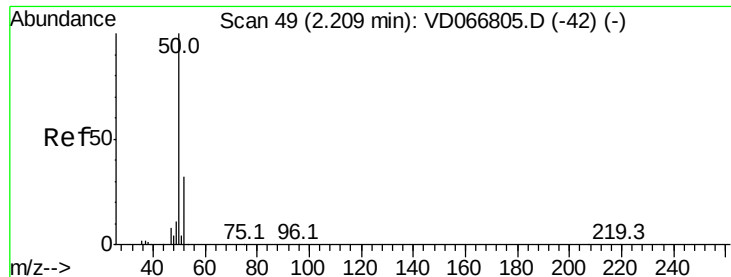
20000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 47.707 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Instrument :

MSVOA\_D

ClientSampleId :

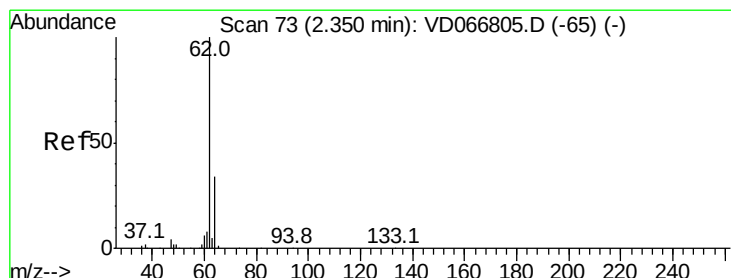
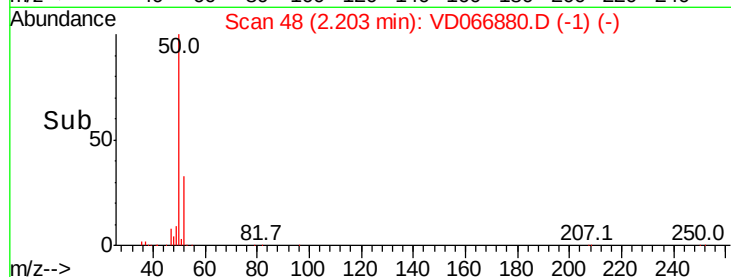
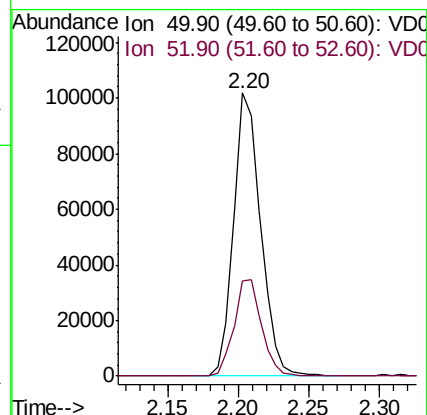
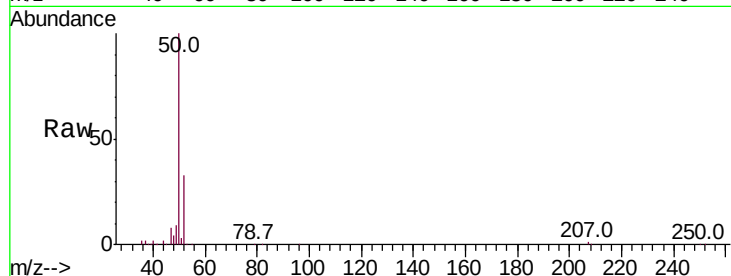
B-2(4-5)MS

Tot Ion: 50 Resp: 136163

Ion Ratio Lower Upper

50 100

52 33.4 25.5 38.3



#4

Vinyl Chloride

Concen: 47.797 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066880.D

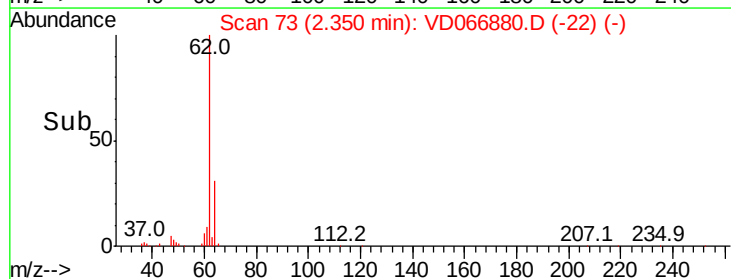
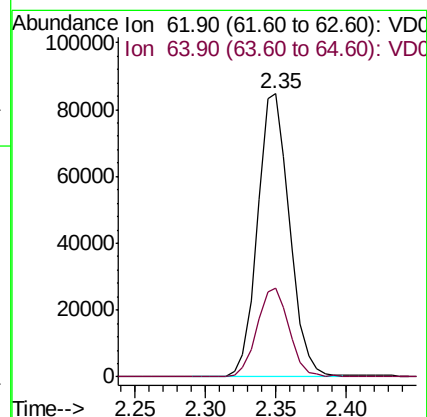
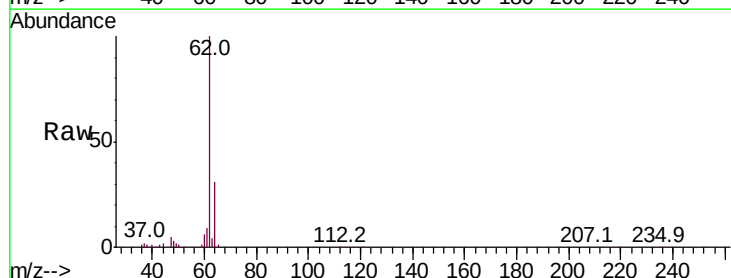
Acq: 25 Sep 2020 18:01

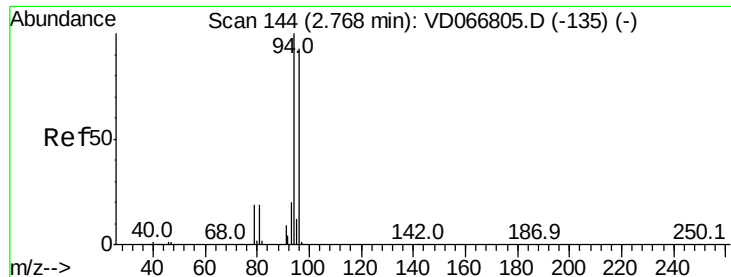
Tgt Ion: 62 Resp: 134776

Ion Ratio Lower Upper

62 100

64 31.3 27.0 40.4





#5

Bromomethane

Concen: 51.174 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.01 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Instrument :

MSVOA\_D

ClientSampleId :

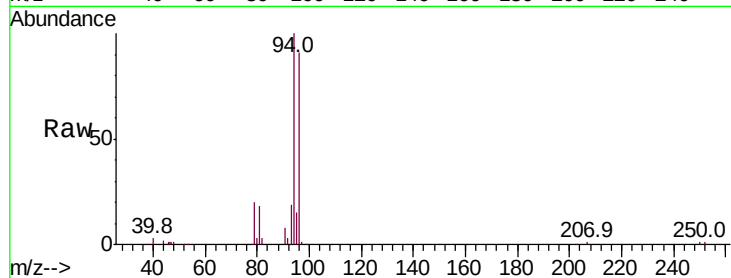
B-2(4-5)MS

Tot Ion: 94 Resp: 101423

Ion Ratio Lower Upper

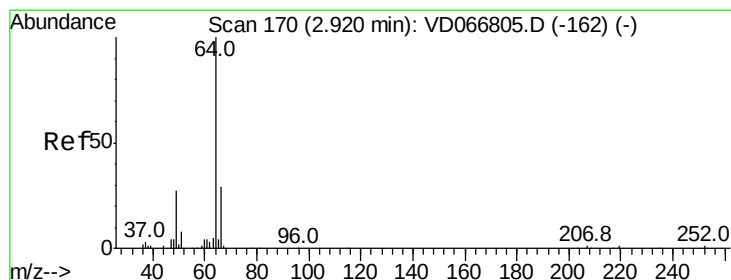
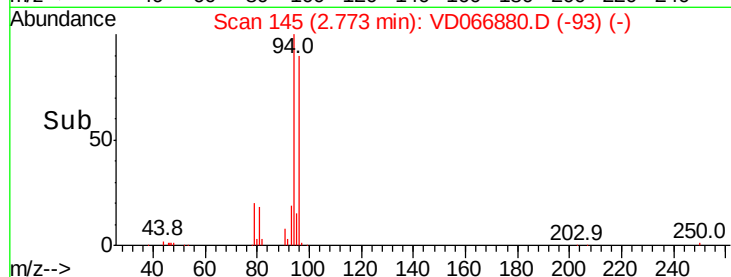
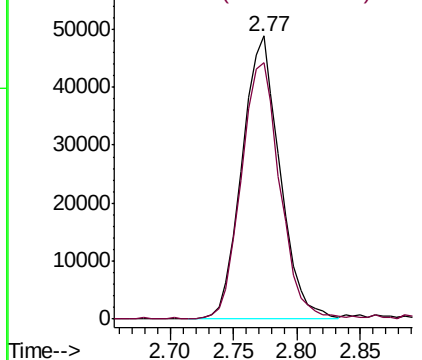
94 100

96 90.8 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 49.973 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD066880.D

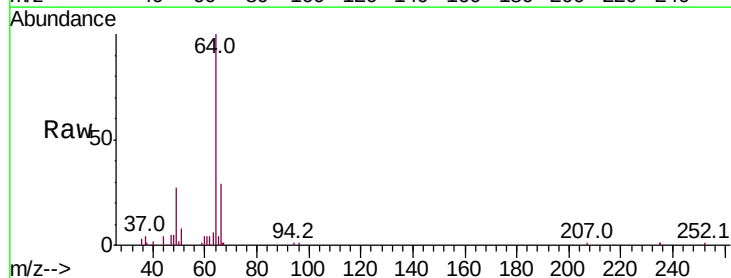
Acq: 25 Sep 2020 18:01

Tgt Ion: 64 Resp: 87505

Ion Ratio Lower Upper

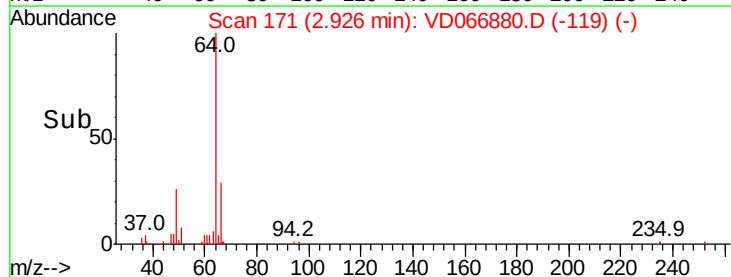
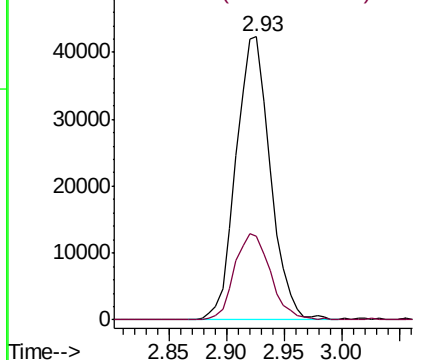
64 100

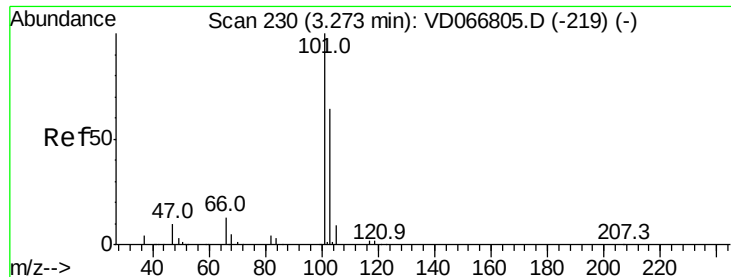
66 29.4 23.3 34.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



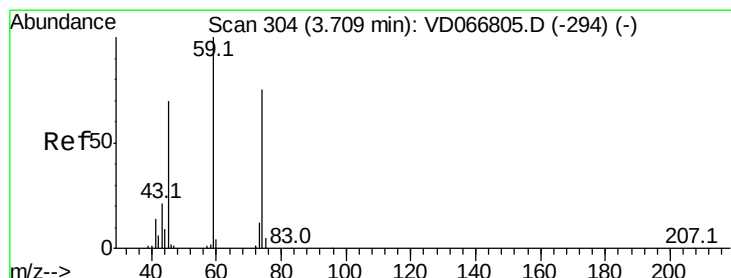
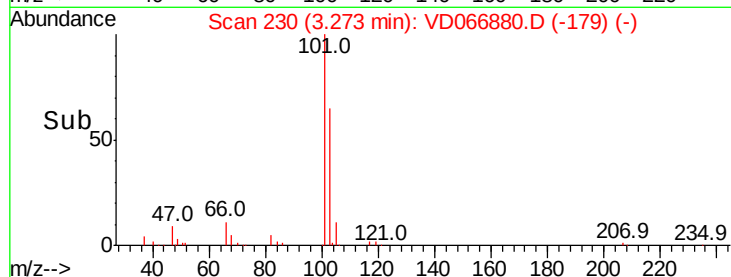
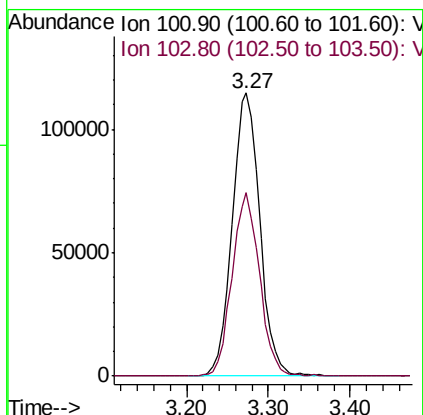
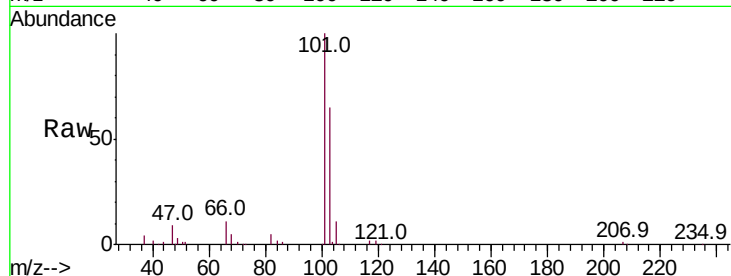


#7

Trichlorofluoromethane  
Concen: 46.575 ug/l  
RT: 3.27 min Scan# 230  
Delta R.T. -0.00 min  
Lab File: VD066880.D  
Acq: 25 Sep 2020 18:01

Instrument :  
MSVOA\_D  
ClientSampleId :  
B-2(4-5)MS

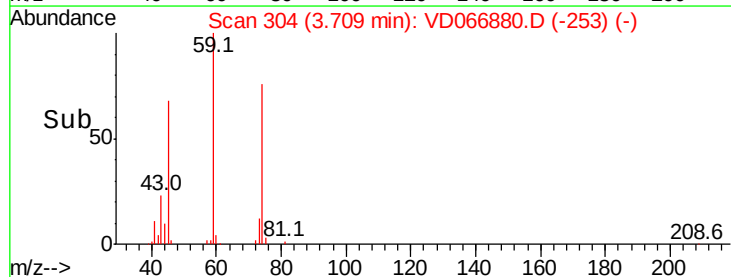
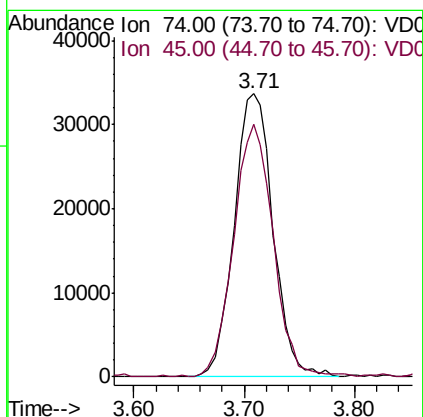
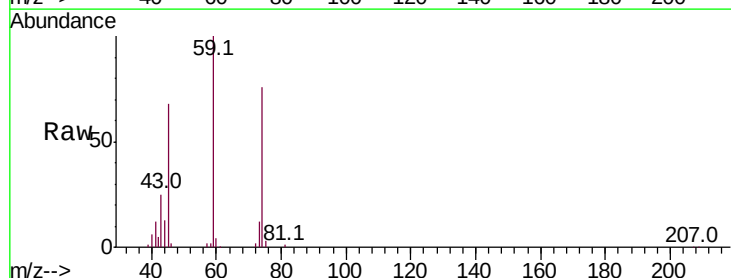
Tot Ion:101 Resp: 269715  
Ion Ratio Lower Upper  
101 100  
103 64.8 51.0 76.6



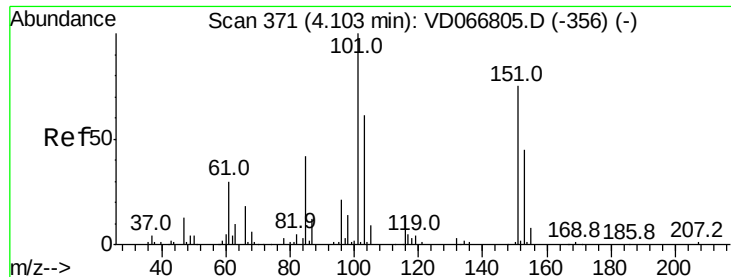
#8

Diethyl Ether  
Concen: 56.617 ug/l  
RT: 3.71 min Scan# 304  
Delta R.T. -0.00 min  
Lab File: VD066880.D  
Acq: 25 Sep 2020 18:01

Tgt Ion: 74 Resp: 83236  
Ion Ratio Lower Upper  
74 100  
45 90.8 46.0 138.0







#9

1,1,2-Trichlorotrifluoroethane

Concen: 41.764 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.01 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Instrument :

MSVOA\_D

ClientSampleId :

B-2(4-5)MS

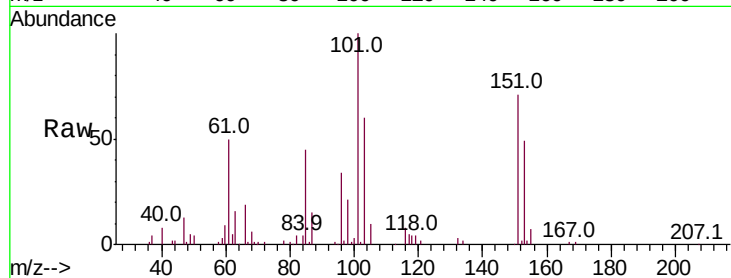
Tot Ion:101 Resp: 140242

Ion Ratio Lower Upper

101 100

85 44.8 35.4 53.2

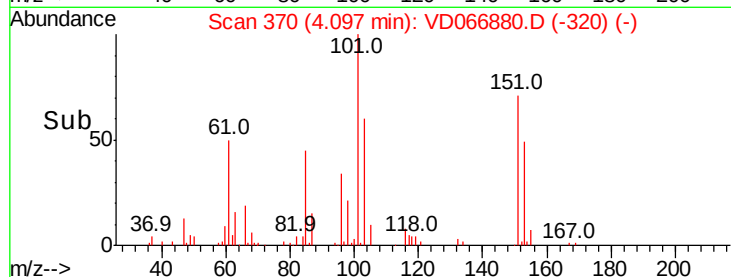
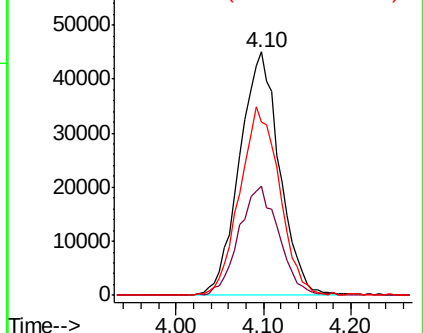
151 77.3 61.4 92.0



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: 48.898 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

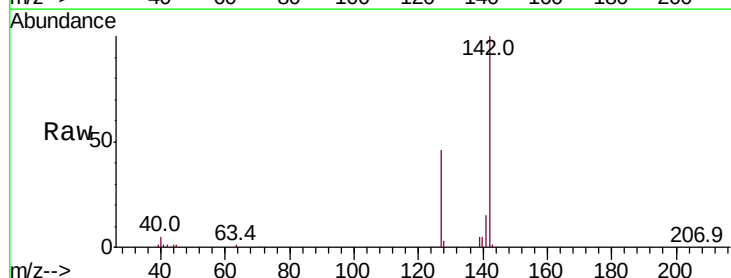
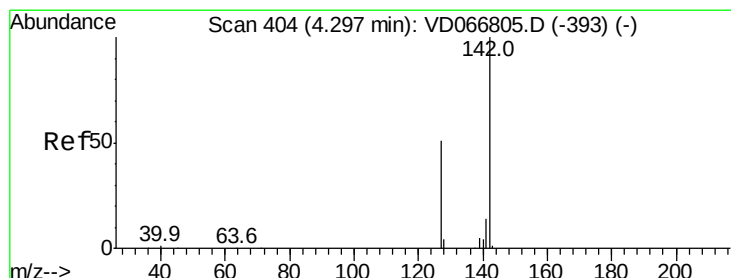
Tgt Ion:142 Resp: 144893

Ion Ratio Lower Upper

142 100

127 47.8 39.4 59.0

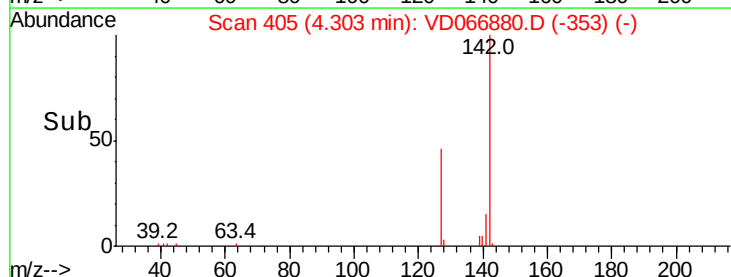
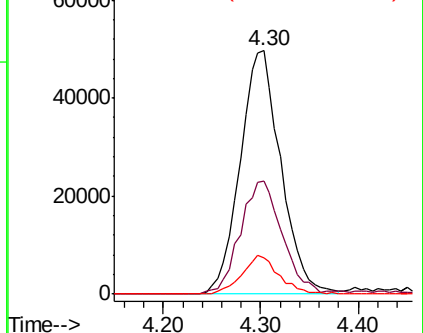
141 14.5 12.1 18.1

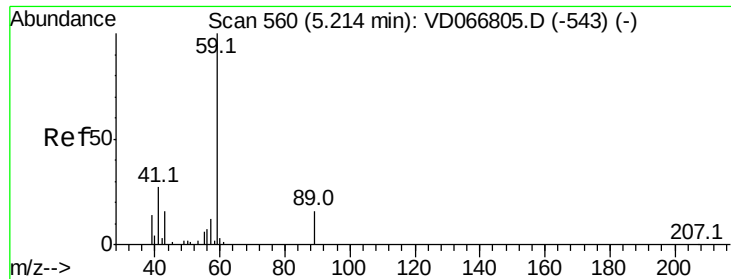


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

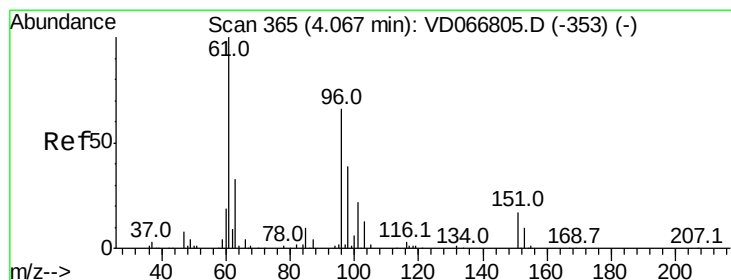
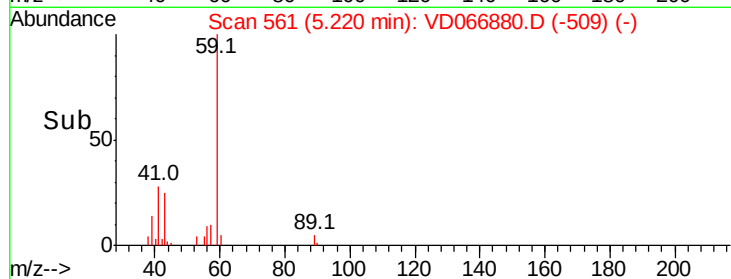
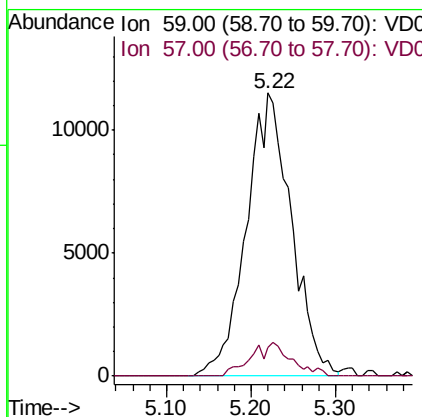
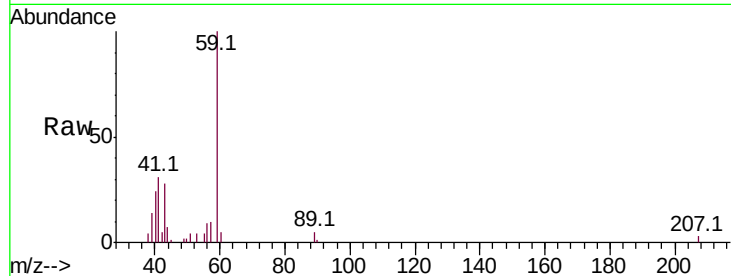




#11  
Tert butyl alcohol  
Concen: 228.375 ug/l  
RT: 5.22 min Scan# 561  
Delta R.T. 0.01 min  
Lab File: VD066880.D  
Acq: 25 Sep 2020 18:01

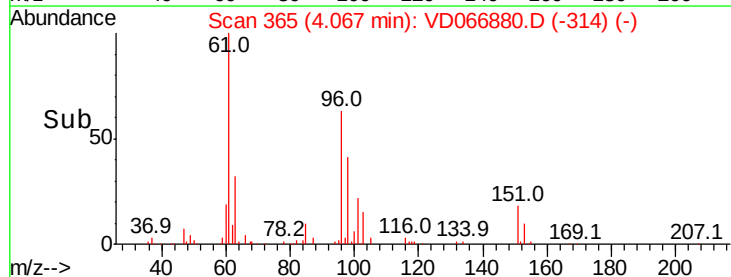
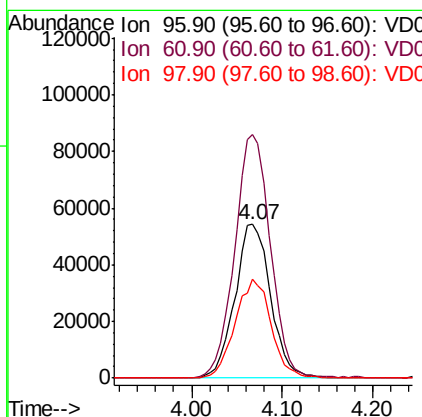
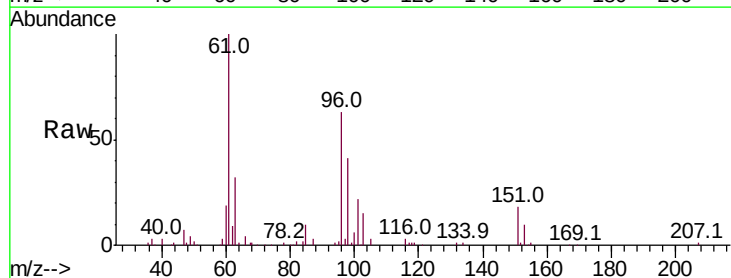
Instrument :  
MSVOA\_D  
ClientSampleId :  
B-2(4-5)MS

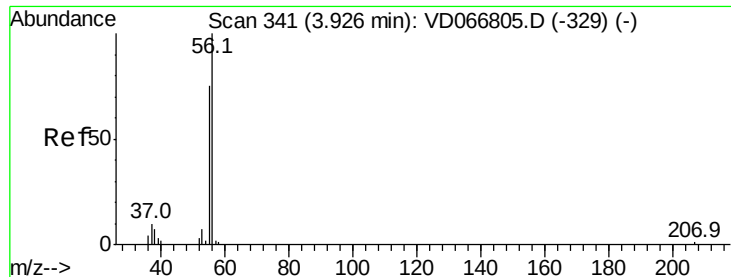
Tot Ion: 59 Resp: 42707  
Ion Ratio Lower Upper  
59 100  
57 6.5 8.3 12.5#



#12  
1,1-Dichloroethene  
Concen: 48.902 ug/l  
RT: 4.07 min Scan# 365  
Delta R.T. -0.00 min  
Lab File: VD066880.D  
Acq: 25 Sep 2020 18:01

Tgt Ion: 96 Resp: 148755  
Ion Ratio Lower Upper  
96 100  
61 158.1 120.8 181.2  
98 64.4 47.7 71.5





#13

Acrolein

Concen: 250.066 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.00 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Instrument :

MSVOA\_D

ClientSampleId :

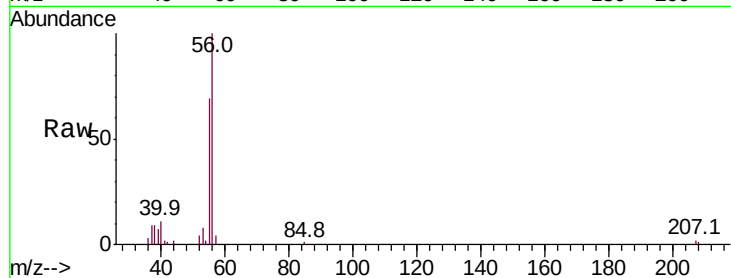
B-2(4-5)MS

Tot Ion: 56 Resp: 56088

Ion Ratio Lower Upper

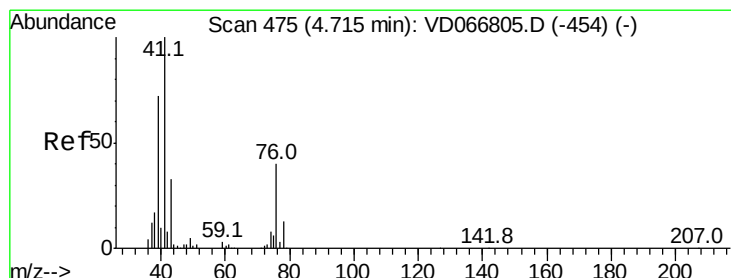
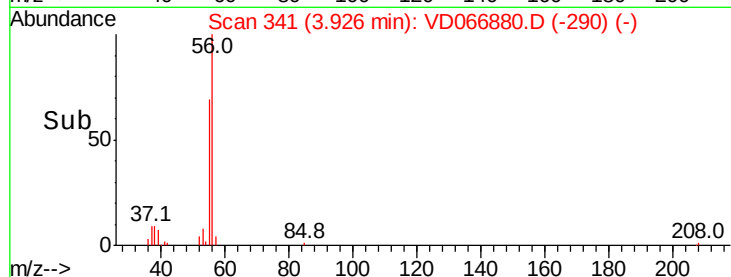
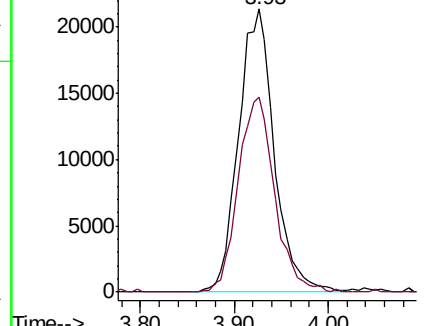
56 100

55 70.3 60.3 90.5



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 51.408 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

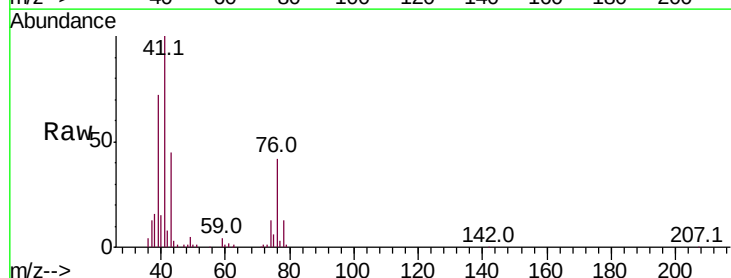
Tgt Ion: 41 Resp: 229627

Ion Ratio Lower Upper

41 100

39 72.2 57.8 86.8

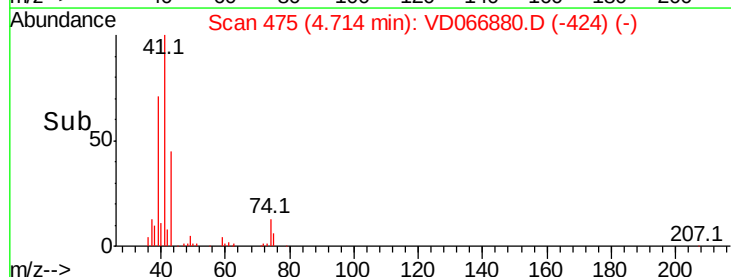
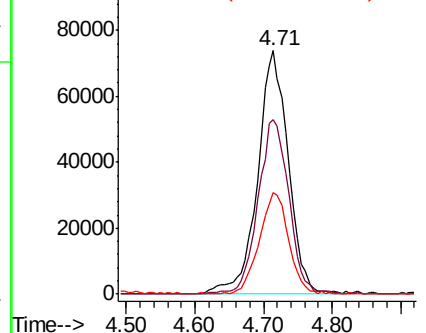
76 40.0 30.9 46.3

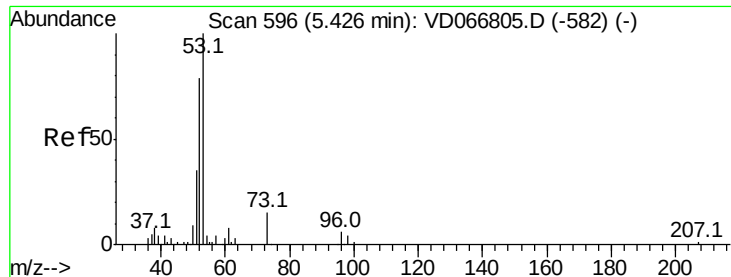


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 263.890 ug/l

RT: 5.43 min Scan# 597

Delta R.T. 0.01 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Instrument :

MSVOA\_D

ClientSampleId :

B-2(4-5)MS

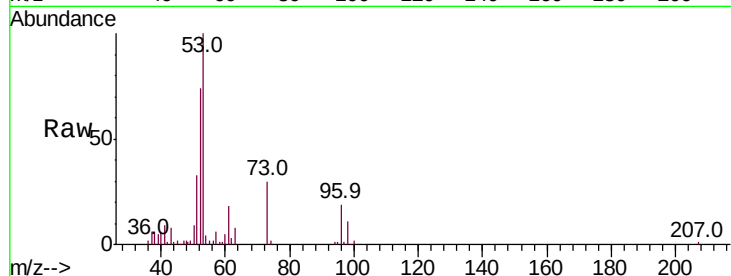
Tot Ion: 53 Resp: 171929

Ion Ratio Lower Upper

53 100

52 78.5 65.2 97.8

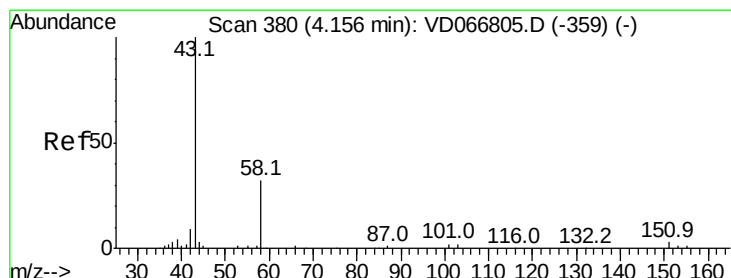
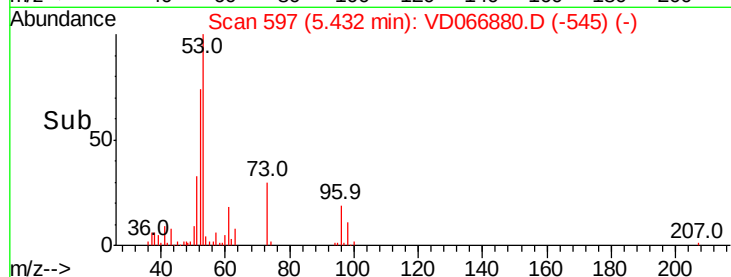
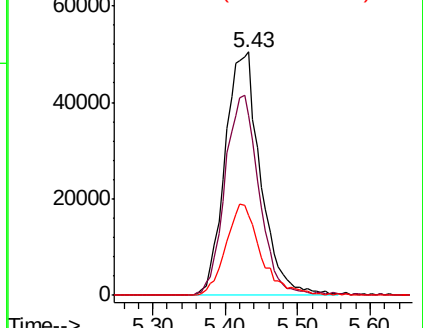
51 36.8 30.6 46.0



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: 254.362 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066880.D

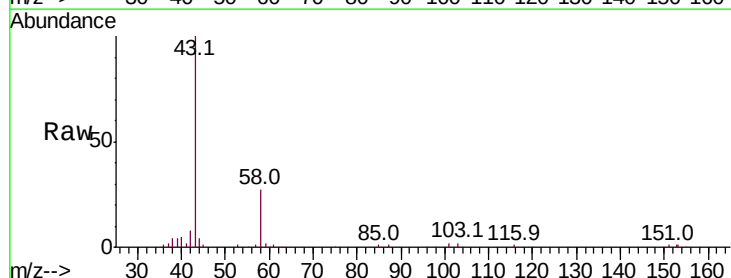
Acq: 25 Sep 2020 18:01

Tgt Ion: 43 Resp: 164059

Ion Ratio Lower Upper

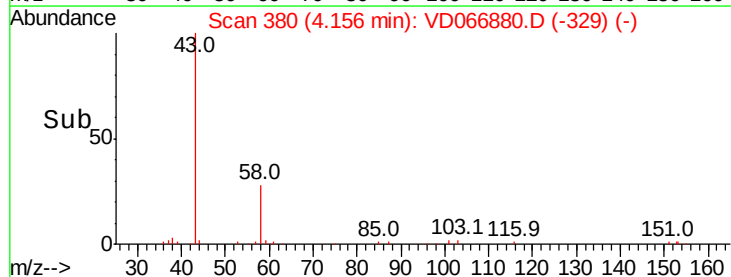
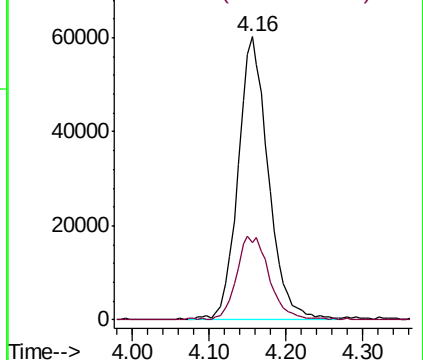
43 100

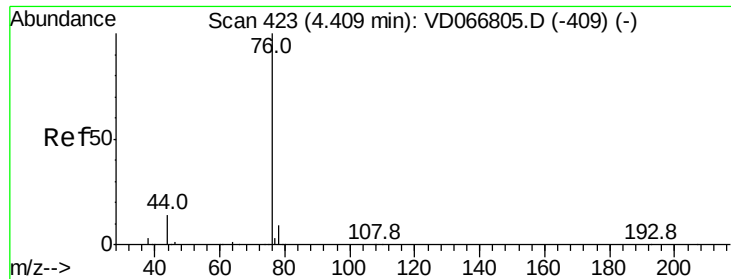
58 26.8 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

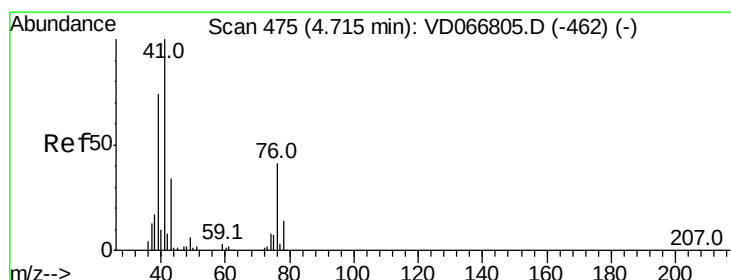
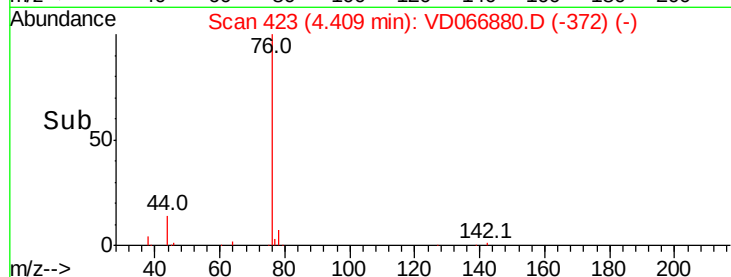
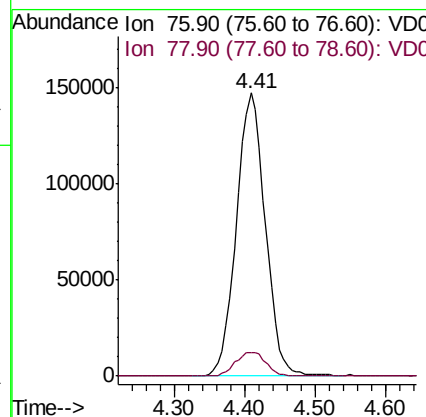
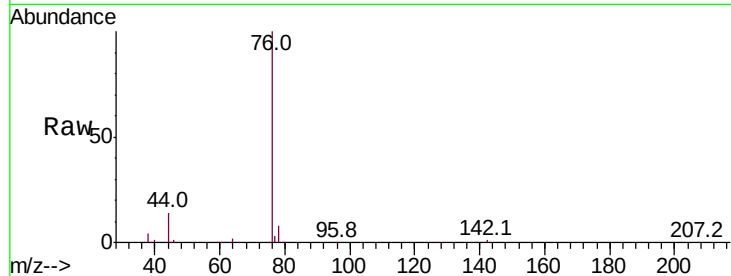




#17  
Carbon Disulfide  
Concen: 45.054 ug/l  
RT: 4.41 min Scan# 423  
Delta R.T. -0.00 min  
Lab File: VD066880.D  
Acq: 25 Sep 2020 18:01

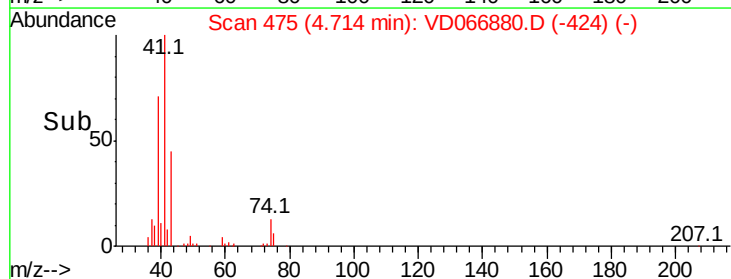
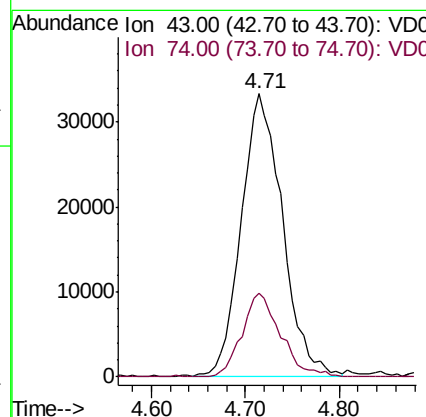
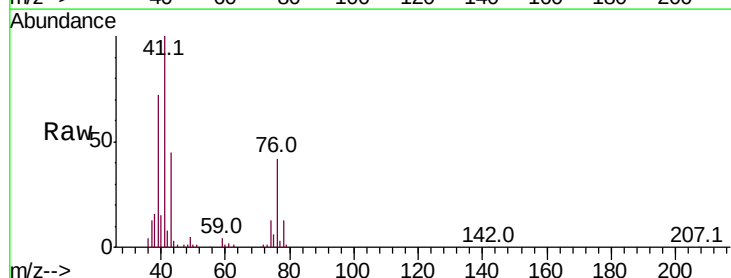
Instrument :  
MSVOA\_D  
ClientSampleId :  
B-2(4-5)MS

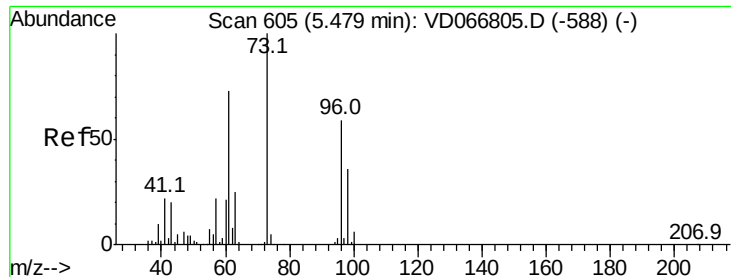
Tot Ion: 76 Resp: 418994  
Ion Ratio Lower Upper  
76 100  
78 8.3 7.6 11.4



#18  
Methyl Acetate  
Concen: 72.043 ug/l  
RT: 4.71 min Scan# 475  
Delta R.T. 0.00 min  
Lab File: VD066880.D  
Acq: 25 Sep 2020 18:01

Tgt Ion: 43 Resp: 101376  
Ion Ratio Lower Upper  
43 100  
74 27.7 20.3 30.5

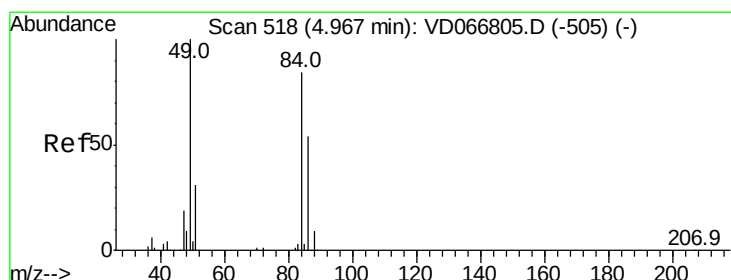
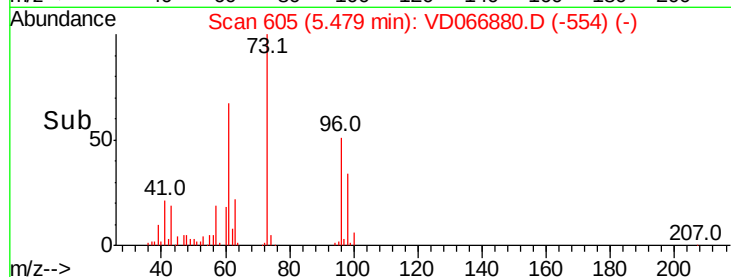
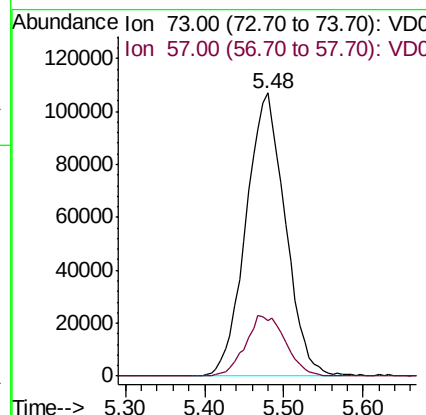
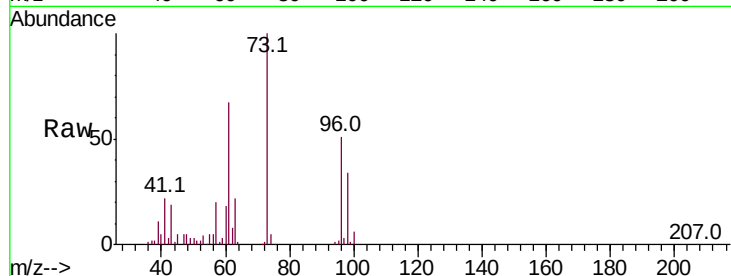




#19  
Methvl tert-butvl Ether  
Concen: 55.703 ug/l  
RT: 5.48 min Scan# 605  
Delta R.T. -0.00 min  
Lab File: VD066880.D  
Acq: 25 Sep 2020 18:01

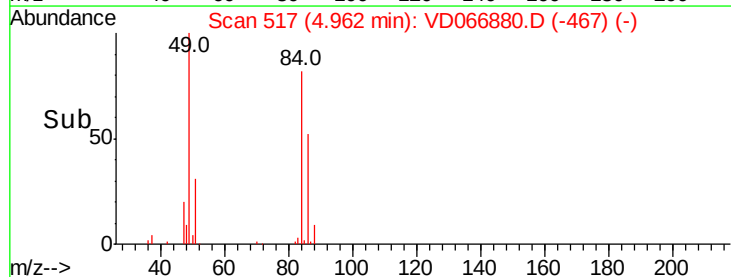
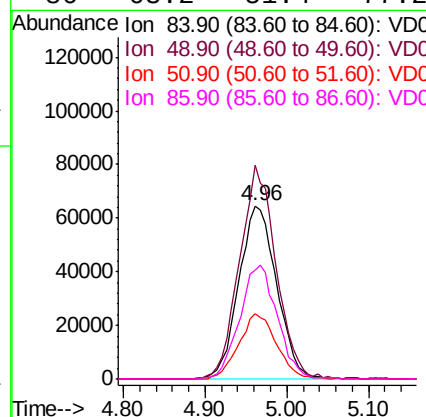
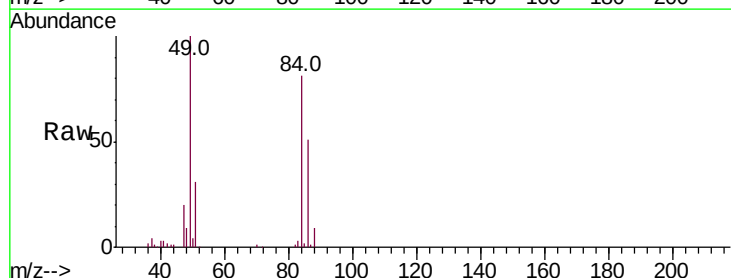
Instrument :  
MSVOA\_D  
ClientSampleId :  
B-2(4-5)MS

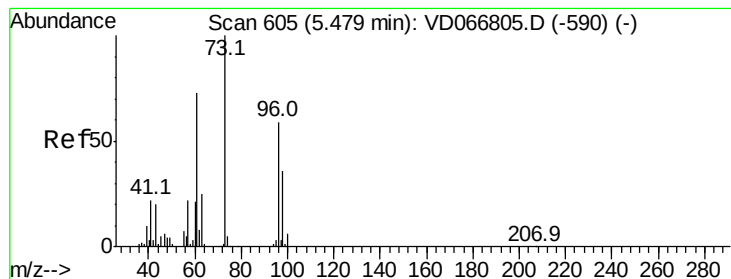
Tot Ion: 73 Resp: 367970  
Ion Ratio Lower Upper  
73 100  
57 19.5 17.4 26.2



#20  
Methylene Chloride  
Concen: 61.065 ug/l  
RT: 4.96 min Scan# 517  
Delta R.T. -0.01 min  
Lab File: VD066880.D  
Acq: 25 Sep 2020 18:01

Tgt Ion: 84 Resp: 208081  
Ion Ratio Lower Upper  
84 100  
49 123.5 95.4 143.2  
51 37.9 29.7 44.5  
86 63.2 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 51.033 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Instrument :

MSVOA\_D

ClientSampleId :

B-2(4-5)MS

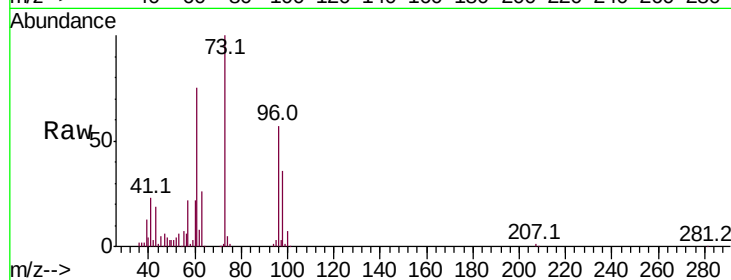
Tot Ion: 96 Resp: 179747

Ion Ratio Lower Upper

96 100

61 132.2 98.9 148.3

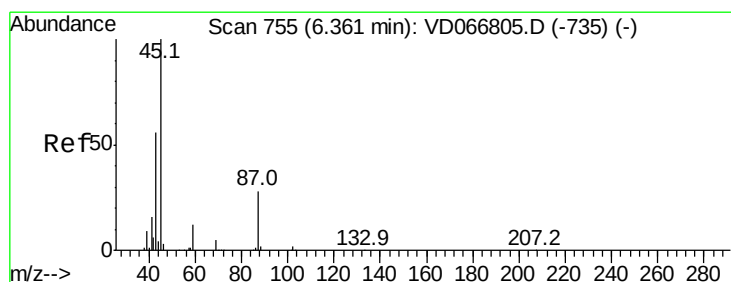
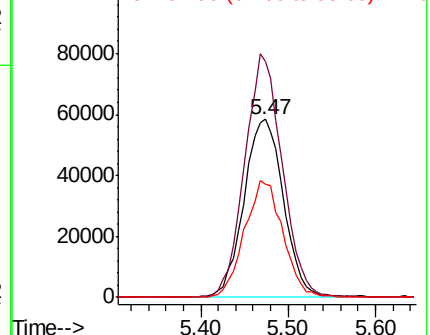
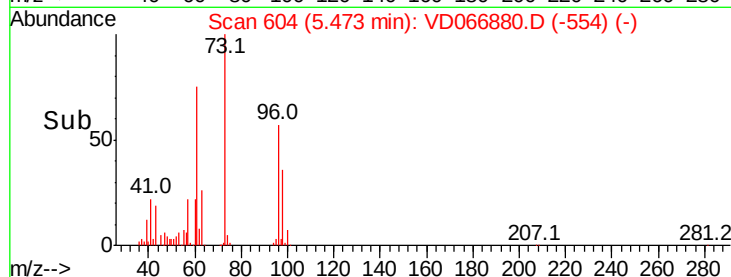
98 63.4 48.4 72.6



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: 58.108 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.00 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Tgt Ion: 45 Resp: 533668

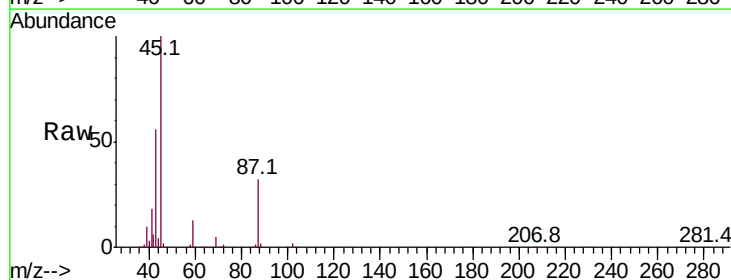
Ion Ratio Lower Upper

45 100

43 55.5 44.5 66.7

87 31.5 22.9 34.3

59 12.9 9.4 14.0

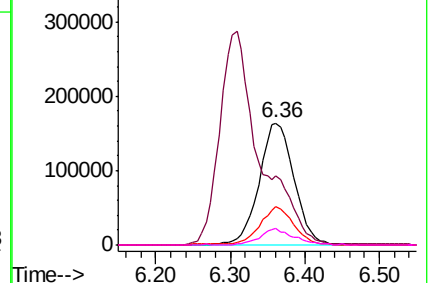
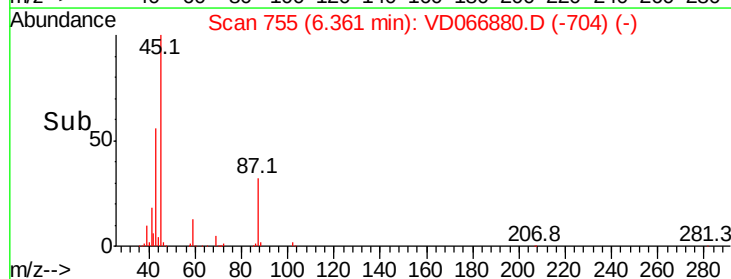


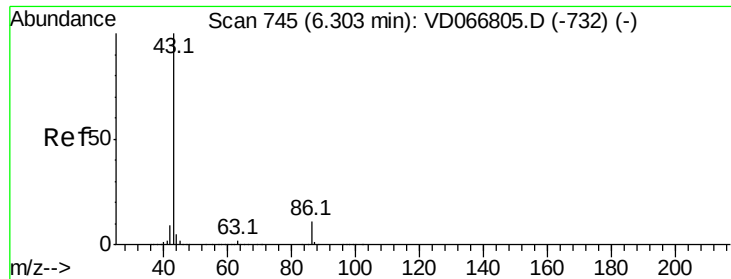
Abundance Ion 45.00 (44.70 to 45.70): VDC

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: 216.543 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Instrument :

MSVOA\_D

ClientSampleId :

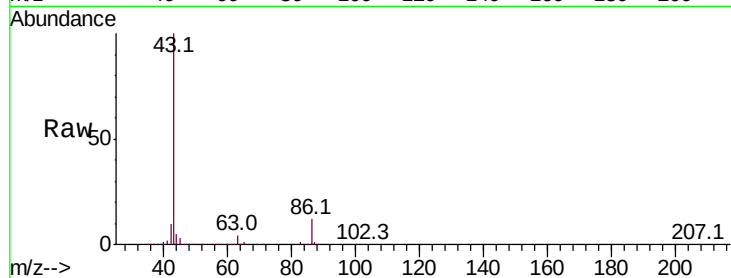
B-2(4-5)MS

Tot Ion: 43 Resp: 1077942

Ion Ratio Lower Upper

43 100

86 12.2 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.31

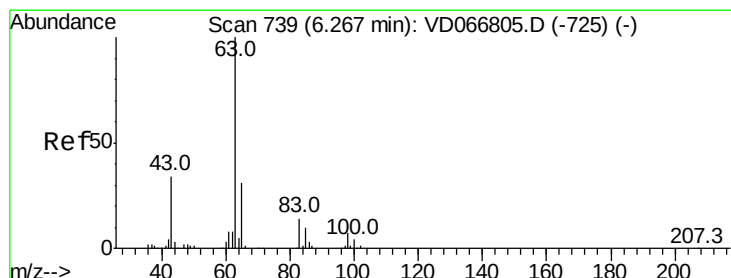
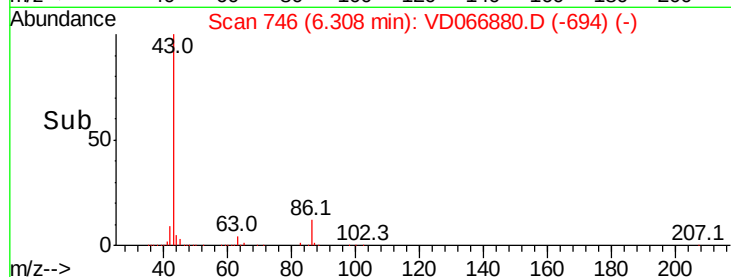
300000

200000

100000

0

Time--> 6.10 6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 53.200 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

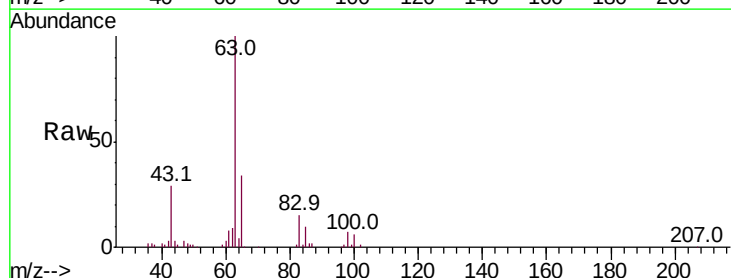
Tgt Ion: 63 Resp: 326861

Ion Ratio Lower Upper

63 100

98 7.2 3.7 11.1

100 5.8 1.8 5.5#



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

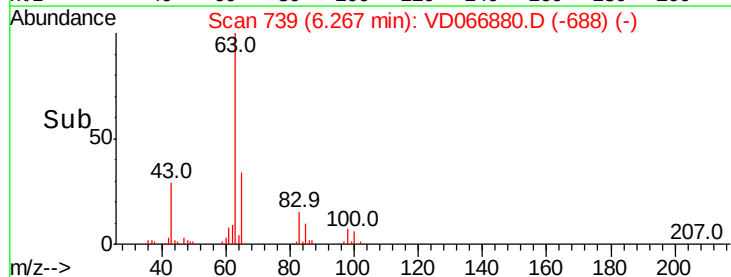
6.27

100000

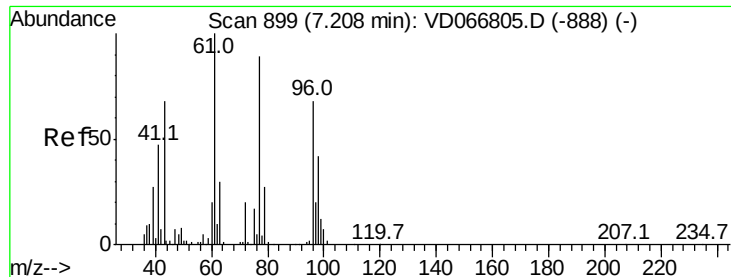
50000

0

Time--> 6.10 6.20 6.30 6.40







#25

2-Butanone

Concen: 249.243 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Instrument :

MSVOA\_D

ClientSampleId :

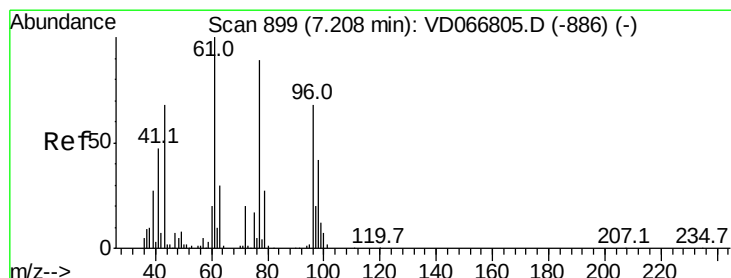
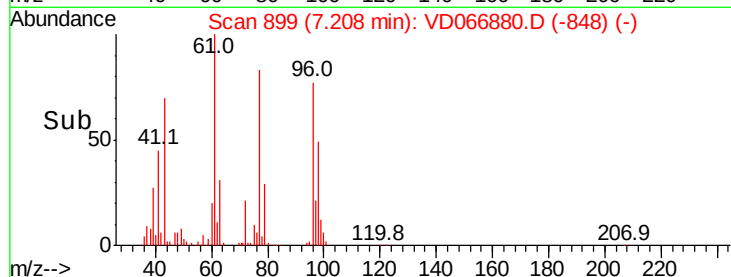
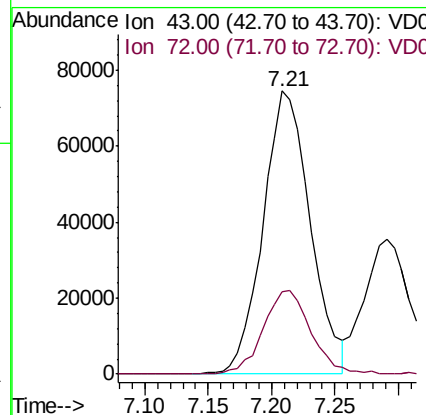
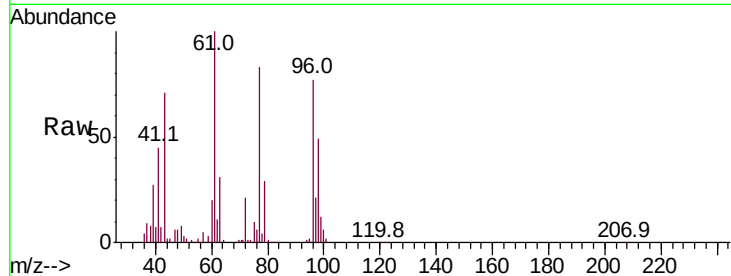
B-2(4-5)MS

Tot Ion: 43 Resp: 193187

Ion Ratio Lower Upper

43 100

72 29.2 22.9 34.3



#26

2,2-Dichloropropane

Concen: 46.595 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066880.D

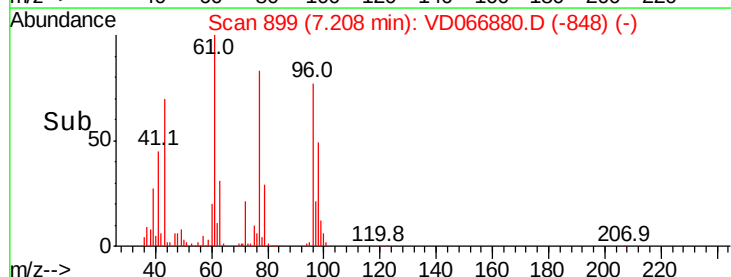
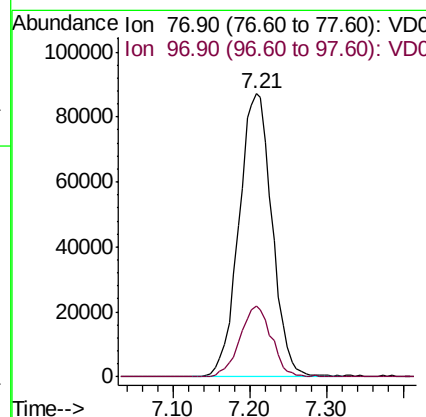
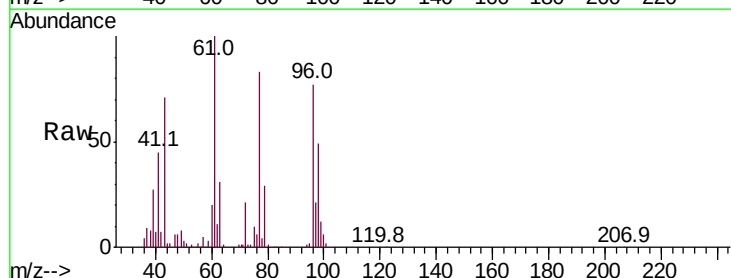
Acq: 25 Sep 2020 18:01

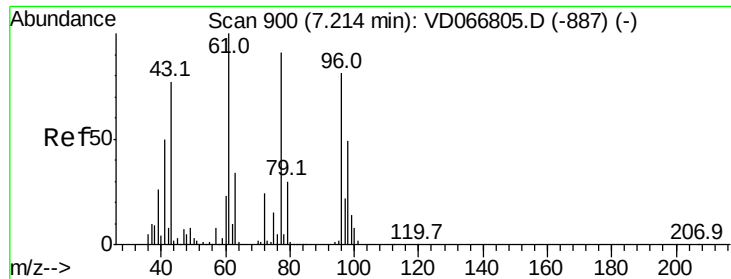
Tgt Ion: 77 Resp: 262390

Ion Ratio Lower Upper

77 100

97 23.8 11.7 35.1

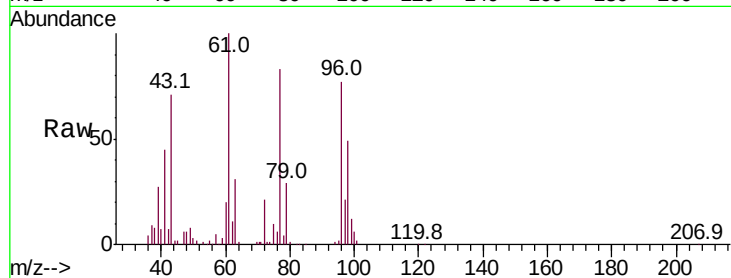




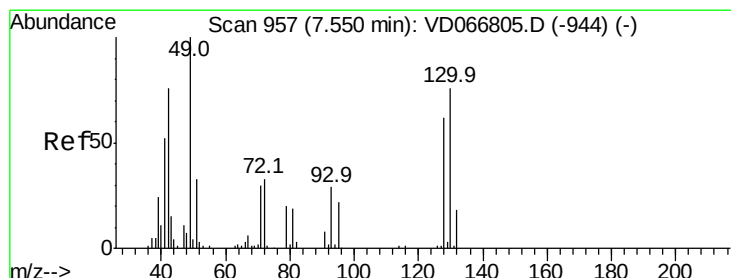
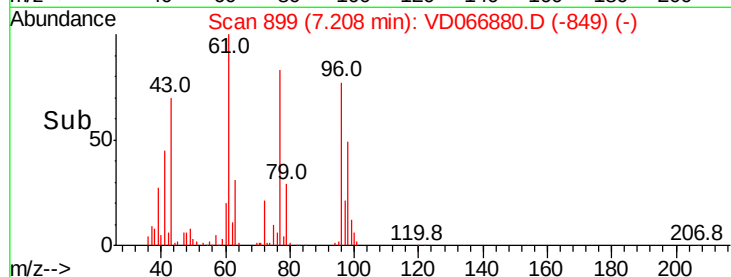
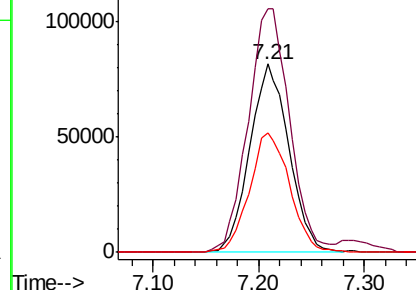
#27  
 cis-1,2-Dichloroethene  
 Concen: 55.124 ug/l  
 RT: 7.21 min Scan# 899  
 Delta R.T. -0.01 min  
 Lab File: VD066880.D  
 Acq: 25 Sep 2020 18:01

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 B-2(4-5)MS

| Tot Ion | 96    | Resp  | 210955 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 96      | 100   |       |        |
| 61      | 136.2 | 0.0   | 283.8  |
| 98      | 65.0  | 0.0   | 128.4  |

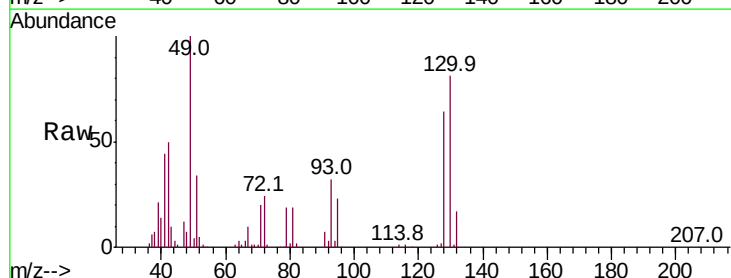


Abundance Ion 95.90 (95.60 to 96.60): VDC  
 Ion 60.90 (60.60 to 61.60): VDC  
 Ion 97.90 (97.60 to 98.60): VDC

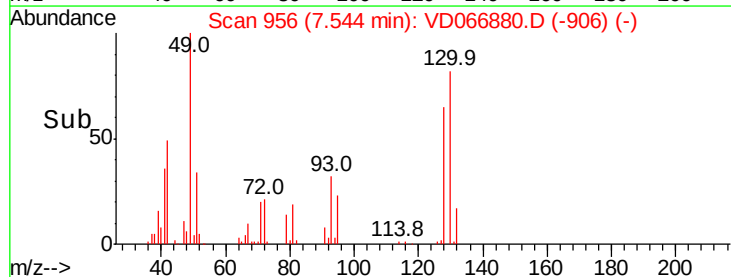
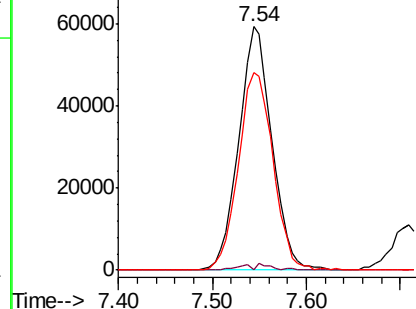


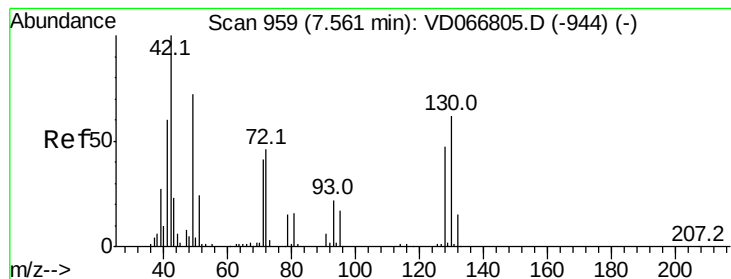
#28  
 Bromochloromethane  
 Concen: 56.945 ug/l  
 RT: 7.54 min Scan# 956  
 Delta R.T. -0.01 min  
 Lab File: VD066880.D  
 Acq: 25 Sep 2020 18:01

| Tgt Ion | 49    | Resp  | 144540 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 49      | 100   |       |        |
| 129     | 1.0   | 0.0   | 2.0    |
| 130     | 84.8  | 65.9  | 98.9   |



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





#29

Tetrahydrofuran

Concen: 258.449 ug/l

RT: 7.57 min Scan# 960

Delta R.T. 0.01 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Instrument :

MSVOA\_D

ClientSampleId :

B-2(4-5)MS

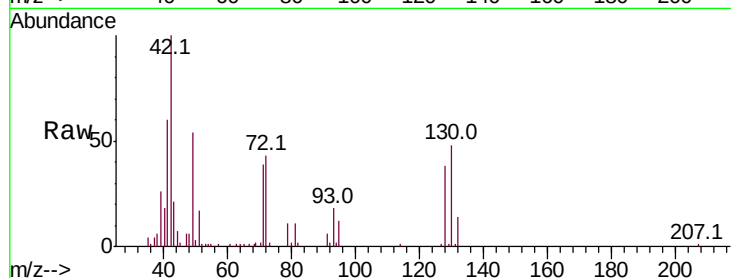
Tot Ion: 42 Resp: 128357

Ion Ratio Lower Upper

42 100

72 45.5 36.2 54.4

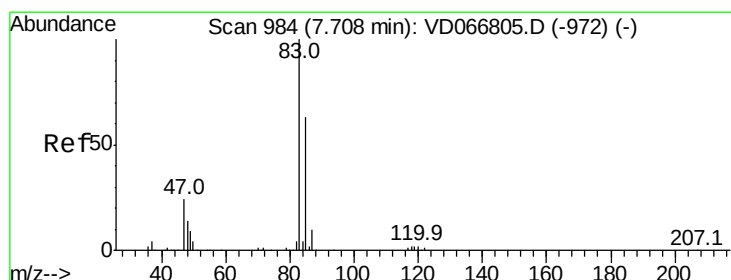
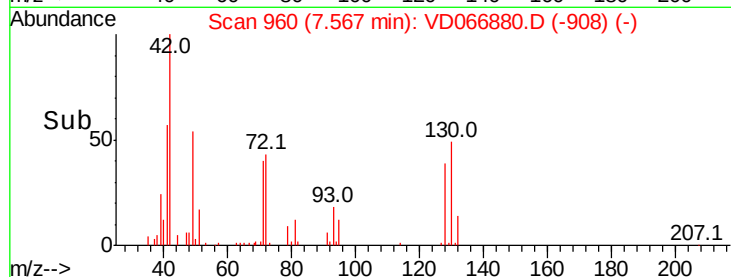
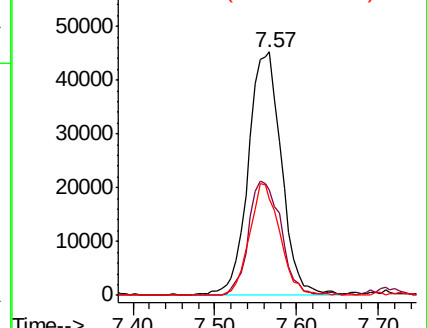
71 41.7 32.4 48.6



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: 52.882 ug/l

RT: 7.71 min Scan# 984

Delta R.T. -0.00 min

Lab File: VD066880.D

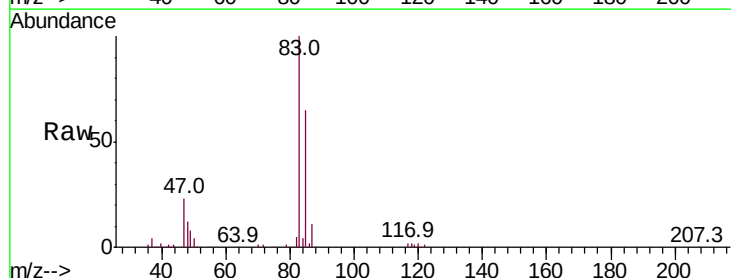
Acq: 25 Sep 2020 18:01

Tgt Ion: 83 Resp: 350227

Ion Ratio Lower Upper

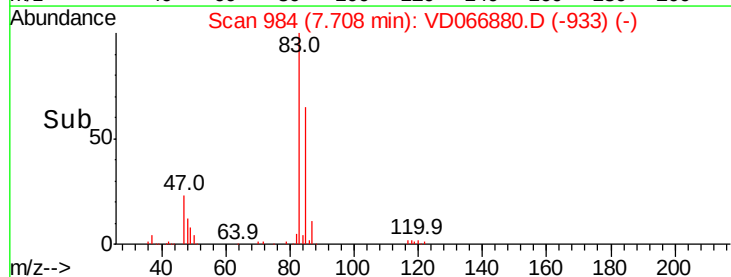
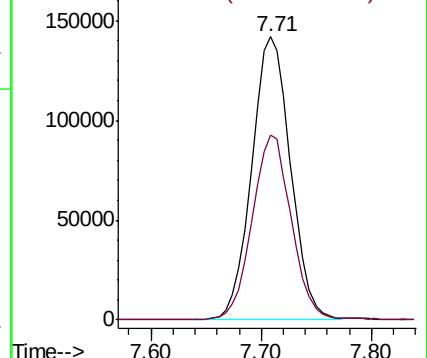
83 100

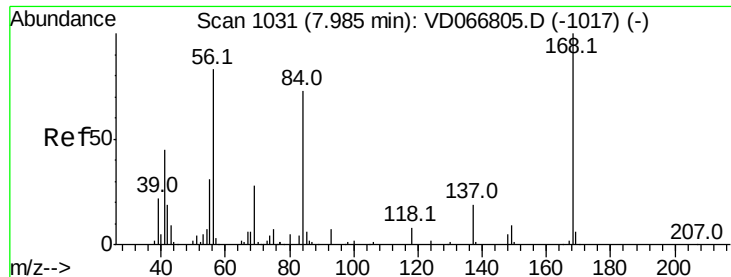
85 65.5 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC





#31

Cyclohexane

Concen: 29.553 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Instrument :

MSVOA\_D

ClientSampleId :

B-2(4-5)MS

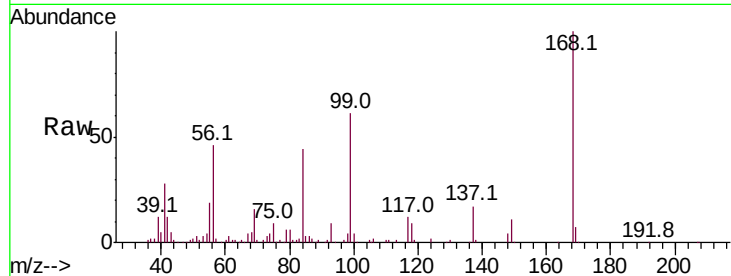
Tot Ion: 56 Resp: 163378

Ion Ratio Lower Upper

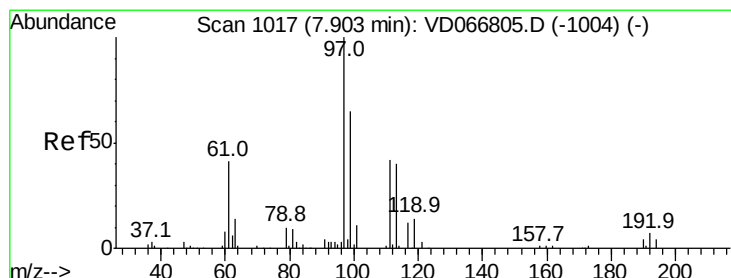
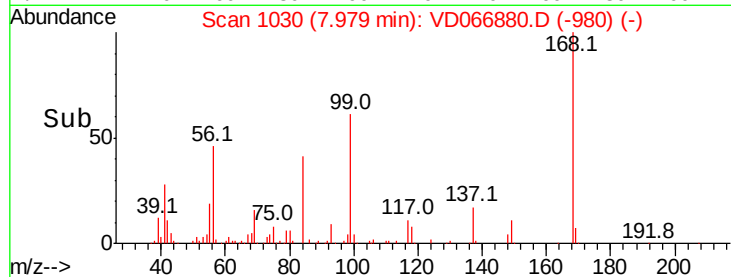
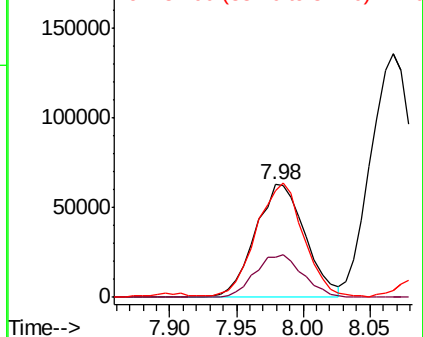
56 100

69 35.4 27.0 40.4

84 93.1 70.2 105.4



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: 48.833 ug/l

RT: 7.90 min Scan# 1016

Delta R.T. -0.01 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

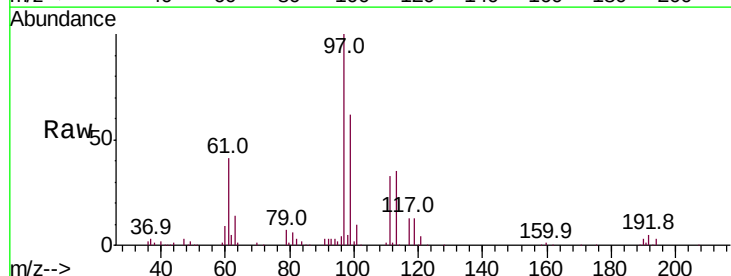
Tgt Ion: 97 Resp: 292564

Ion Ratio Lower Upper

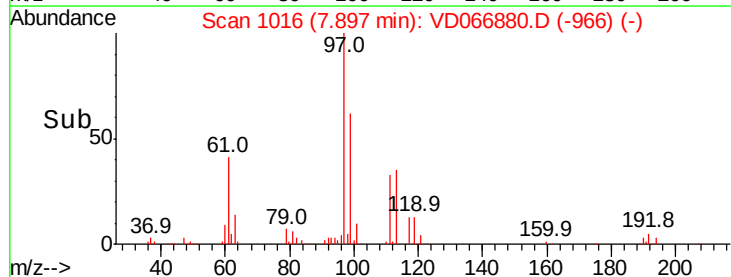
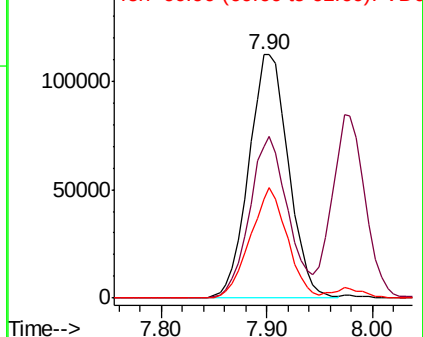
97 100

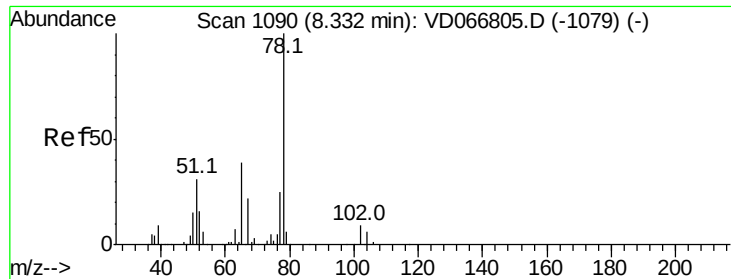
99 64.7 51.5 77.3

61 42.3 34.2 51.4



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: 51.442 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

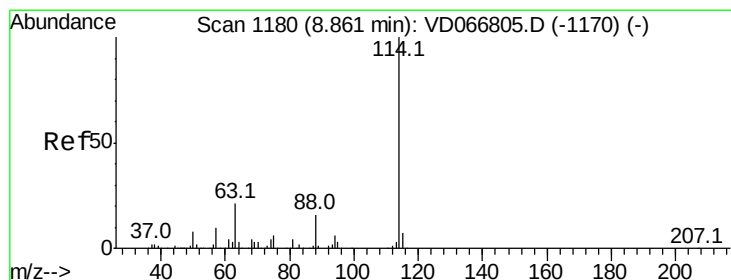
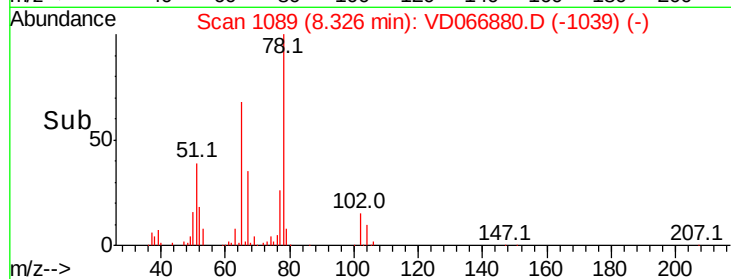
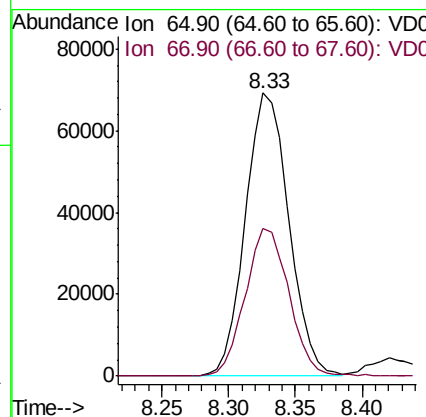
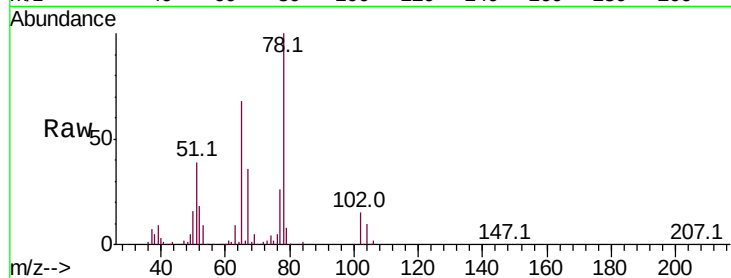
Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Instrument :  
MSVOA\_D  
ClientSampleId :  
B-2(4-5)MS

Tot Ion: 65 Resp: 156408

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 52.1  | 0.0   | 107.2 |



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

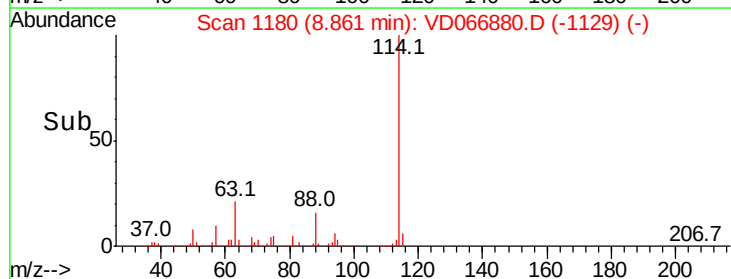
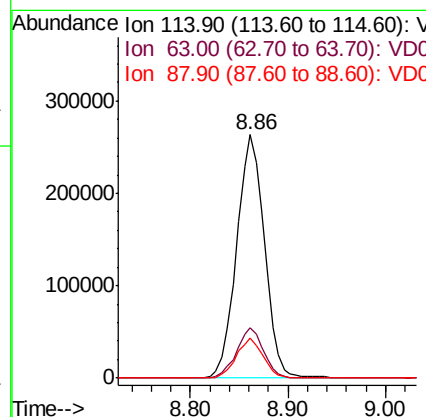
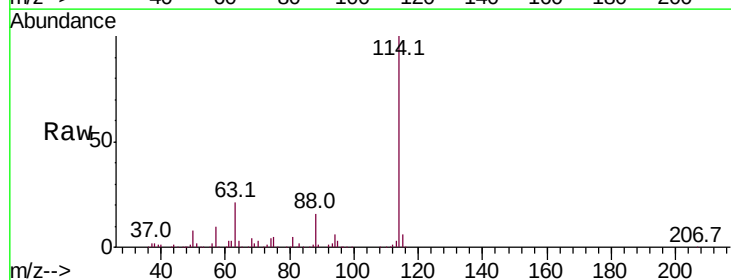
Delta R.T. -0.00 min

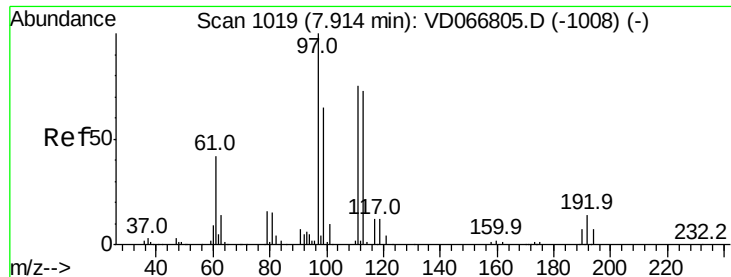
Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Tgt Ion: 114 Resp: 521654

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 114 | 100   |       |       |
| 63  | 20.6  | 0.0   | 42.6  |
| 88  | 16.3  | 0.0   | 32.6  |

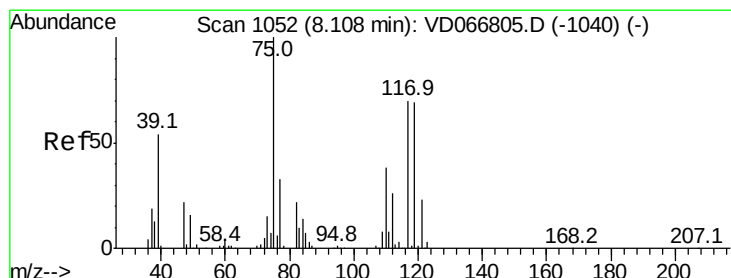
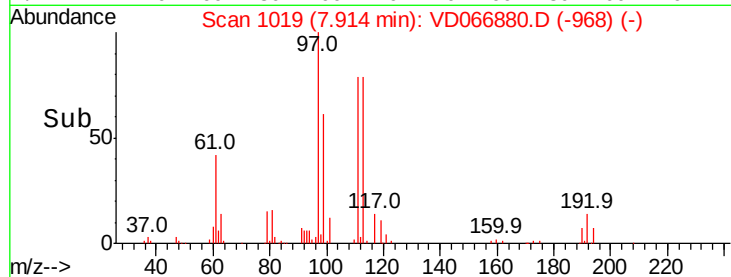
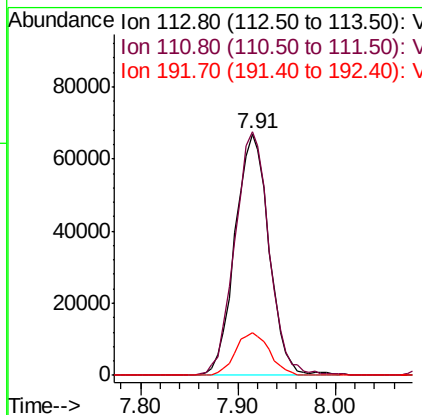
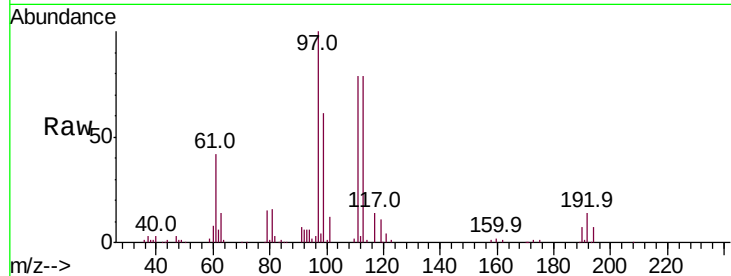




#35  
 Dibromofluoromethane  
 Concen: 48.886 ug/l  
 RT: 7.91 min Scan# 1019  
 Delta R.T. -0.00 min  
 Lab File: VD066880.D  
 Acq: 25 Sep 2020 18:01

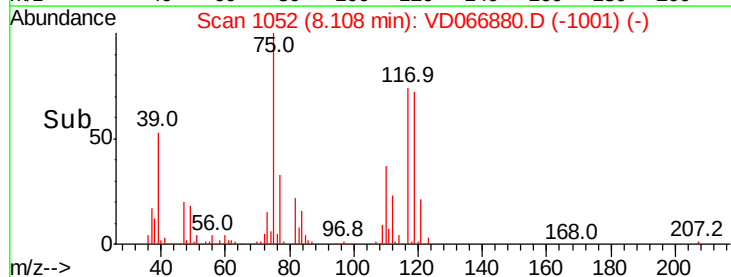
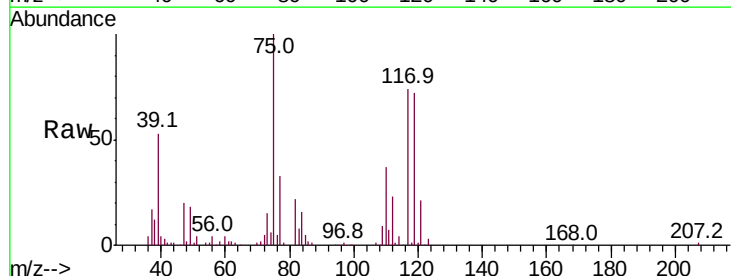
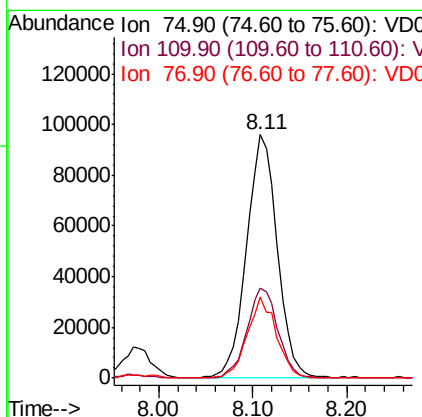
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 B-2(4-5)MS

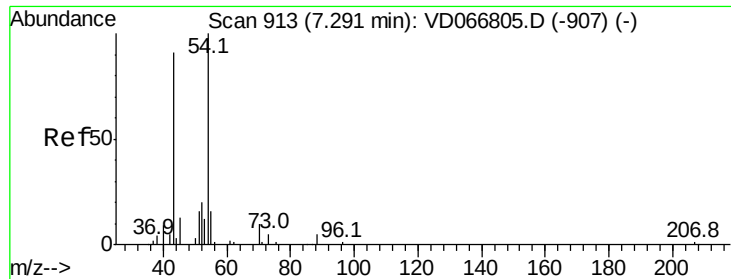
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.5 | 81.8  | 122.8 |
| 192     | 17.9  | 14.4  | 21.6  |



#36  
 1,1-Dichloropropene  
 Concen: 41.798 ug/l  
 RT: 8.11 min Scan# 1052  
 Delta R.T. -0.00 min  
 Lab File: VD066880.D  
 Acq: 25 Sep 2020 18:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 37.4  | 17.9  | 53.8  |
| 77      | 32.1  | 25.0  | 37.6  |

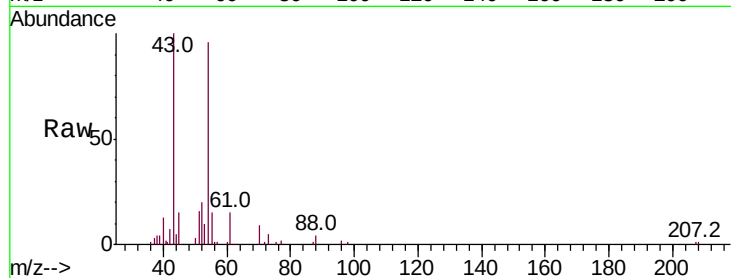




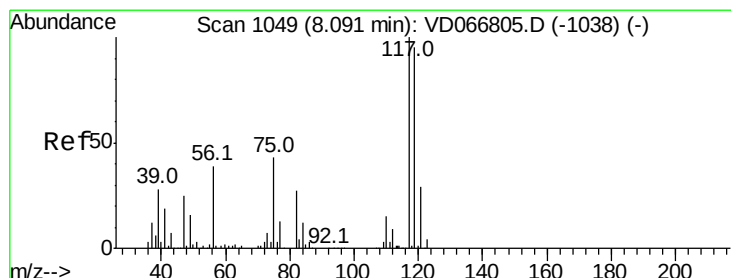
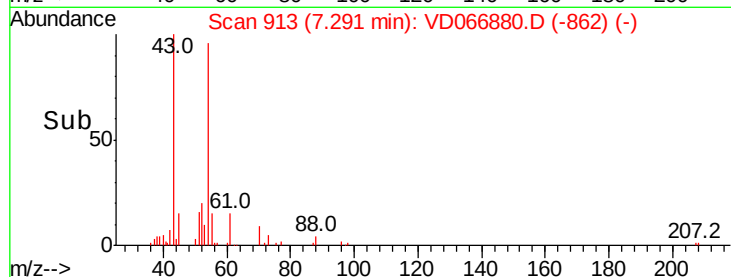
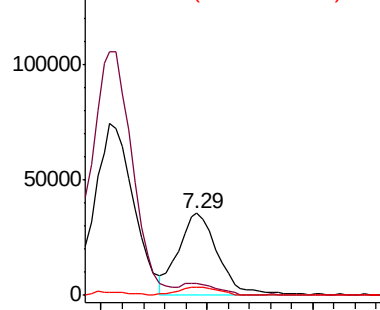
#37  
Ethyl Acetate  
Concen: 48.644 ug/l  
RT: 7.29 min Scan# 913  
Delta R.T. -0.00 min  
Lab File: VD066880.D  
Acq: 25 Sep 2020 18:01

Instrument :  
MSVOA\_D  
ClientSampleId :  
B-2(4-5)MS

Tot Ion: 43 Resp: 91007  
Ion Ratio Lower Upper  
43 100  
61 13.6 9.8 14.8  
70 10.5 8.5 12.7

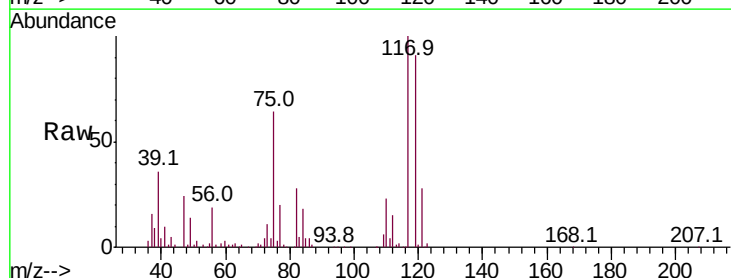


Abundance Ion 43.00 (42.70 to 43.70): VDC  
Ion 60.90 (60.60 to 61.60): VDC  
Ion 70.00 (69.70 to 70.70): VDC

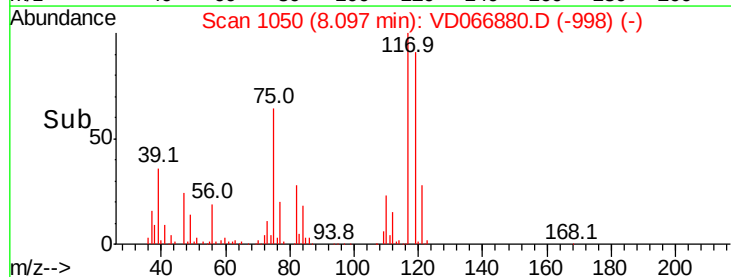
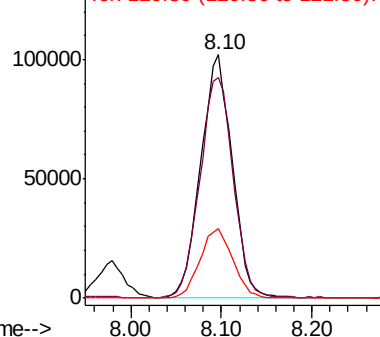


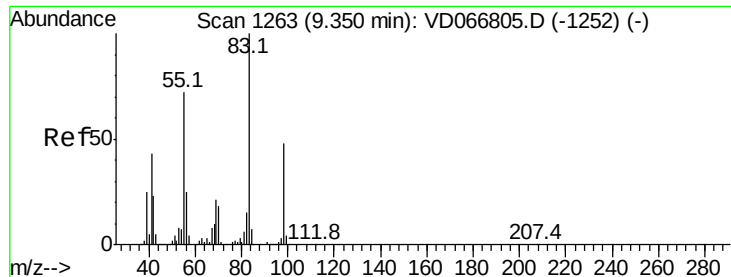
#38  
Carbon Tetrachloride  
Concen: 43.479 ug/l  
RT: 8.10 min Scan# 1050  
Delta R.T. 0.01 min  
Lab File: VD066880.D  
Acq: 25 Sep 2020 18:01

Tgt Ion: 117 Resp: 246005  
Ion Ratio Lower Upper  
117 100  
119 90.5 75.8 113.8  
121 28.6 23.4 35.0



Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 118.80 (118.50 to 119.50): V  
Ion 120.80 (120.50 to 121.50): V

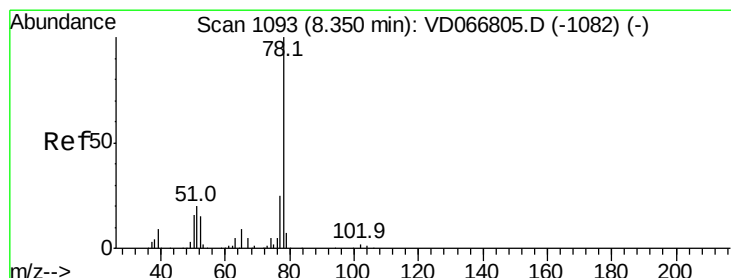
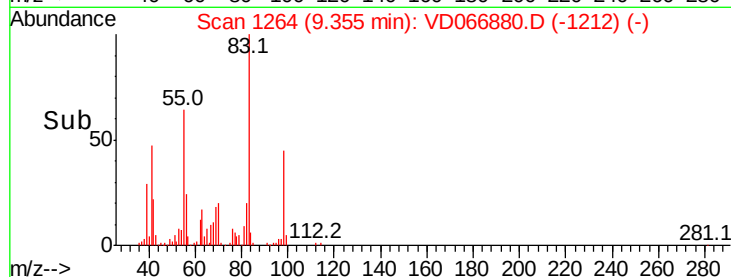
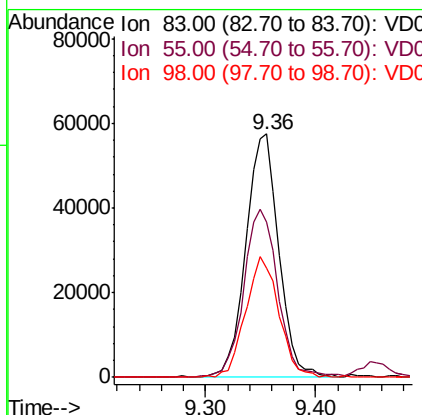
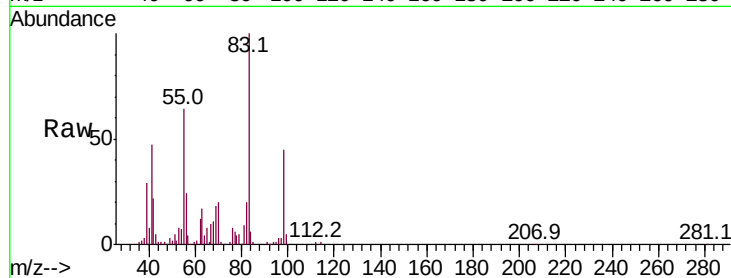




#39  
Methylvlcyclohexane  
Concen: 20.258 ug/l  
RT: 9.36 min Scan# 1264  
Delta R.T. 0.01 min  
Lab File: VD066880.D  
Acq: 25 Sep 2020 18:01

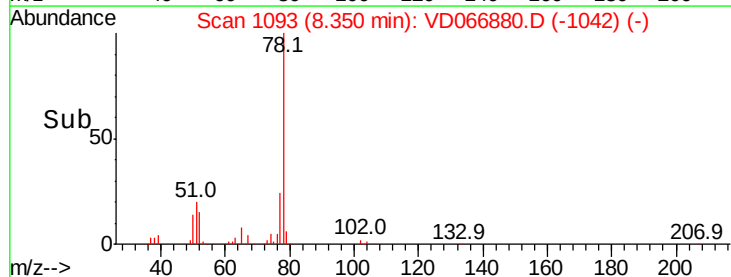
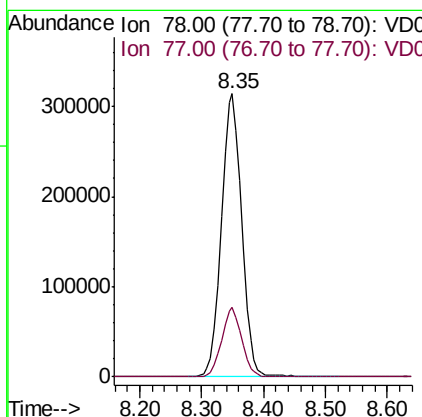
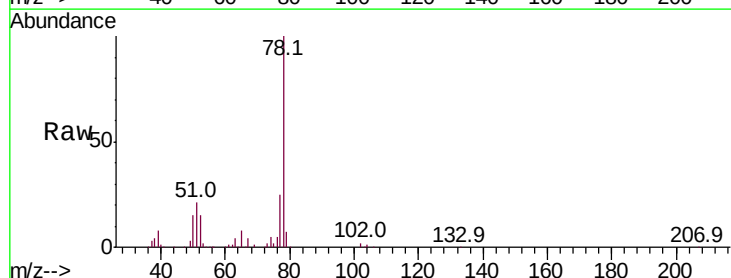
Instrument :  
MSVOA\_D  
ClientSampleId :  
B-2(4-5)MS

Tot Ion: 83 Resp: 120373  
Ion Ratio Lower Upper  
83 100  
55 63.6 57.7 86.5  
98 44.9 38.4 57.6

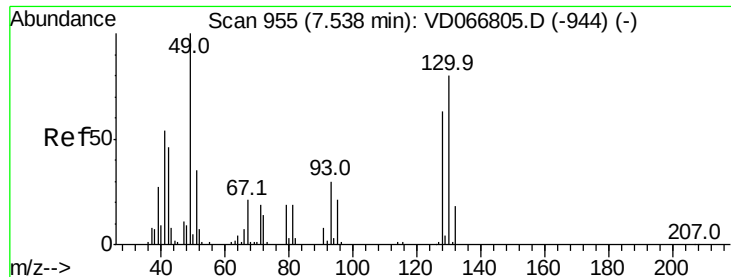


#40  
Benzene  
Concen: 49.777 ug/l  
RT: 8.35 min Scan# 1093  
Delta R.T. -0.00 min  
Lab File: VD066880.D  
Acq: 25 Sep 2020 18:01

Tgt Ion: 78 Resp: 717950  
Ion Ratio Lower Upper  
78 100  
77 24.5 19.9 29.9







#41

Methacrylonitrile

Concen: 42.775 ug/l

RT: 7.52 min Scan# 952

Delta R.T. -0.02 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Instrument :

MSVOA\_D

ClientSampleId :

B-2(4-5)MS

Tot Ion: 41 Resp: 49214

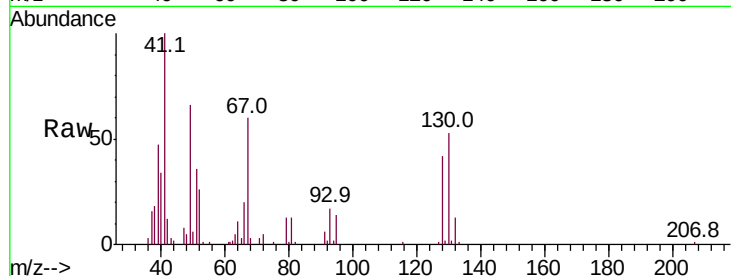
Ion Ratio Lower Upper

41 100

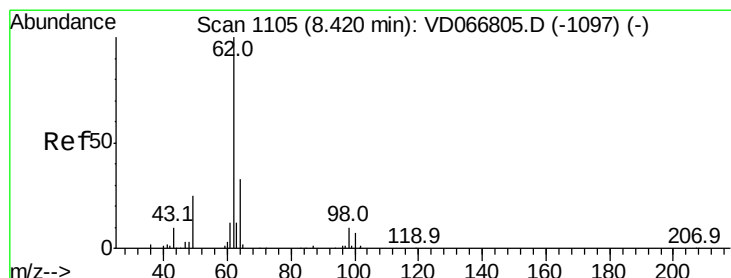
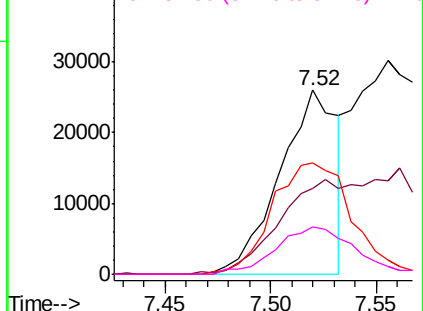
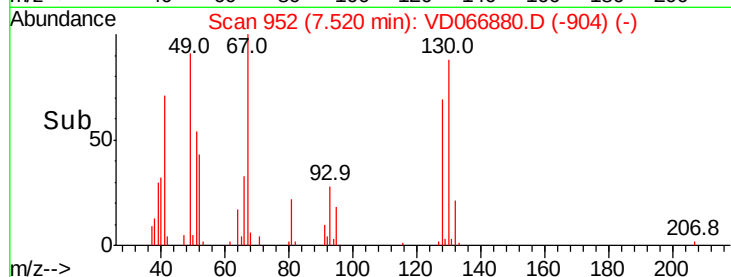
39 72.3 0.0 0.0#

67 84.0 0.0 0.0#

52 35.1 0.0 0.0#



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: 50.851 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VD066880.D

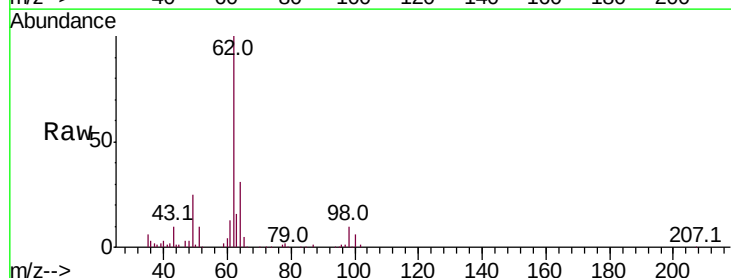
Acq: 25 Sep 2020 18:01

Tgt Ion: 62 Resp: 216821

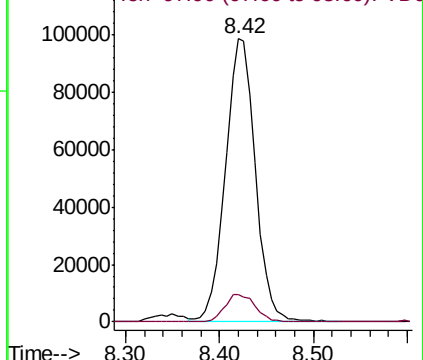
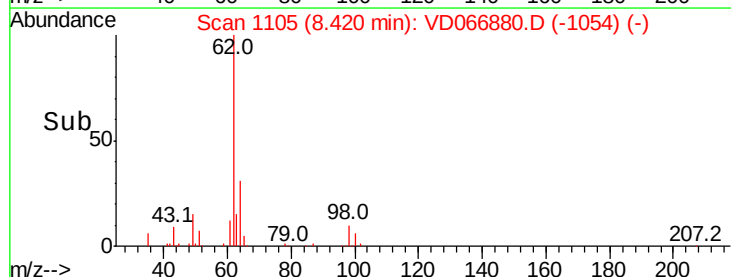
Ion Ratio Lower Upper

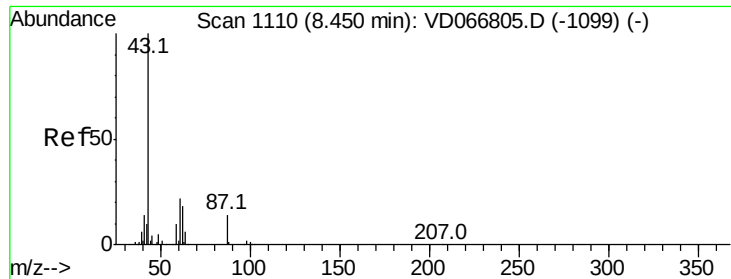
62 100

98 10.1 0.0 19.8



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

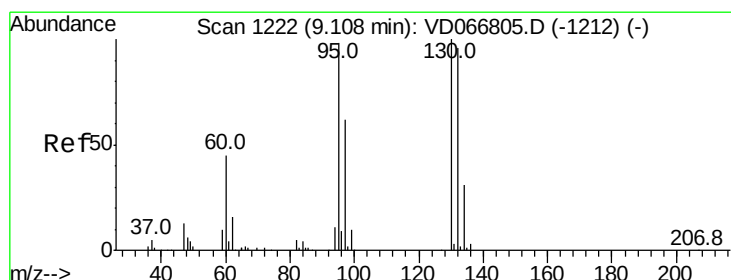
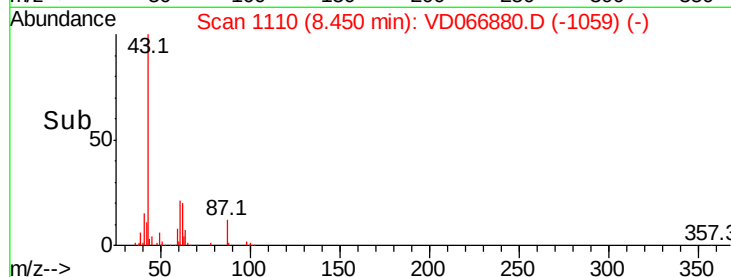
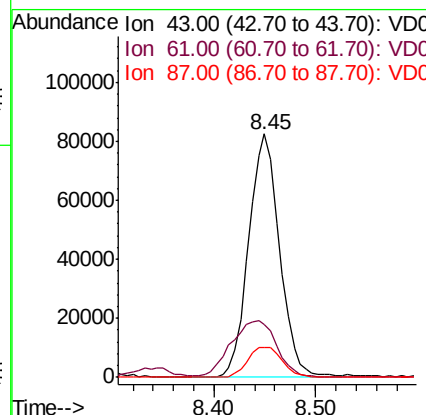
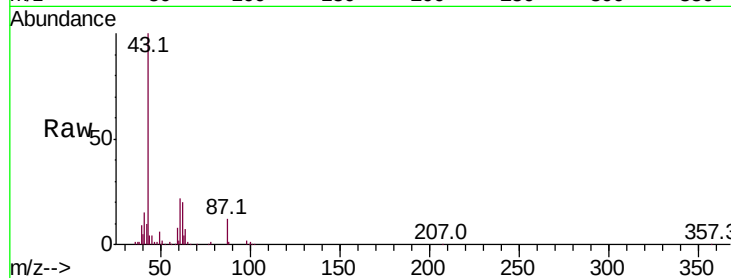




#43  
Isopropyl Acetate  
Concen: 48.393 ug/l  
RT: 8.45 min Scan# 1110  
Delta R.T. -0.00 min  
Lab File: VD066880.D  
Acq: 25 Sep 2020 18:01

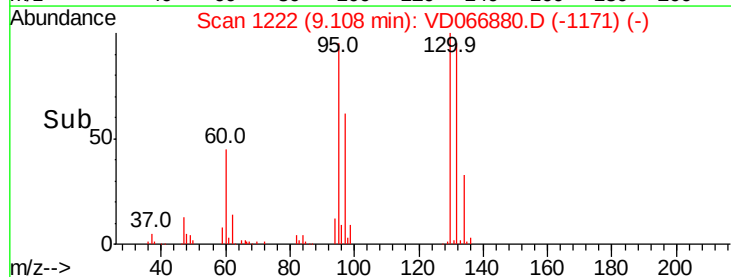
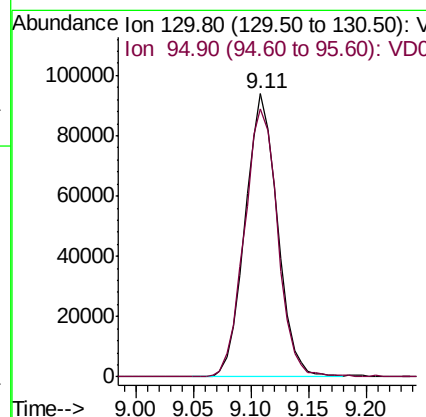
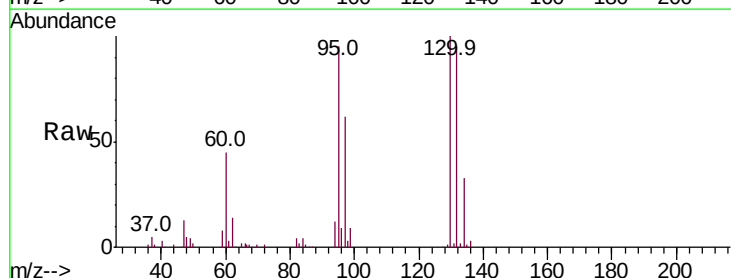
Instrument :  
MSVOA\_D  
ClientSampleId :  
B-2(4-5)MS

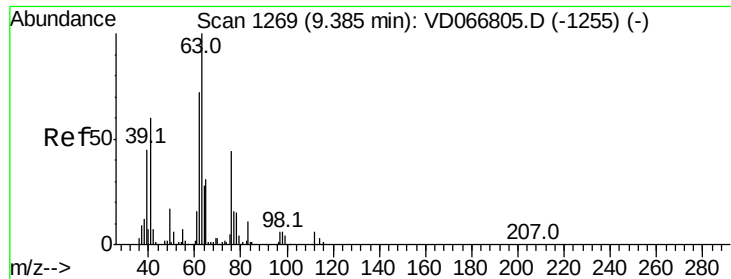
| Tot Ion   | 43   | Resp | 174553 |
|-----------|------|------|--------|
| Ion Ratio | 100  |      |        |
| Lower     | 26.2 |      |        |
| Upper     | 39.4 |      |        |
| 61        | 34.4 |      |        |
| 87        | 13.8 |      |        |
|           | 11.5 |      |        |
|           | 17.3 |      |        |



#44  
Trichloroethene  
Concen: 44.391 ug/l  
RT: 9.11 min Scan# 1222  
Delta R.T. -0.00 min  
Lab File: VD066880.D  
Acq: 25 Sep 2020 18:01

| Tgt Ion   | 130   | Resp | 182496 |
|-----------|-------|------|--------|
| Ion Ratio | 100   |      |        |
| Lower     | 0.0   |      |        |
| Upper     | 197.0 |      |        |
| 95        | 94.8  |      |        |





#45

1,2-Dichloropropane

Concen: 50.140 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Instrument :

MSVOA\_D

ClientSampleId :

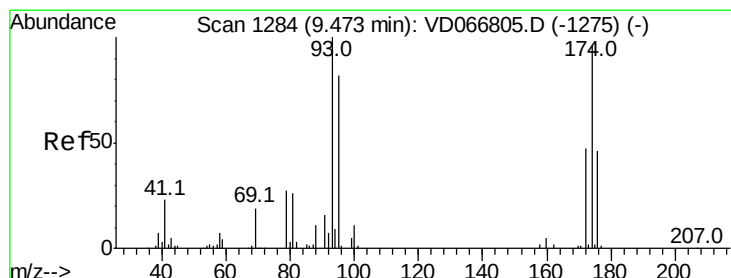
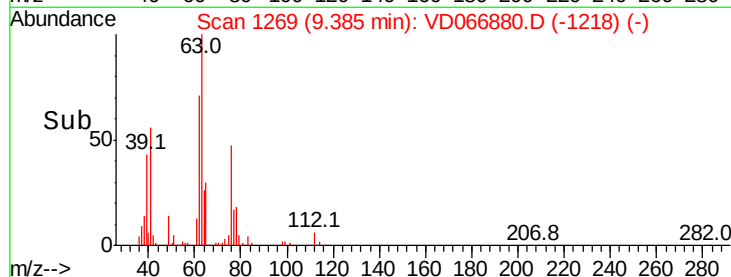
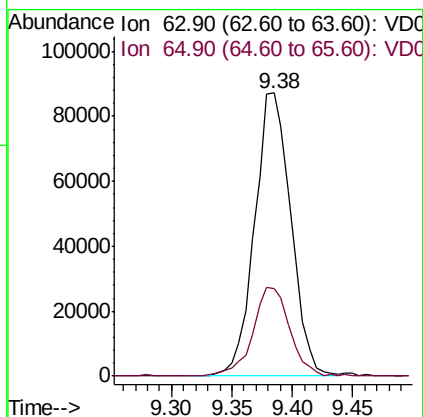
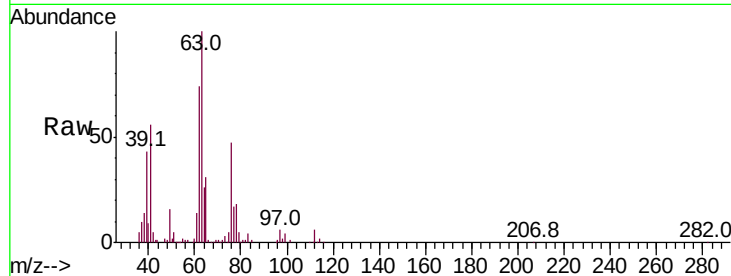
B-2(4-5)MS

Tot Ion: 63 Resp: 181954

Ion Ratio Lower Upper

63 100

65 30.7 24.7 37.1



#46

Dibromomethane

Concen: 50.267 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.01 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

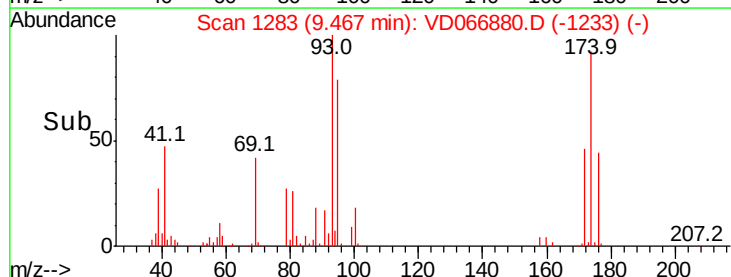
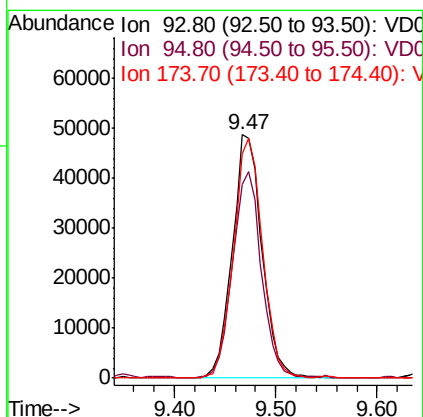
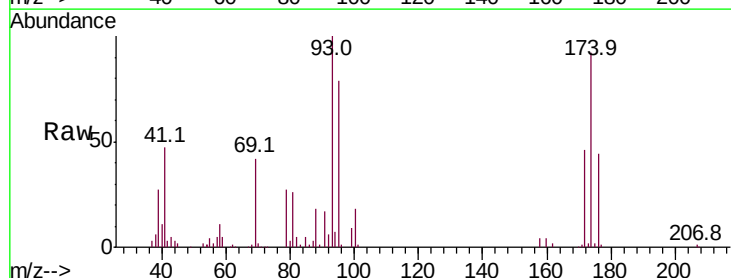
Tgt Ion: 93 Resp: 99111

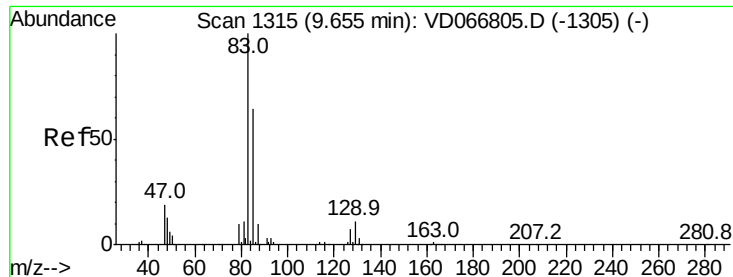
Ion Ratio Lower Upper

93 100

95 82.5 65.3 97.9

174 95.8 75.4 113.2





#47

Bromodichloromethane

Concen: 51.088 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Instrument :

MSVOA\_D

ClientSampleId :

B-2(4-5)MS

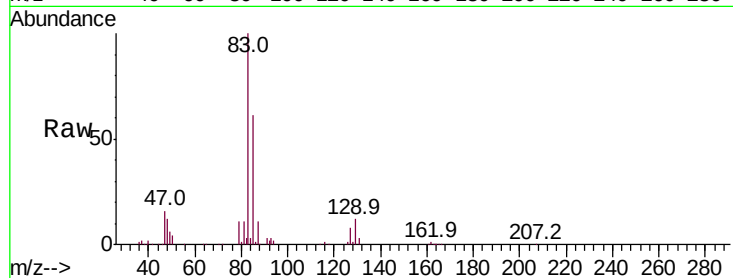
Tot Ion: 83 Resp: 270591

Ion Ratio Lower Upper

83 100

85 61.4 50.9 76.3

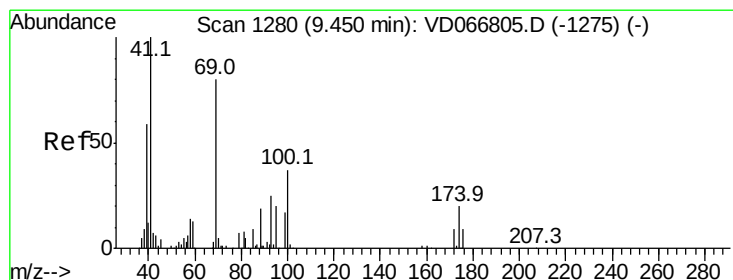
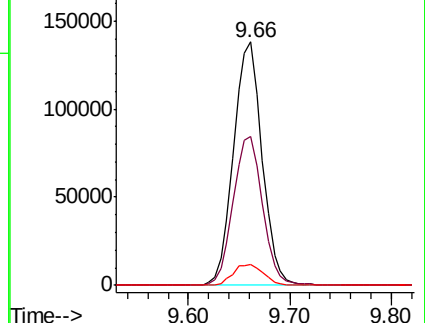
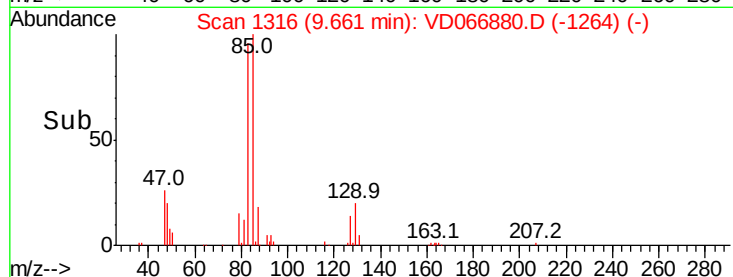
127 8.3 5.9 8.9



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: 53.071 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.00 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

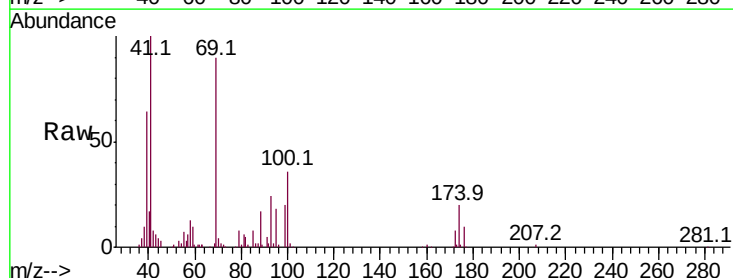
Tgt Ion: 41 Resp: 94381

Ion Ratio Lower Upper

41 100

69 89.0 74.5 111.7

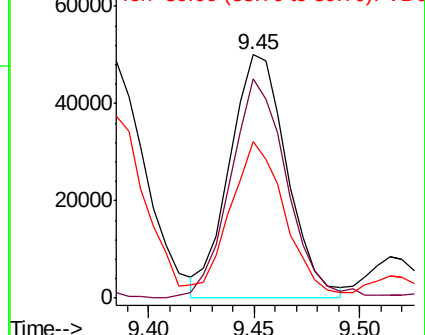
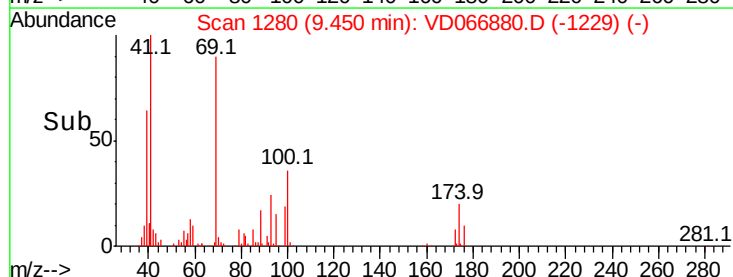
39 62.1 47.0 70.6

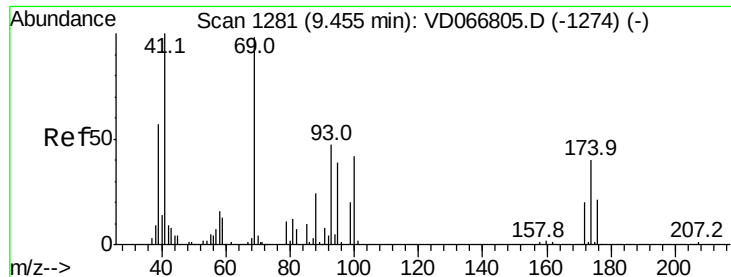


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#49

1,4-Dioxane

Concen: 1057.753 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Instrument :

MSVOA\_D

ClientSampleId :

B-2(4-5)MS

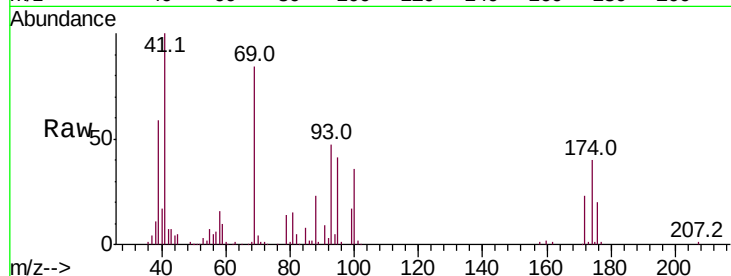
Tot Ion: 88 Resp: 23517

Ion Ratio Lower Upper

88 100

43 29.0 27.7 41.5

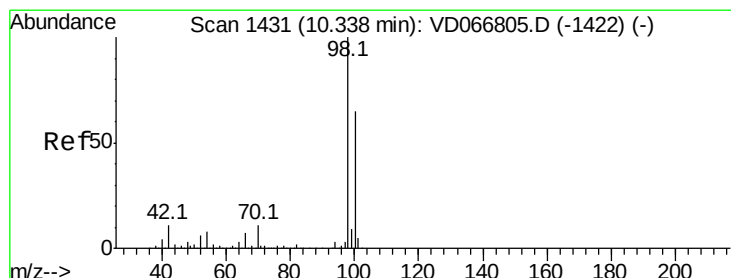
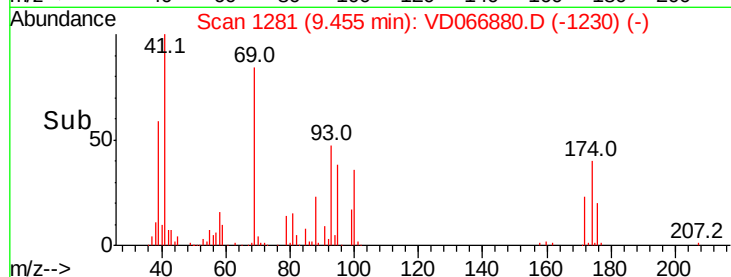
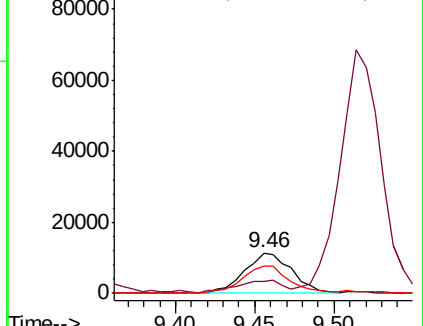
58 68.2 55.5 83.3



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 45.816 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066880.D

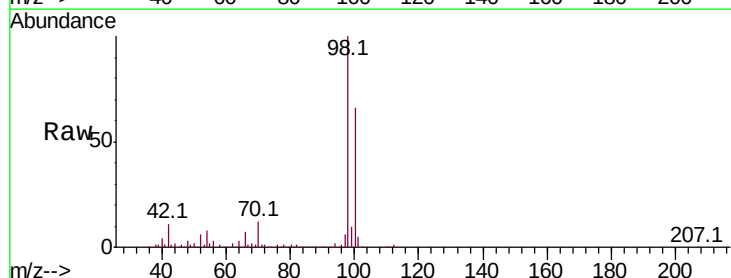
Acq: 25 Sep 2020 18:01

Tgt Ion: 98 Resp: 518073

Ion Ratio Lower Upper

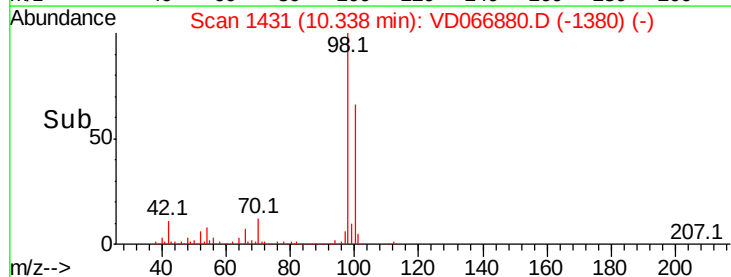
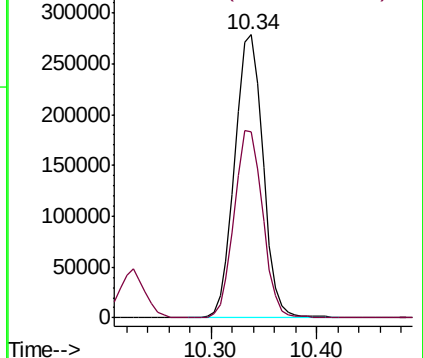
98 100

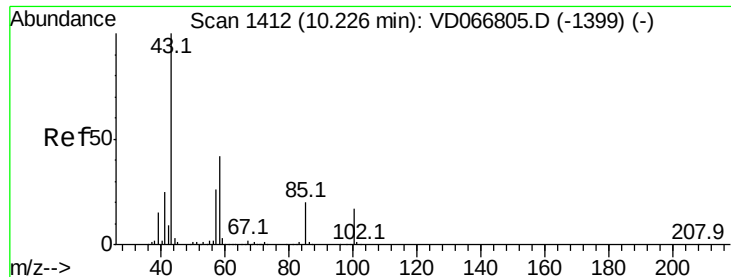
100 66.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 251.324 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Instrument :

MSVOA\_D

ClientSampleId :

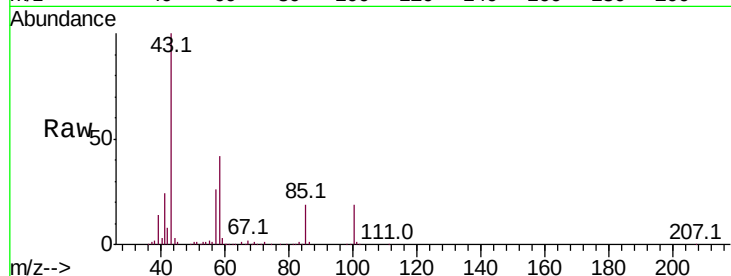
B-2(4-5)MS

Tot Ion: 43 Resp: 459338

Ion Ratio Lower Upper

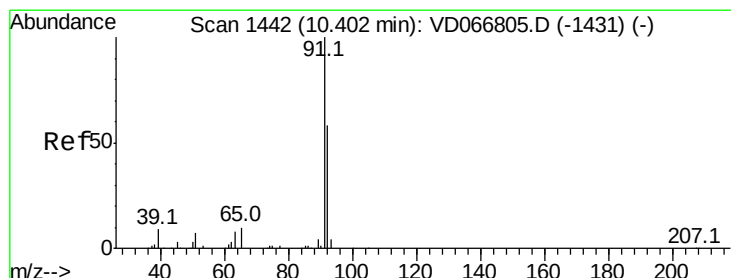
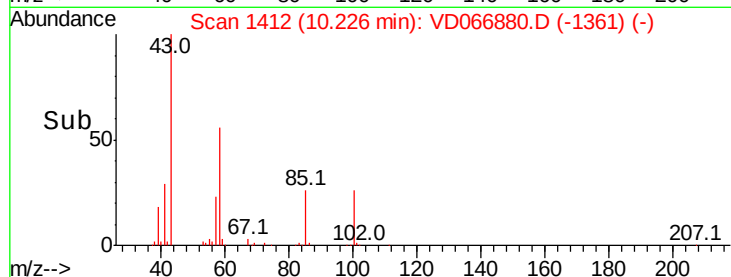
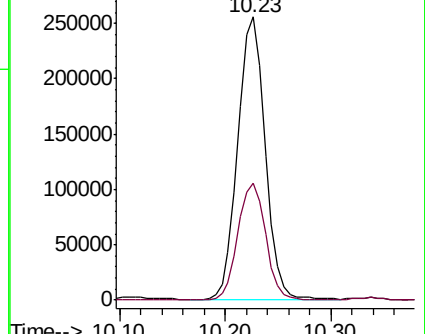
43 100

58 42.1 32.2 48.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 47.715 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066880.D

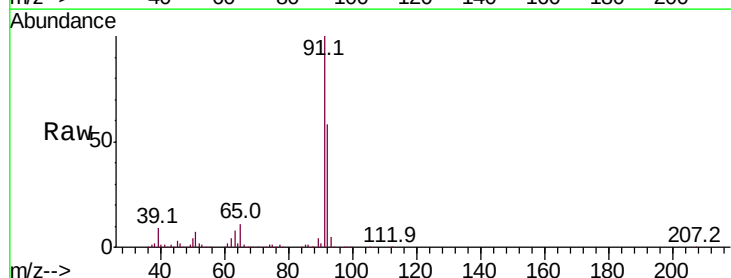
Acq: 25 Sep 2020 18:01

Tgt Ion: 92 Resp: 443294

Ion Ratio Lower Upper

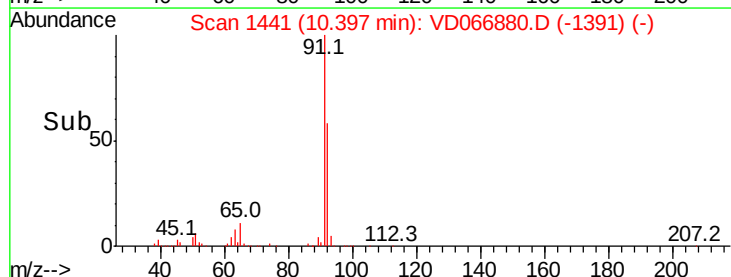
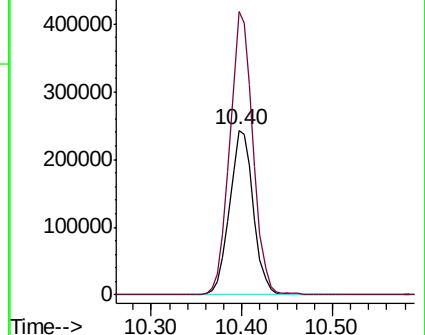
92 100

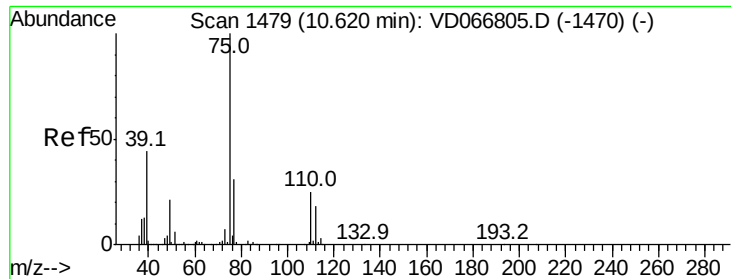
91 167.9 134.6 202.0



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 48.899 ug/l

RT: 10.61 min Scan# 1478

Delta R.T. -0.01 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Instrument :

MSVOA\_D

ClientSampleId :

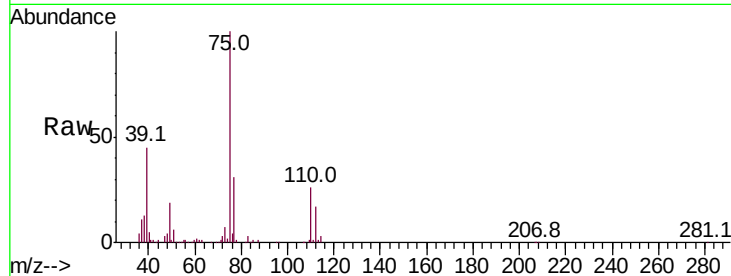
B-2(4-5)MS

Tot Ion: 75 Resp: 220439

Ion Ratio Lower Upper

75 100

77 30.6 24.5 36.7



Abundance Ion 74.90 (74.60 to 75.60): VDC

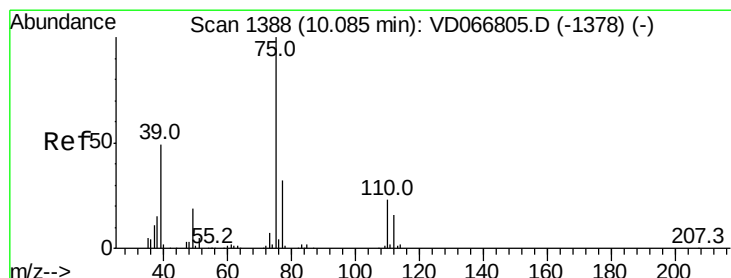
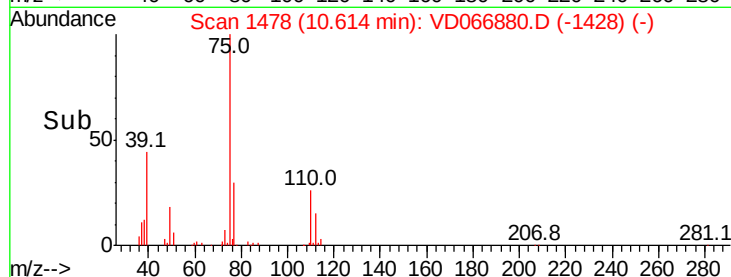
Ion 76.90 (76.60 to 77.60): VDC

10.61

100000

50000

Time--> 10.50 10.60 10.70 10.80



#54

cis-1,3-Dichloropropene

Concen: 50.014 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

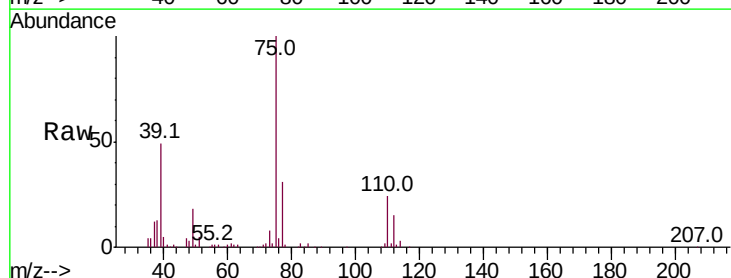
Tgt Ion: 75 Resp: 274924

Ion Ratio Lower Upper

75 100

77 31.4 25.6 38.4

39 48.2 39.2 58.8



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

10.08

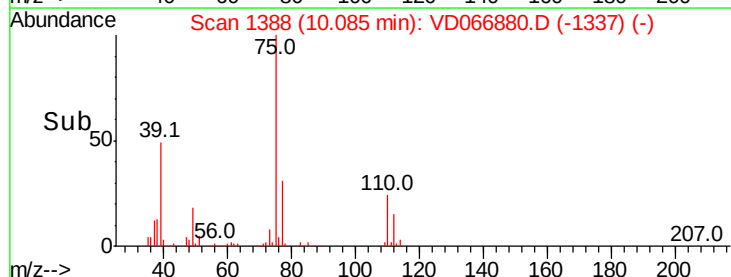
200000

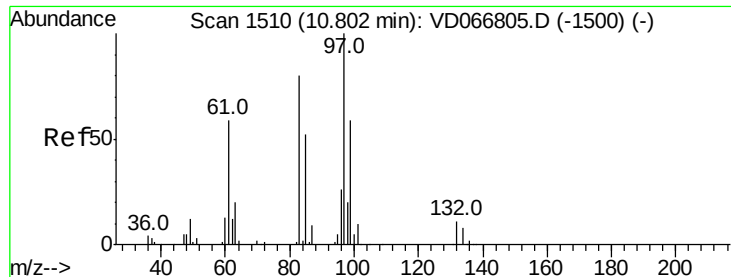
150000

100000

50000

Time--> 10.00 10.10

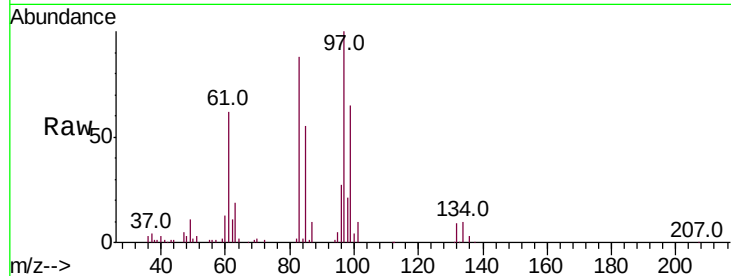




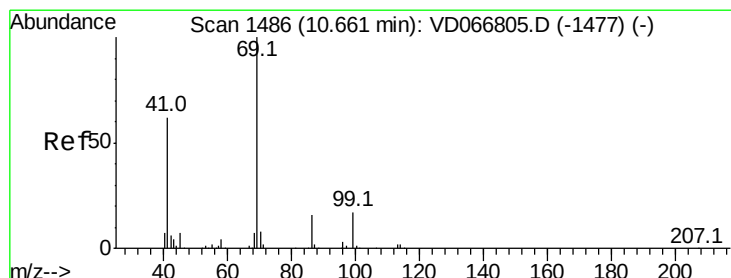
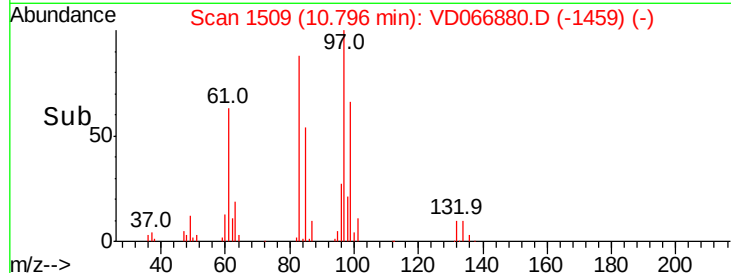
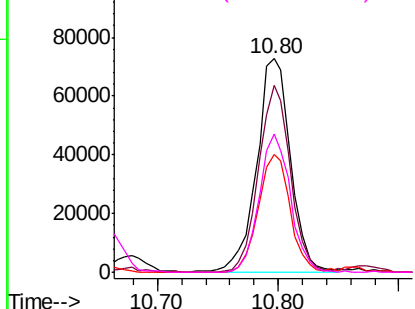
#55  
 1,1,2-Trichloroethane  
 Concen: 52.651 ug/l  
 RT: 10.80 min Scan# 1509  
 Delta R.T. -0.01 min  
 Lab File: VD066880.D  
 Acq: 25 Sep 2020 18:01

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 B-2(4-5)MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 142709 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 87.8  | 64.2  | 96.2   |
| 85       | 55.0  | 41.9  | 62.9   |
| 99       | 64.9  | 47.5  | 71.3   |

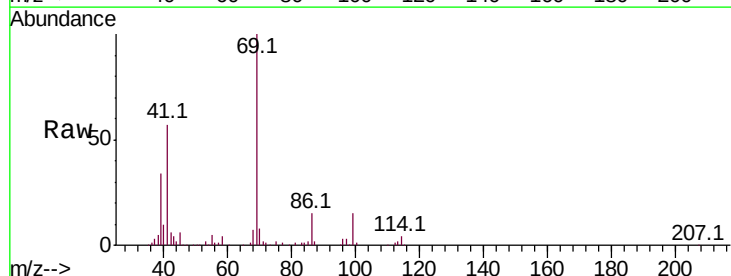


Abundance Ion 96.90 (96.60 to 97.60): VDC  
 Ion 82.90 (82.60 to 83.60): VDC  
 Ion 84.90 (84.60 to 85.60): VDC  
 Ion 98.90 (98.60 to 99.60): VDC

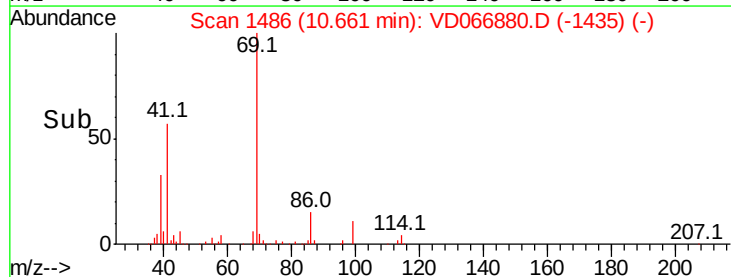
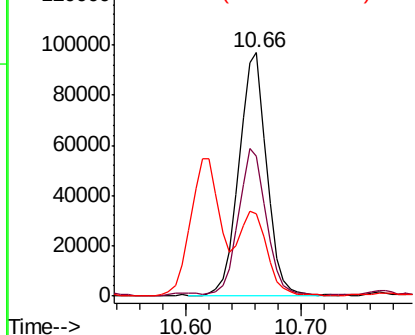


#56  
 Ethyl methacrylate  
 Concen: 55.357 ug/l  
 RT: 10.66 min Scan# 1486  
 Delta R.T. -0.00 min  
 Lab File: VD066880.D  
 Acq: 25 Sep 2020 18:01

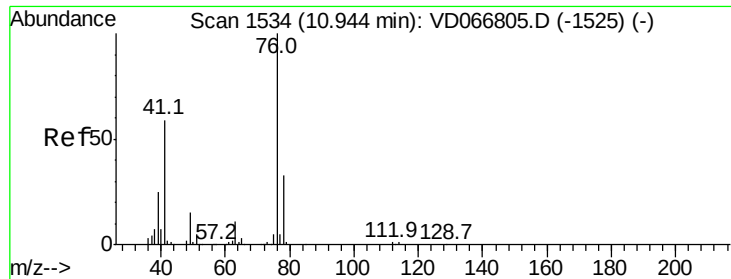
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 160740 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 60.5  | 52.2  | 78.2   |
| 39       | 35.3  | 26.6  | 40.0   |



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: 50.734 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Instrument :

MSVOA\_D

ClientSampleId :

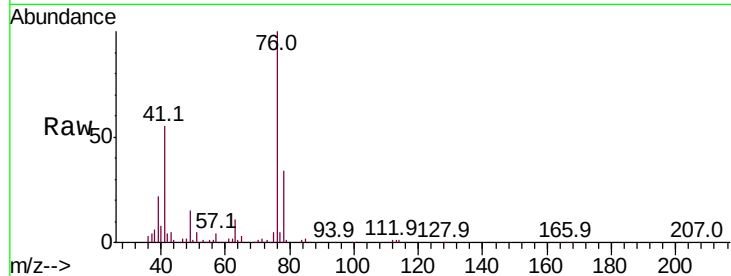
B-2(4-5)MS

Tot Ion: 76 Resp: 227067

Ion Ratio Lower Upper

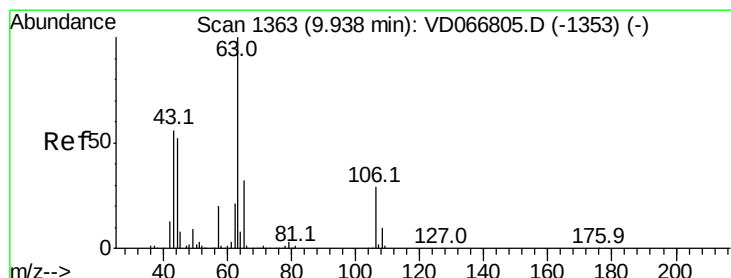
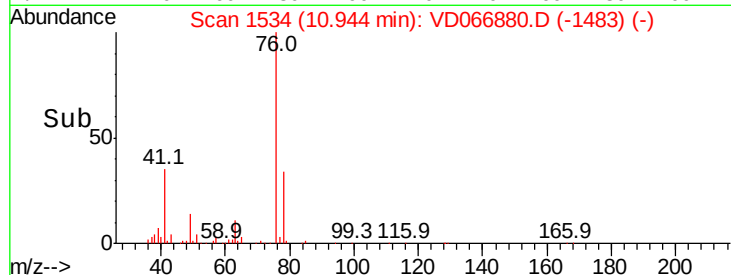
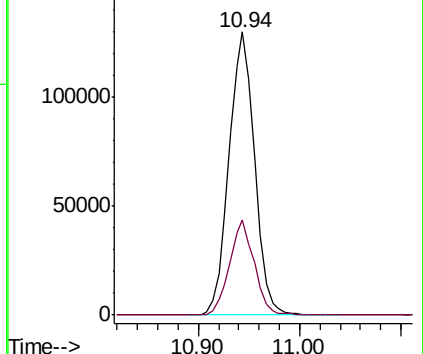
76 100

78 32.5 26.3 39.5



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 246.119 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VD066880.D

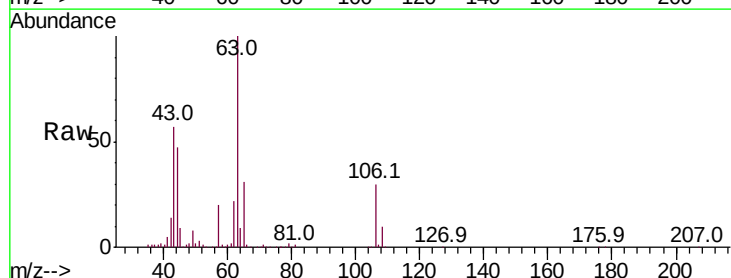
Acq: 25 Sep 2020 18:01

Tgt Ion: 63 Resp: 338384

Ion Ratio Lower Upper

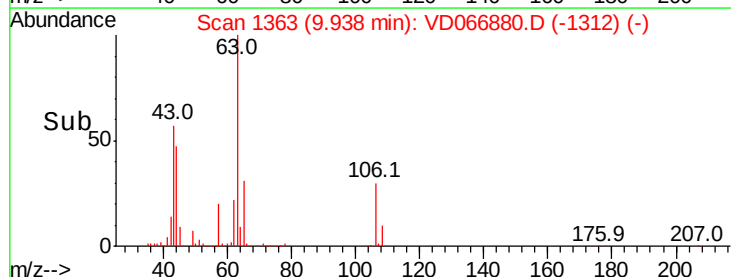
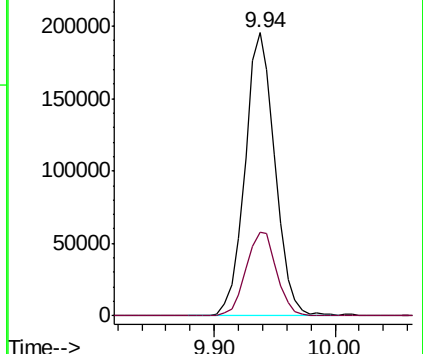
63 100

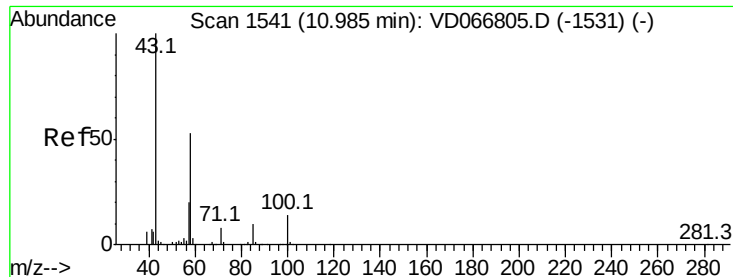
106 30.2 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

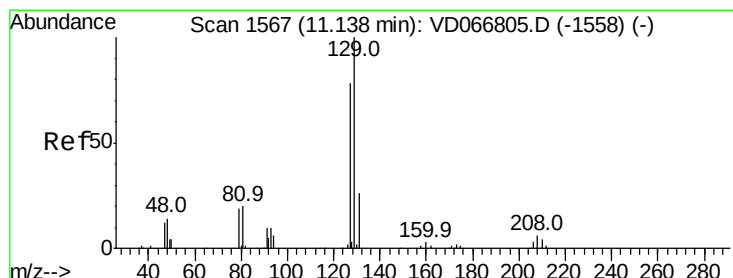
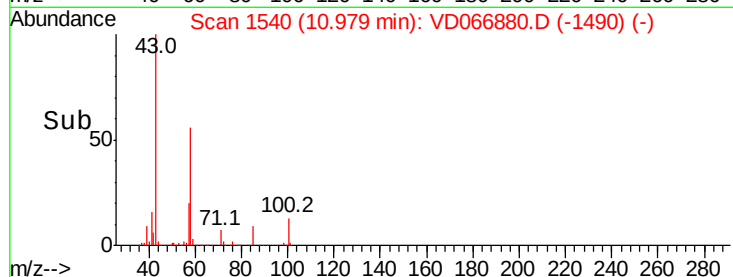
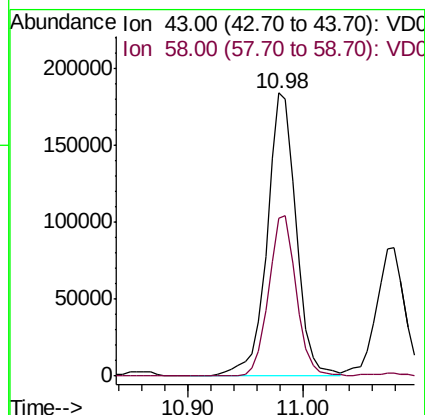
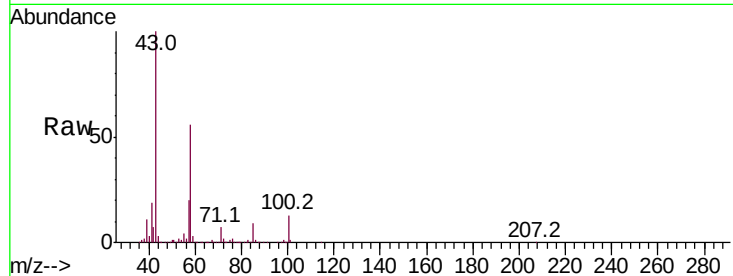




#59  
2-Hexanone  
Concen: 262.494 ug/l  
RT: 10.98 min Scan# 1540  
Delta R.T. -0.01 min  
Lab File: VD066880.D  
Acq: 25 Sep 2020 18:01

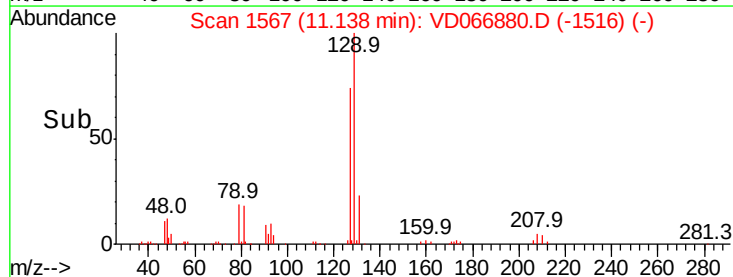
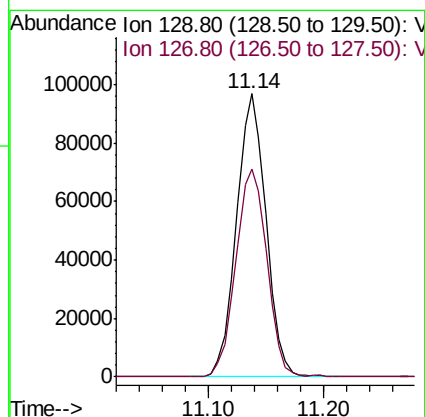
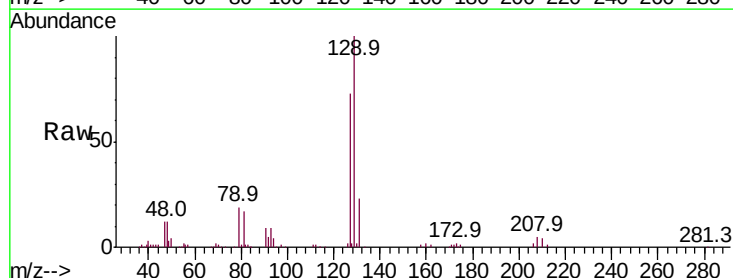
Instrument :  
MSVOA\_D  
ClientSampleId :  
B-2(4-5)MS

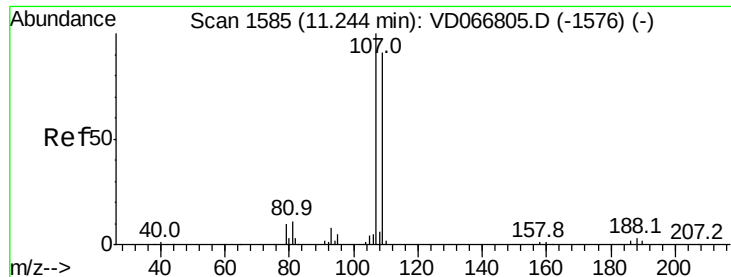
Tot Ion: 43 Resp: 323534  
Ion Ratio Lower Upper  
43 100  
58 53.8 27.0 80.8



#60  
Dibromochloromethane  
Concen: 48.585 ug/l  
RT: 11.14 min Scan# 1567  
Delta R.T. -0.00 min  
Lab File: VD066880.D  
Acq: 25 Sep 2020 18:01

Tgt Ion:129 Resp: 171873  
Ion Ratio Lower Upper  
129 100  
127 77.2 38.6 116.0

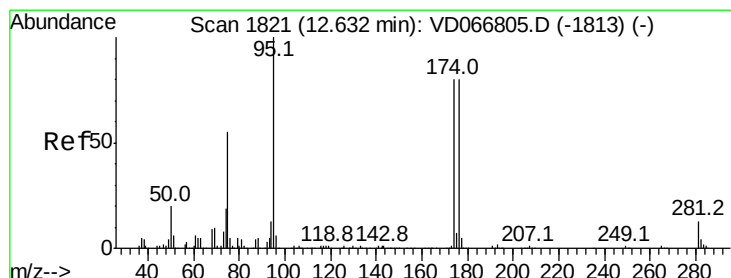
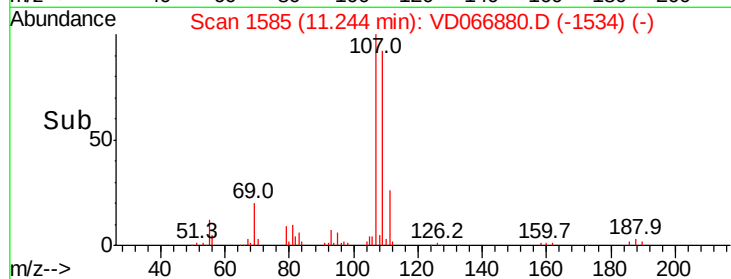
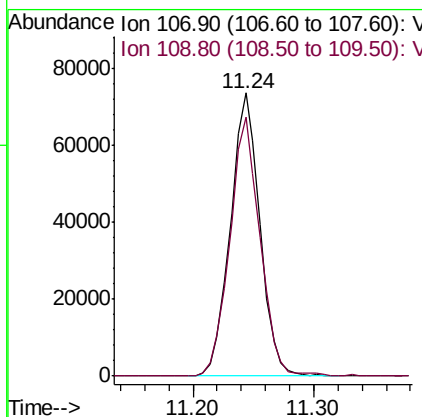
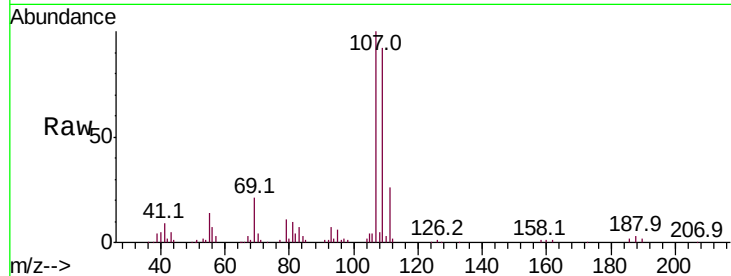




#61  
 1,2-Dibromoethane  
 Concen: 49.530 ug/l  
 RT: 11.24 min Scan# 1585  
 Delta R.T. -0.00 min  
 Lab File: VD066880.D  
 Acq: 25 Sep 2020 18:01

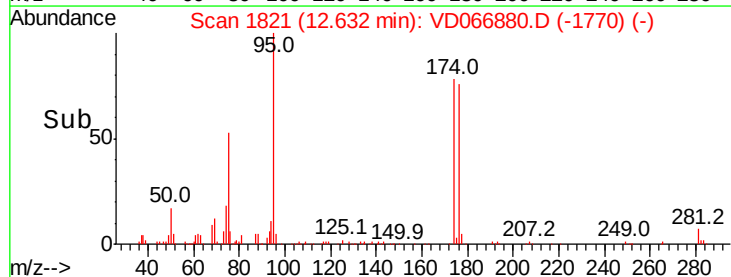
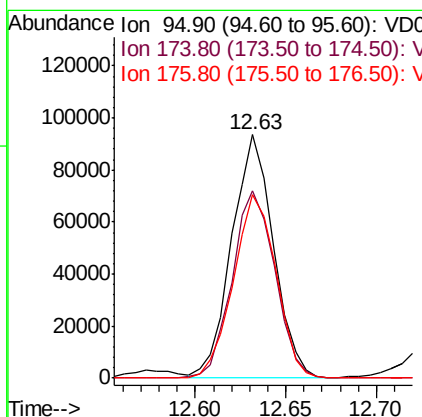
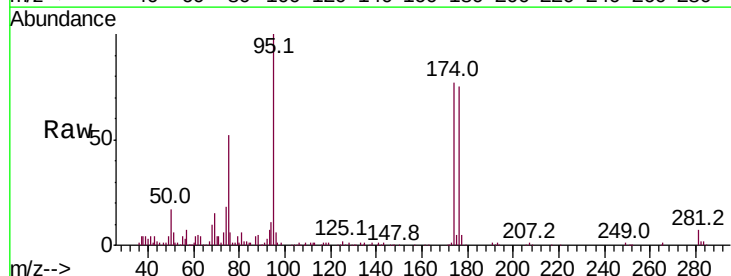
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 B-2(4-5)MS

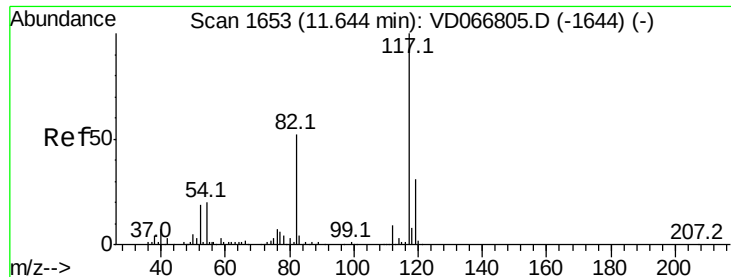
Tot Ion:107 Resp: 124870  
 Ion Ratio Lower Upper  
 107 100  
 109 93.9 75.0 112.4



#62  
 4-Bromofluorobenzene  
 Concen: 38.219 ug/l  
 RT: 12.63 min Scan# 1821  
 Delta R.T. -0.00 min  
 Lab File: VD066880.D  
 Acq: 25 Sep 2020 18:01

Tgt Ion: 95 Resp: 147945  
 Ion Ratio Lower Upper  
 95 100  
 174 79.9 0.0 159.8  
 176 77.9 0.0 154.4

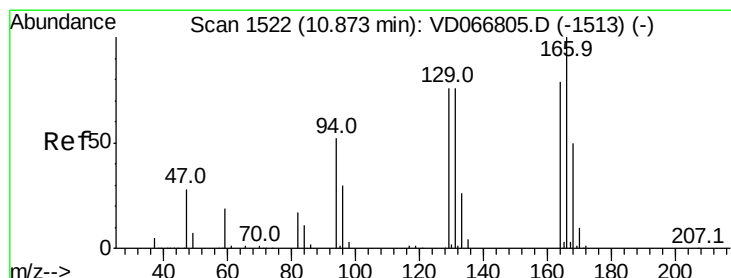
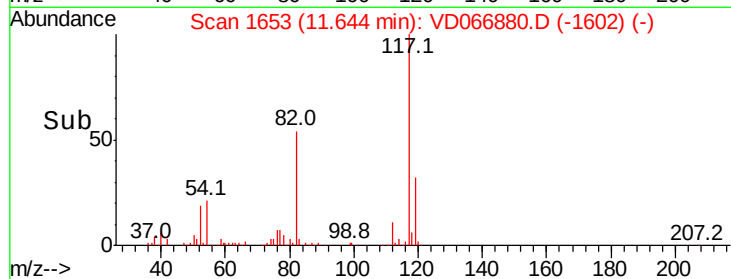
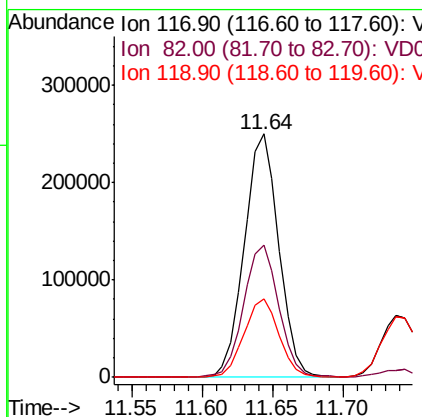
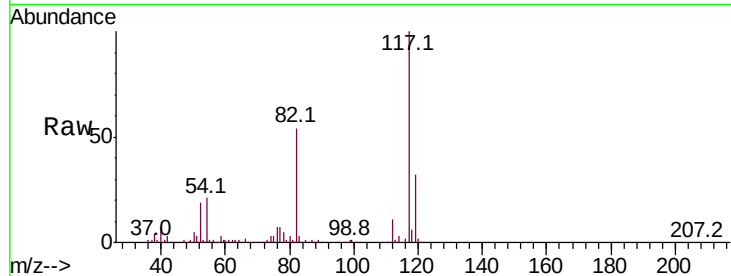




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.64 min Scan# 1653  
Delta R.T. -0.00 min  
Lab File: VD066880.D  
Acq: 25 Sep 2020 18:01

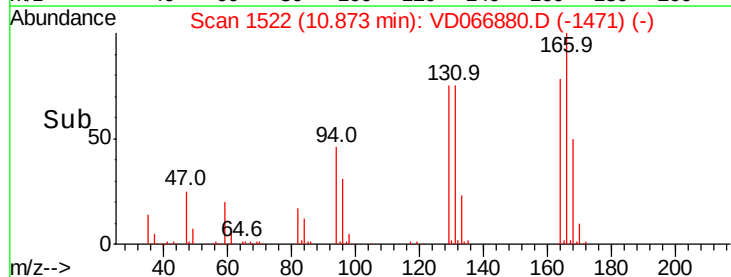
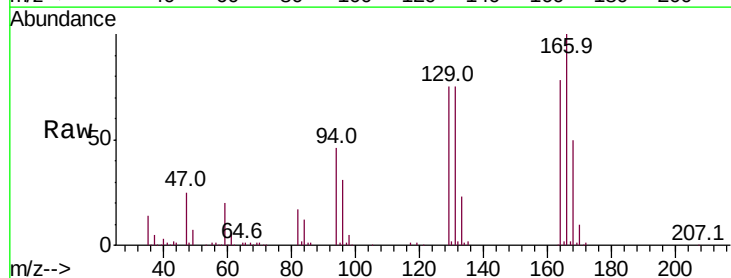
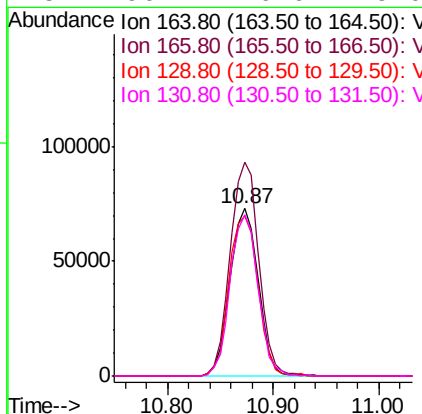
Instrument :  
MSVOA\_D  
ClientSampleId :  
B-2(4-5)MS

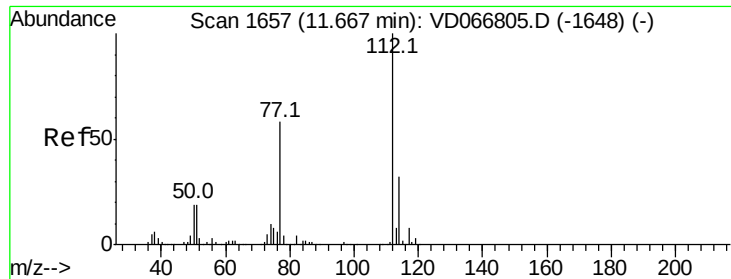
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 54.1  | 41.8  | 62.6  |
| 119     | 32.0  | 24.6  | 37.0  |



#64  
Tetrachloroethene  
Concen: 44.011 ug/l  
RT: 10.87 min Scan# 1522  
Delta R.T. -0.00 min  
Lab File: VD066880.D  
Acq: 25 Sep 2020 18:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 127.4 | 101.1 | 151.7 |
| 129     | 95.8  | 77.0  | 115.4 |
| 131     | 96.1  | 76.6  | 115.0 |

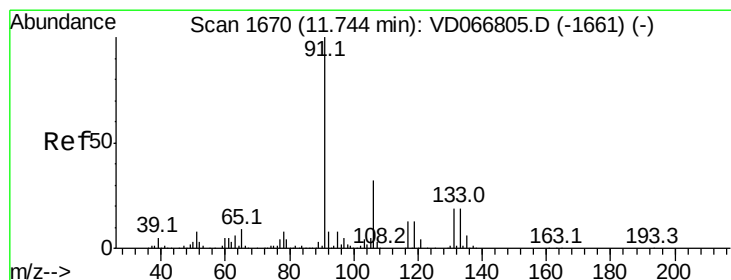
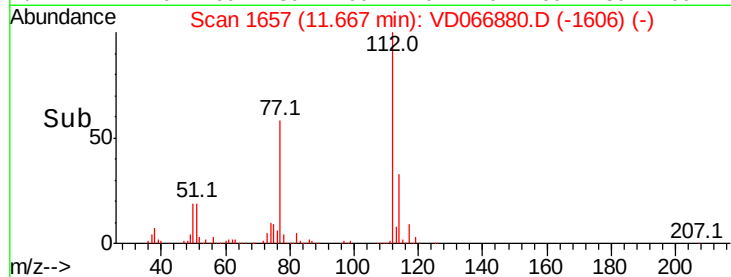
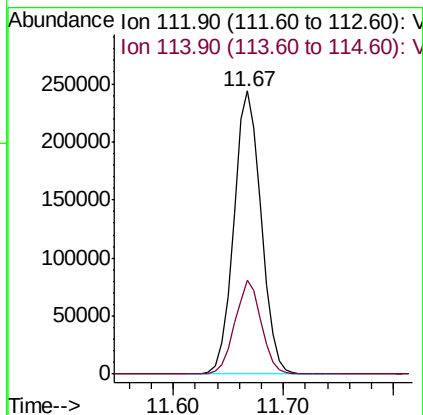
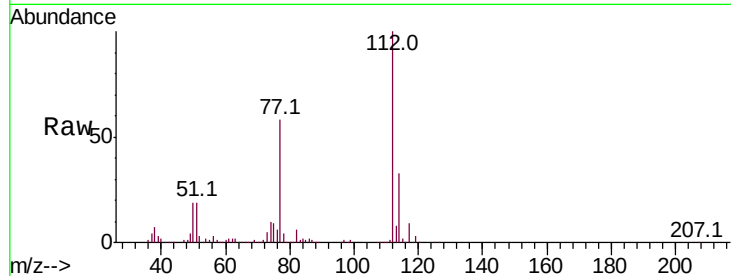




#65  
Chlorobenzene  
Concen: 47.491 ug/l  
RT: 11.67 min Scan# 1657  
Delta R.T. -0.00 min  
Lab File: VD066880.D  
Acq: 25 Sep 2020 18:01

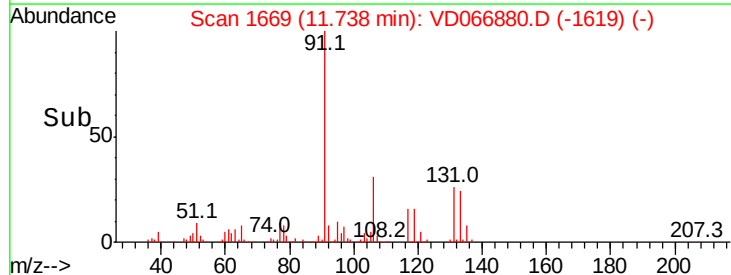
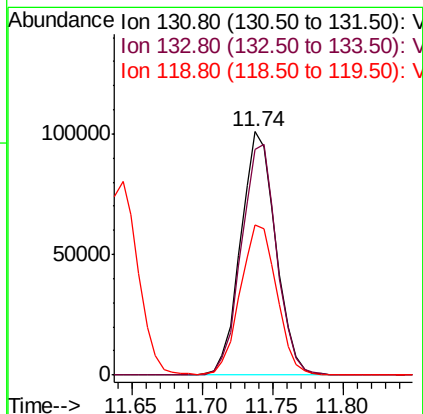
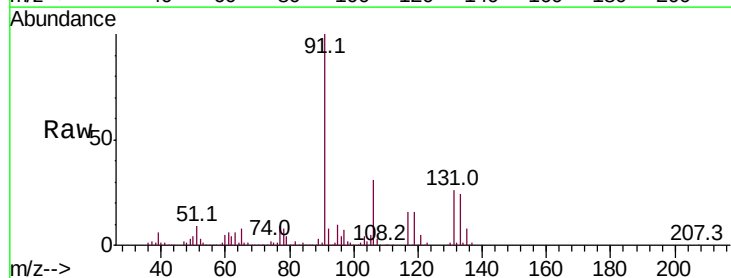
Instrument :  
MSVOA\_D  
ClientSampleId :  
B-2(4-5)MS

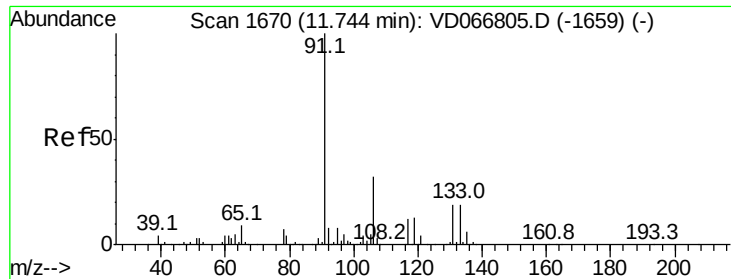
Tot Ion:112 Resp: 422408  
Ion Ratio Lower Upper  
112 100  
114 33.2 25.4 38.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.245 ug/l  
RT: 11.74 min Scan# 1669  
Delta R.T. -0.01 min  
Lab File: VD066880.D  
Acq: 25 Sep 2020 18:01

Tgt Ion:131 Resp: 175874  
Ion Ratio Lower Upper  
131 100  
133 95.3 46.7 140.1  
119 64.2 32.3 96.9





#67

Ethyl Benzene

Concen: 44.532 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Instrument :

MSVOA\_D

ClientSampleId :

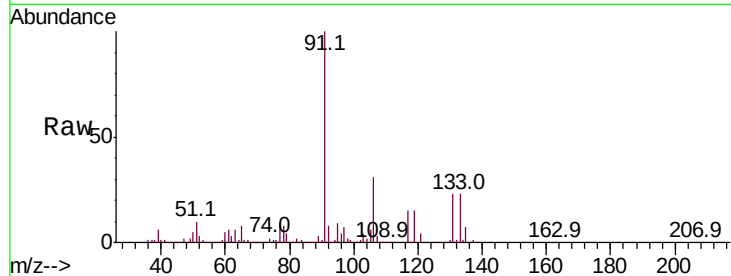
B-2(4-5)MS

Tot Ion: 91 Resp: 695654

Ion Ratio Lower Upper

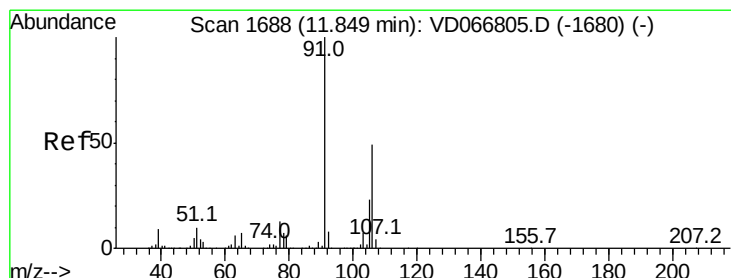
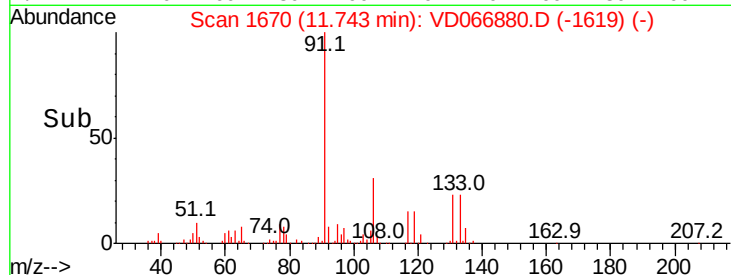
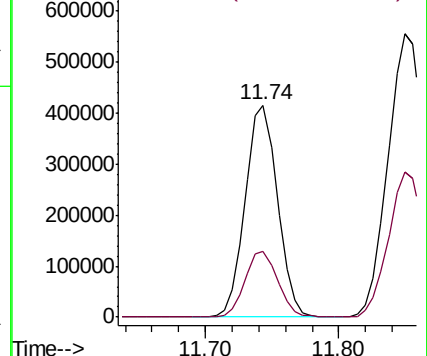
91 100

106 30.8 25.6 38.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): VDC



#68

m/p-Xylenes

Concen: 91.690 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VD066880.D

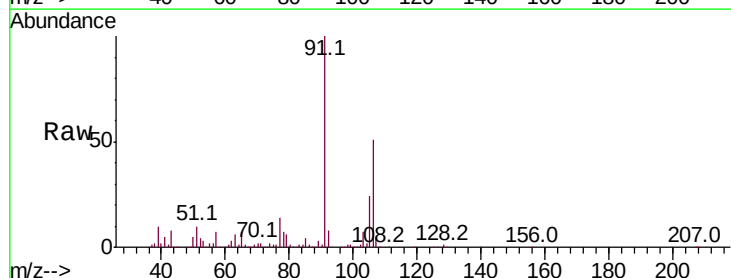
Acq: 25 Sep 2020 18:01

Tgt Ion:106 Resp: 542300

Ion Ratio Lower Upper

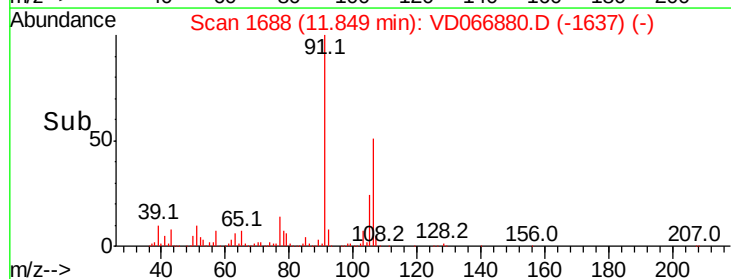
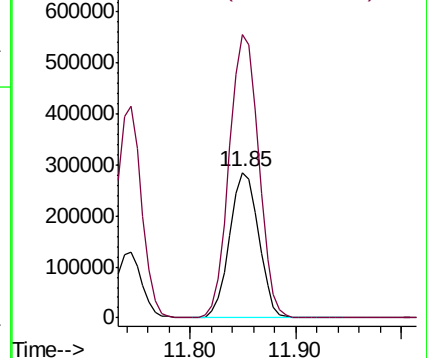
106 100

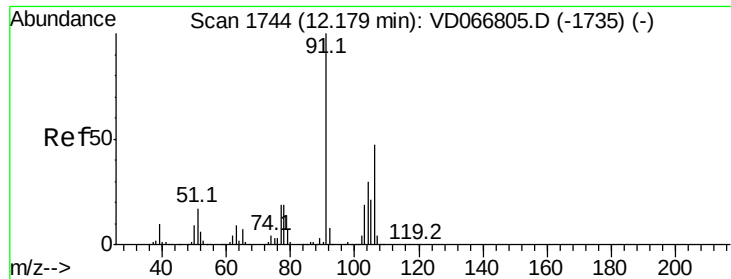
91 197.3 160.7 241.1



Abundance Ion 106.00 (105.70 to 106.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

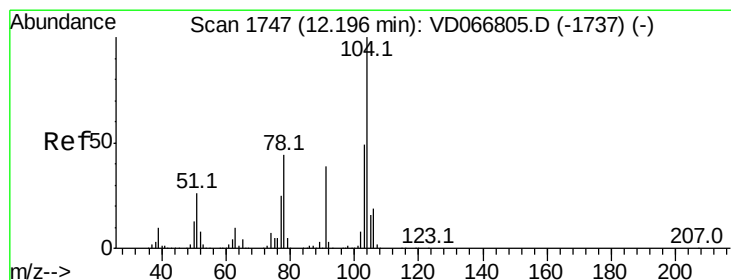
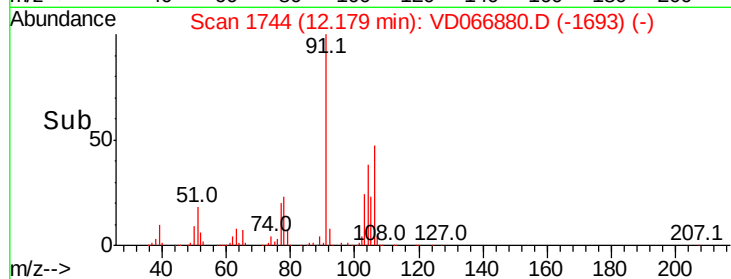
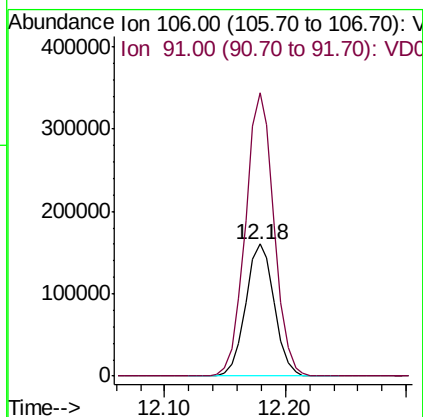
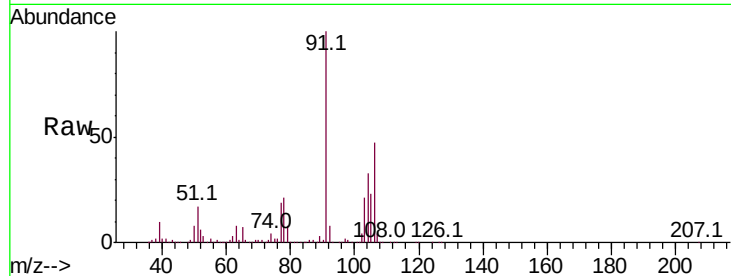




#69  
o-Xylene  
Concen: 49.547 ug/l  
RT: 12.18 min Scan# 1744  
Delta R.T. -0.00 min  
Lab File: VD066880.D  
Acq: 25 Sep 2020 18:01

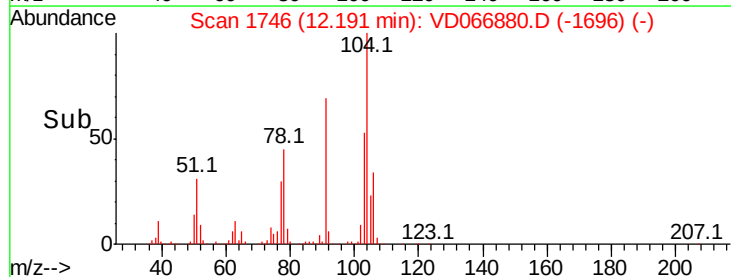
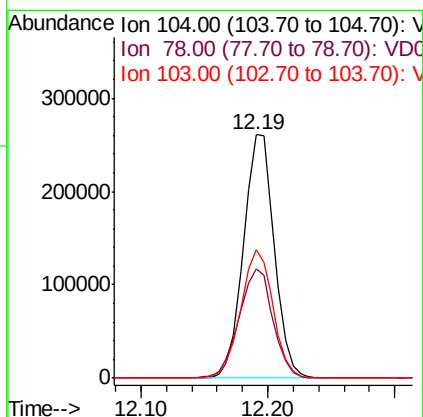
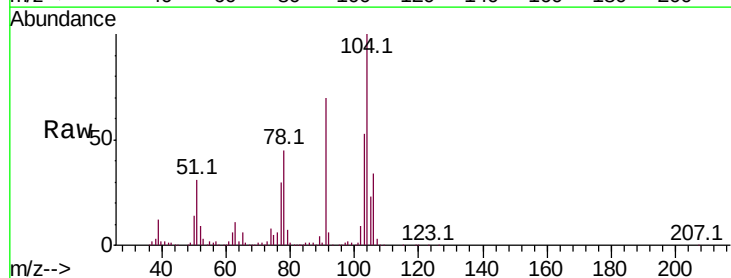
Instrument :  
MSVOA\_D  
ClientSampleId :  
B-2(4-5)MS

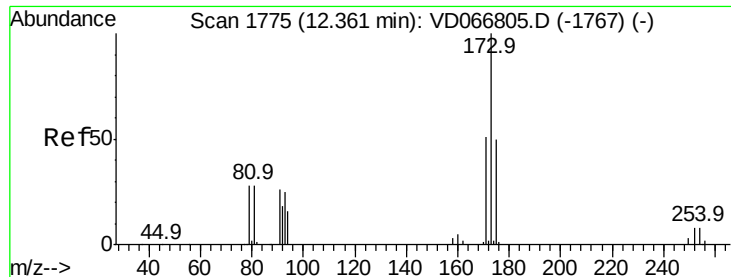
Tot Ion:106 Resp: 264980  
Ion Ratio Lower Upper  
106 100  
91 213.5 106.3 318.8



#70  
Styrene  
Concen: 47.506 ug/l  
RT: 12.19 min Scan# 1746  
Delta R.T. -0.01 min  
Lab File: VD066880.D  
Acq: 25 Sep 2020 18:01

Tgt Ion:104 Resp: 441218  
Ion Ratio Lower Upper  
104 100  
78 49.1 38.9 58.3  
103 55.0 43.2 64.8





#71

Bromoform

Concen: 51.305 ug/l

RT: 12.36 min Scan# 1774

Delta R.T. -0.01 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Instrument :

MSVOA\_D

ClientSampleId :

B-2(4-5)MS

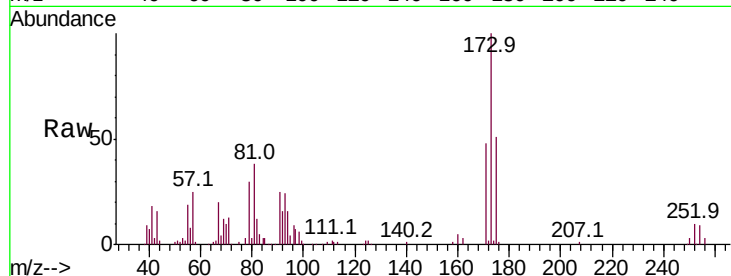
Tot Ion:173 Resp: 87445

Ion Ratio Lower Upper

173 100

175 48.3 24.9 74.6

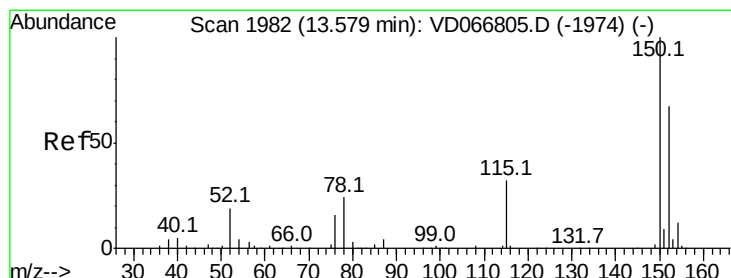
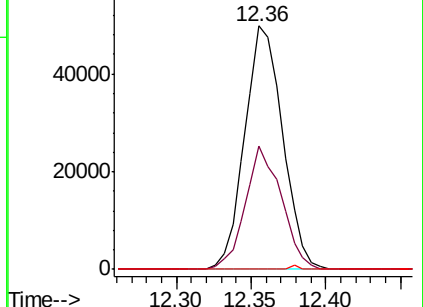
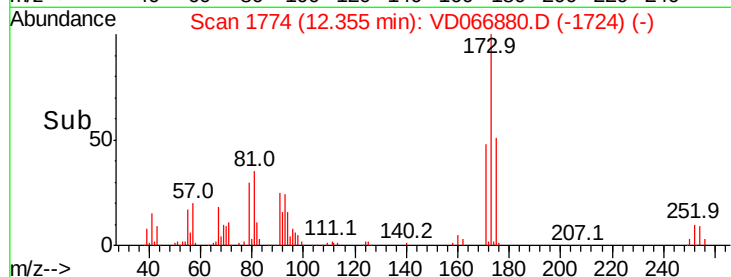
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

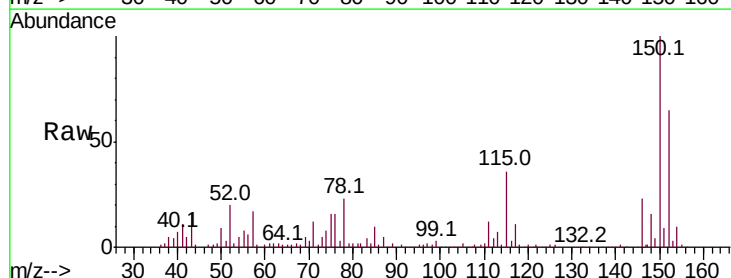
Tgt Ion:152 Resp: 138827

Ion Ratio Lower Upper

152 100

115 62.5 30.3 91.0

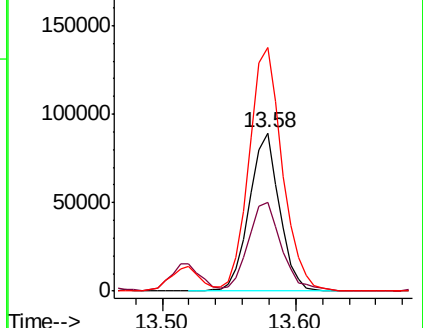
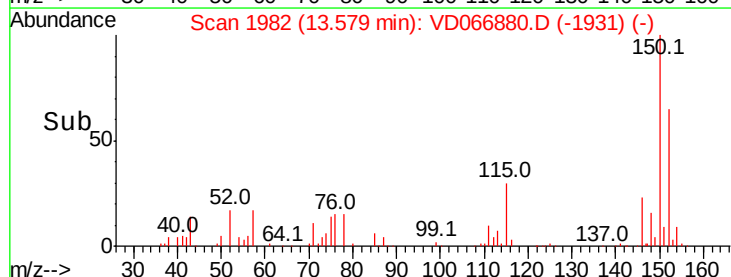
150 169.5 0.0 346.2



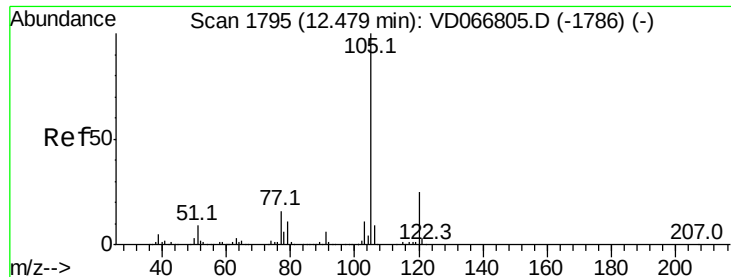
Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V







#73

Isopropylbenzene

Concen: 52.549 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Instrument :

MSVOA\_D

ClientSampleId :

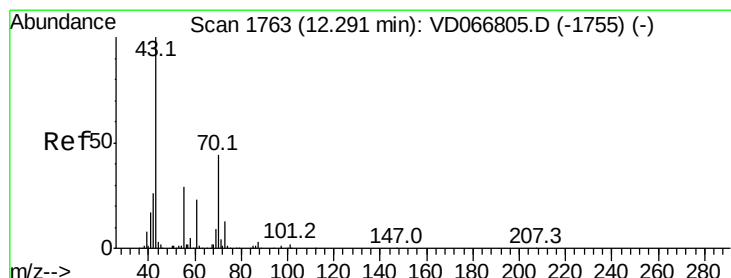
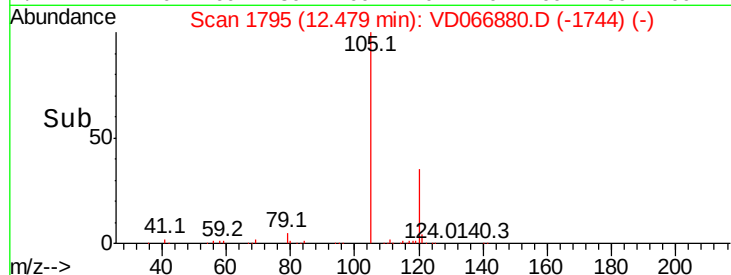
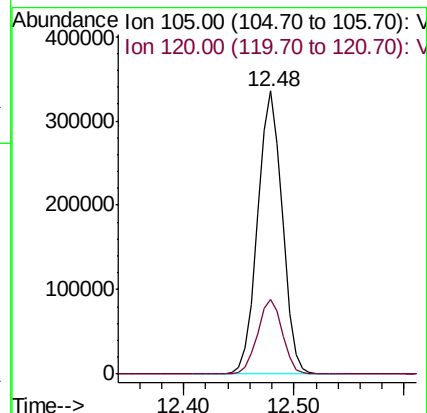
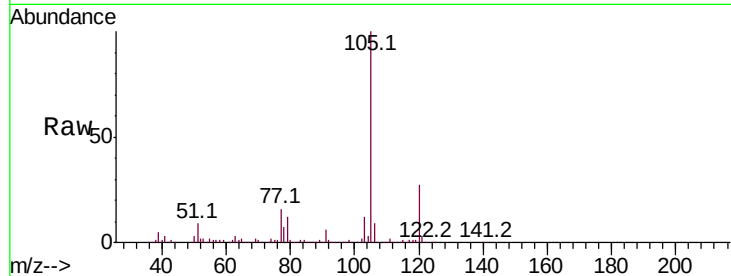
B-2(4-5)MS

Tot Ion:105 Resp: 527007

Ion Ratio Lower Upper

105 100

120 26.7 12.9 38.6



#74

N-ethyl acetate

Concen: 88.073 ug/l

RT: 12.28 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Tgt Ion: 43 Resp: 172489

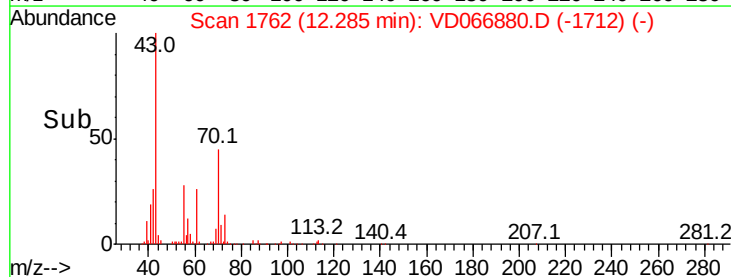
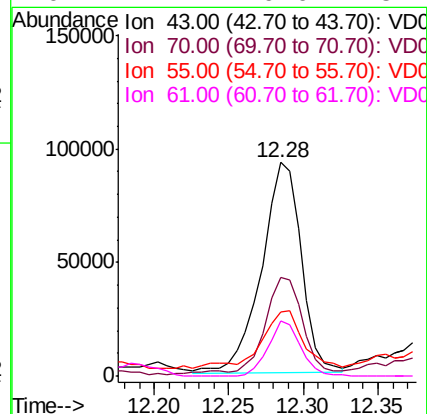
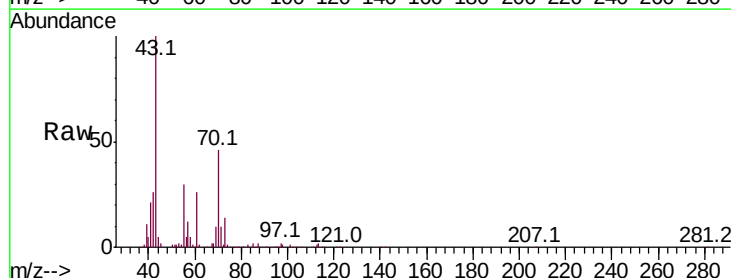
Ion Ratio Lower Upper

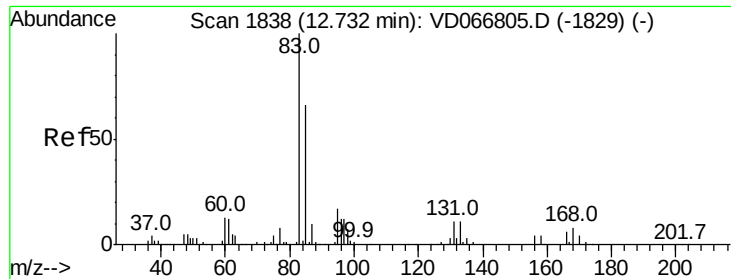
43 100

70 44.9 36.1 54.1

55 30.4 21.8 32.8

61 21.1 19.0 28.4

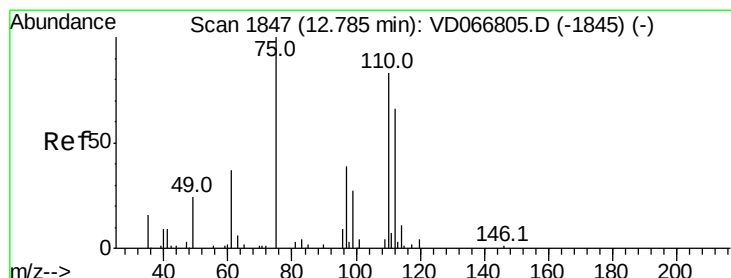
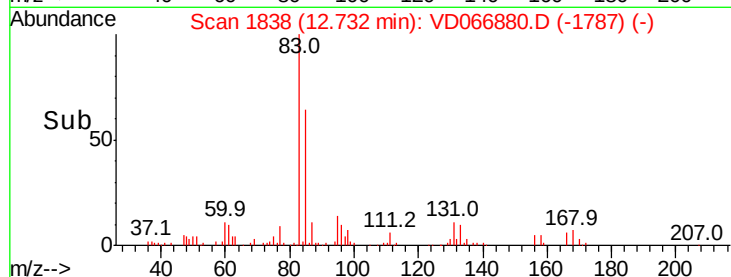
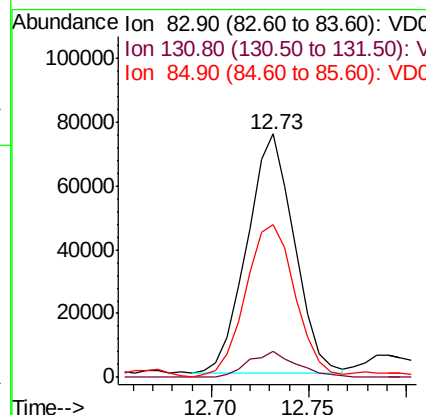
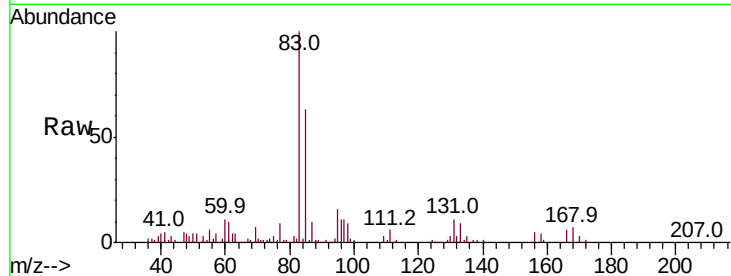




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 72.342 ug/l  
 RT: 12.73 min Scan# 1838  
 Delta R.T. -0.00 min  
 Lab File: VD066880.D  
 Acq: 25 Sep 2020 18:01

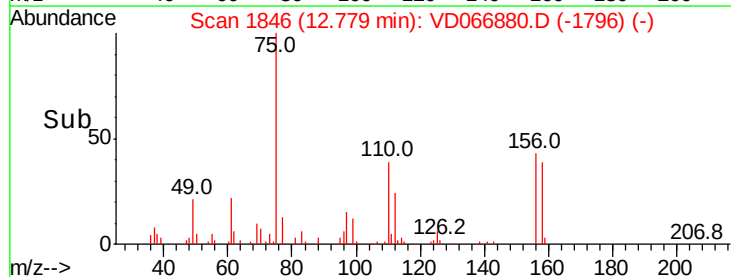
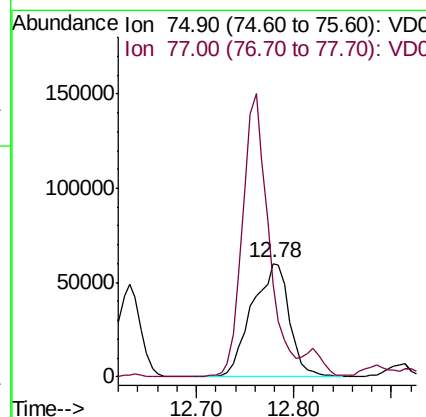
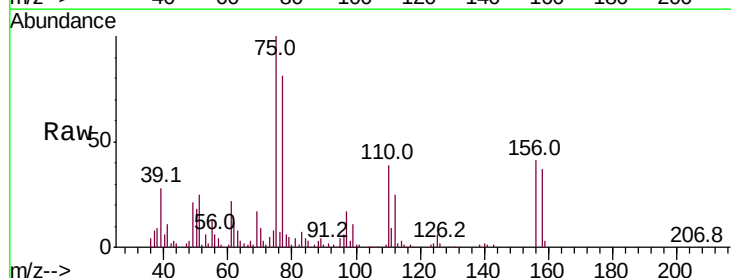
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 B-2(4-5)MS

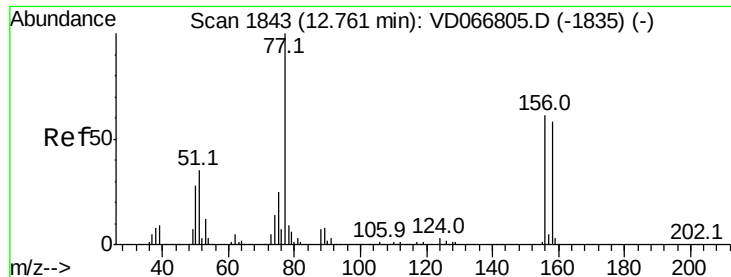
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 125190 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 131      | 11.1  | 5.5   | 16.7   |
| 85       | 66.3  | 32.1  | 96.5   |



#76  
 1,2,3-Trichloropropane  
 Concen: 140.053 ug/l  
 RT: 12.78 min Scan# 1846  
 Delta R.T. -0.01 min  
 Lab File: VD066880.D  
 Acq: 25 Sep 2020 18:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 161129 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 77       | 173.9 | 0.0   | 0.0#   |





#77

Bromobenzene

Concen: 64.146 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Instrument :

MSVOA\_D

ClientSampleId :

B-2(4-5)MS

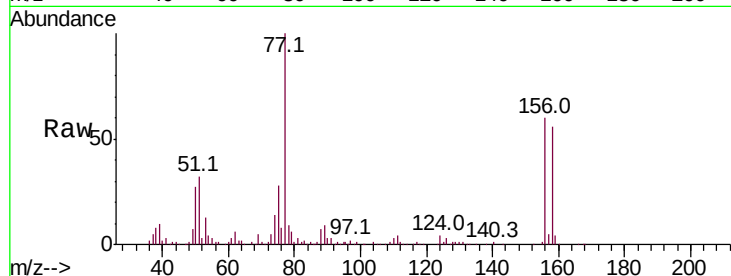
Tot Ion:156 Resp: 150456

Ion Ratio Lower Upper

156 100

77 186.3 92.3 276.9

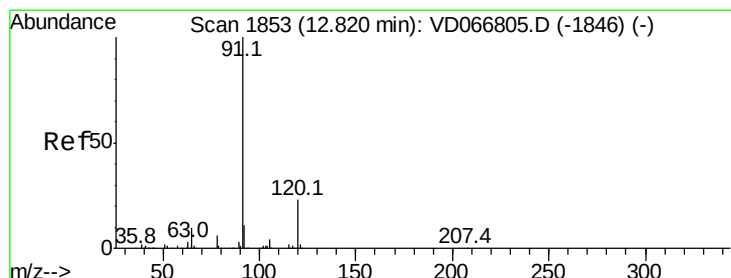
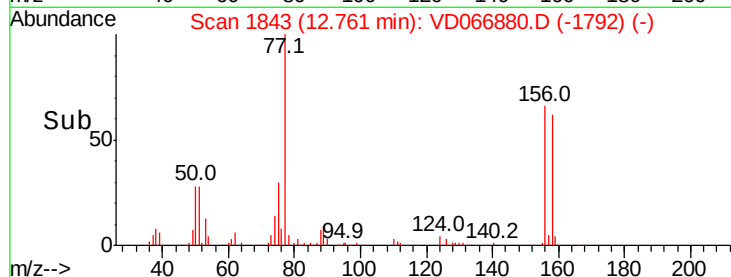
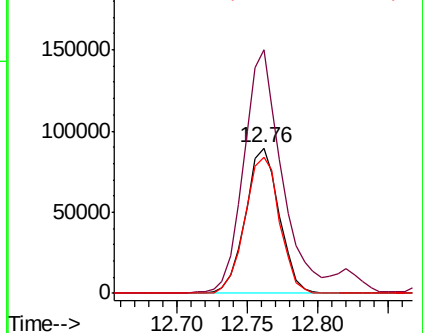
158 96.1 47.6 142.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 44.316 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066880.D

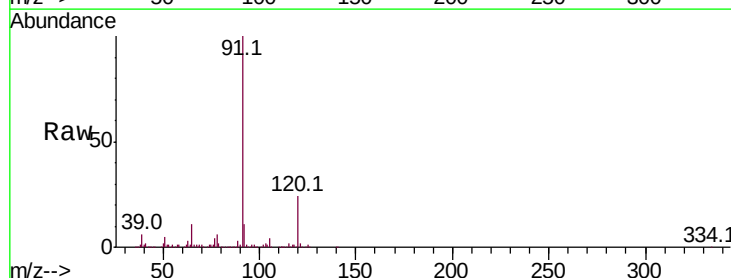
Acq: 25 Sep 2020 18:01

Tgt Ion: 91 Resp: 534685

Ion Ratio Lower Upper

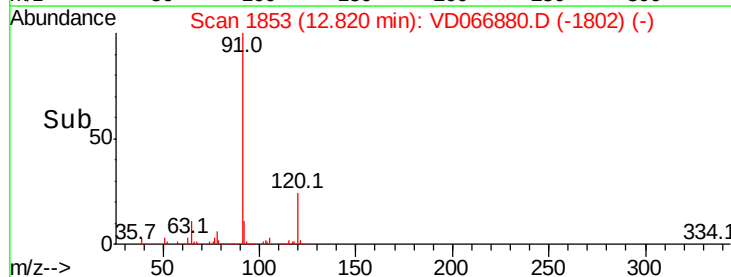
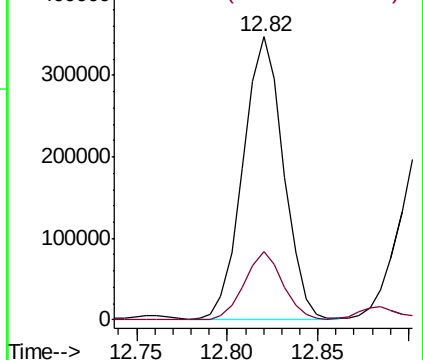
91 100

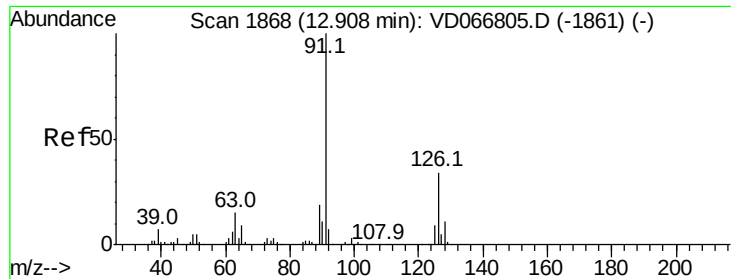
120 23.2 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

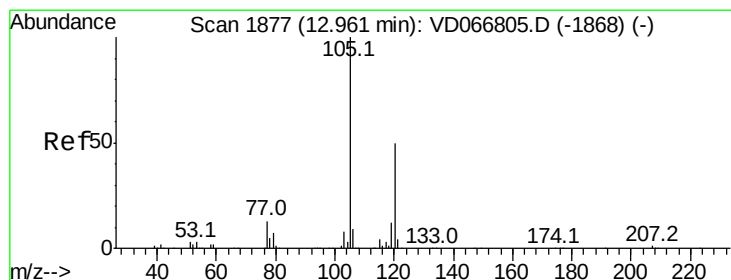
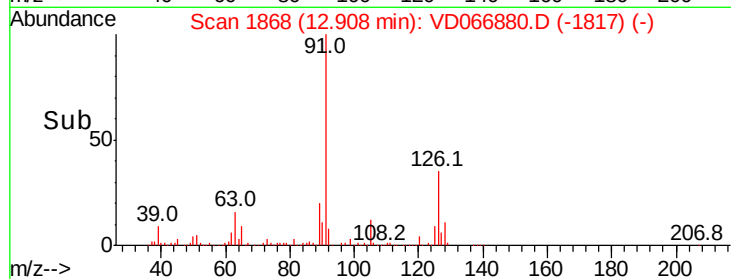
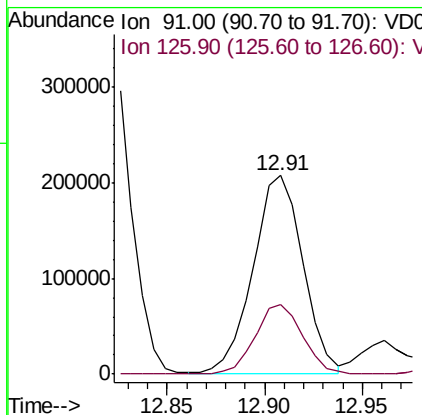
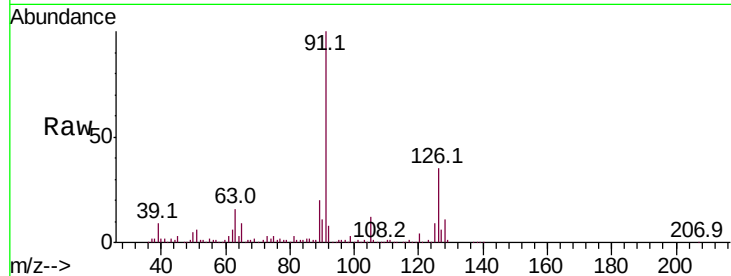




#79  
 2-Chlorotoluene  
 Concen: 53.074 ug/l  
 RT: 12.91 min Scan# 1868  
 Delta R.T. -0.00 min  
 Lab File: VD066880.D  
 Acq: 25 Sep 2020 18:01

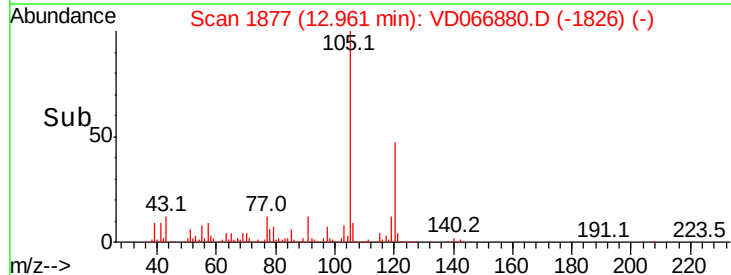
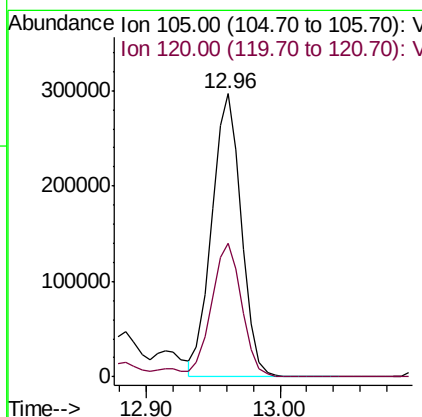
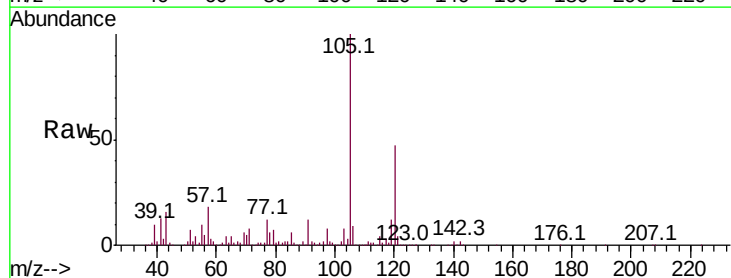
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 B-2(4-5)MS

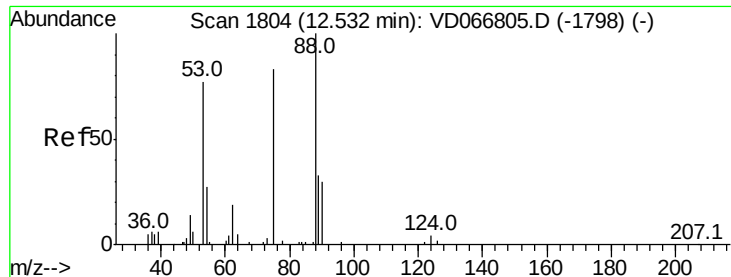
Tot Ion: 91 Resp: 364906  
 Ion Ratio Lower Upper  
 91 100  
 126 33.6 17.0 51.0



#80  
 1,3,5-Trimethylbenzene  
 Concen: 54.123 ug/l  
 RT: 12.96 min Scan# 1877  
 Delta R.T. -0.00 min  
 Lab File: VD066880.D  
 Acq: 25 Sep 2020 18:01

Tgt Ion: 105 Resp: 460566  
 Ion Ratio Lower Upper  
 105 100  
 120 48.2 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 85.420 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Instrument :

MSVOA\_D

ClientSampleId :

B-2(4-5)MS

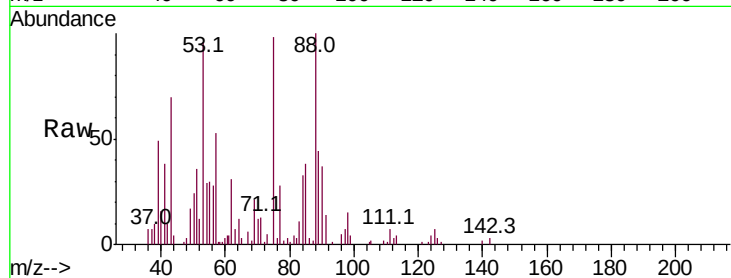
Tot Ion: 75 Resp: 39280

Ion Ratio Lower Upper

75 100

53 92.8 78.5 117.7

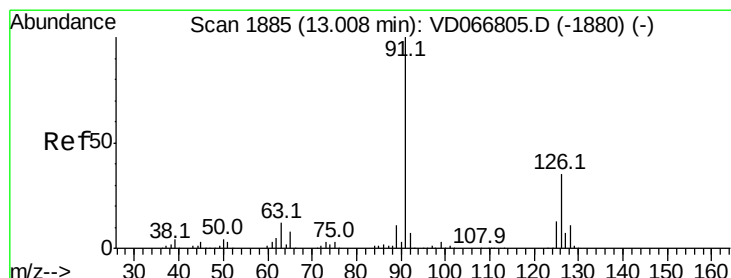
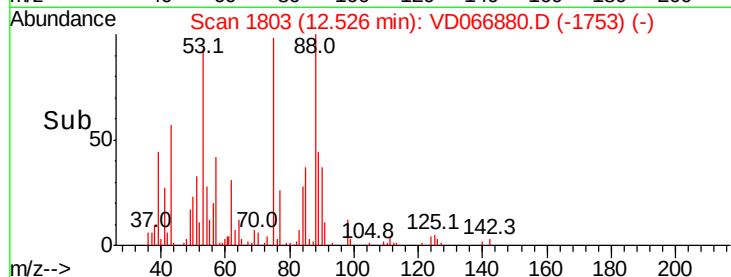
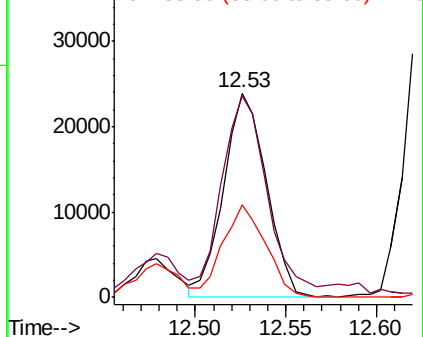
89 45.9 38.1 57.1



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 49.884 ug/l

RT: 13.00 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VD066880.D

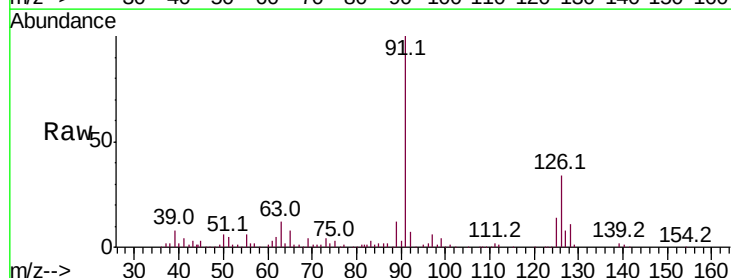
Acq: 25 Sep 2020 18:01

Tgt Ion: 91 Resp: 361539

Ion Ratio Lower Upper

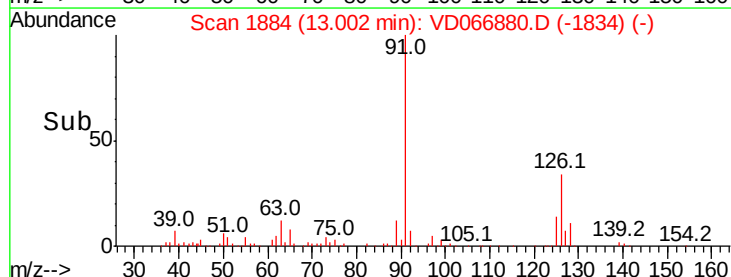
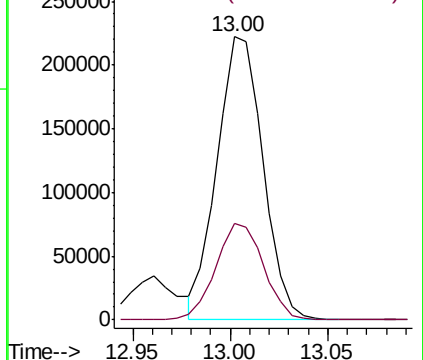
91 100

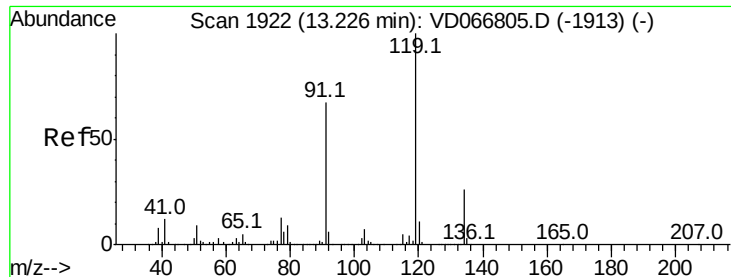
126 35.6 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 41.103 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Instrument :

MSVOA\_D

ClientSampleId :

B-2(4-5)MS

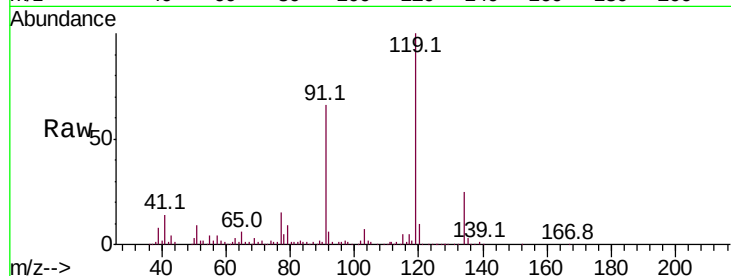
Tot Ion:119 Resp: 287417

Ion Ratio Lower Upper

119 100

91 63.5 33.6 100.8

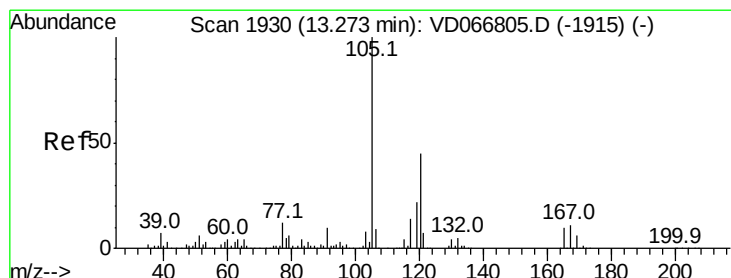
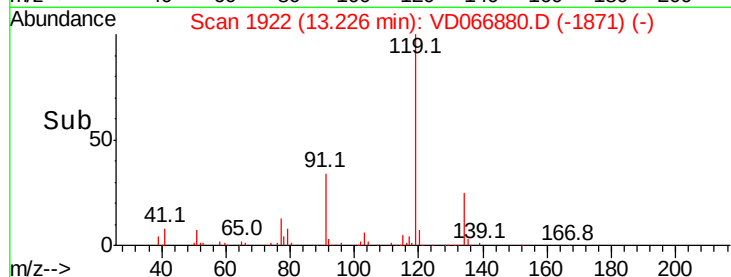
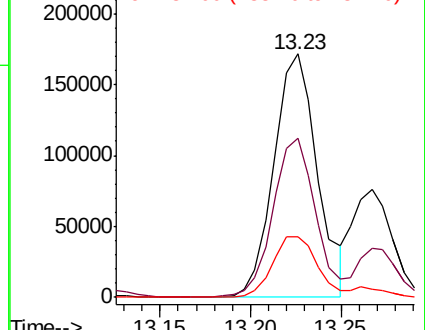
134 26.2 13.5 40.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 62.225 ug/l

RT: 13.27 min Scan# 1929

Delta R.T. -0.01 min

Lab File: VD066880.D

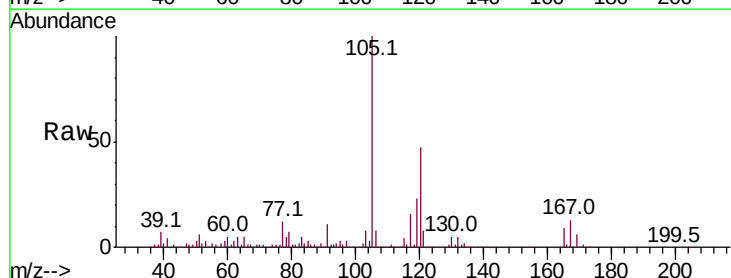
Acq: 25 Sep 2020 18:01

Tgt Ion:105 Resp: 525069

Ion Ratio Lower Upper

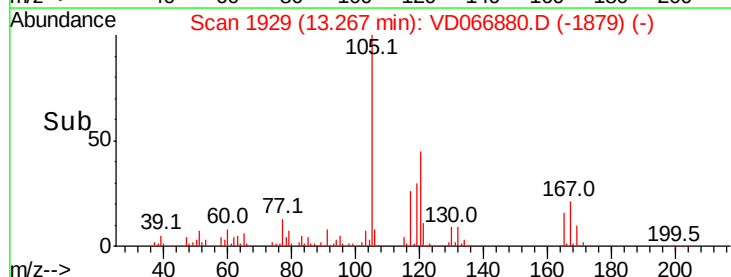
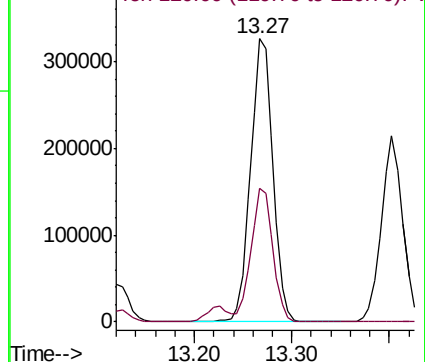
105 100

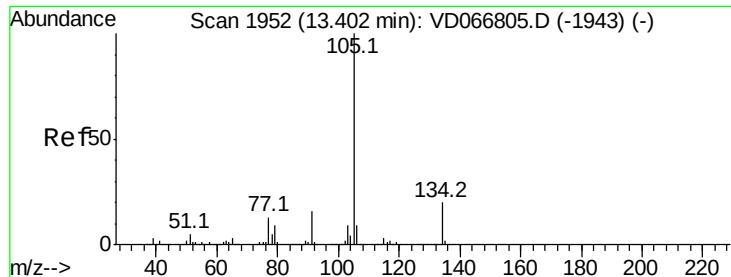
120 46.2 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 32.106 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Instrument :

MSVOA\_D

ClientSampleId :

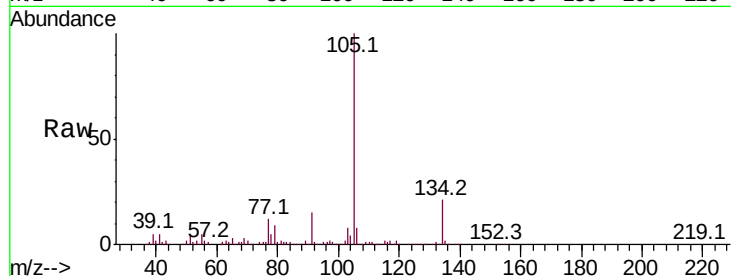
B-2(4-5)MS

Tot Ion:105 Resp: 322838

Ion Ratio Lower Upper

105 100

134 20.8 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

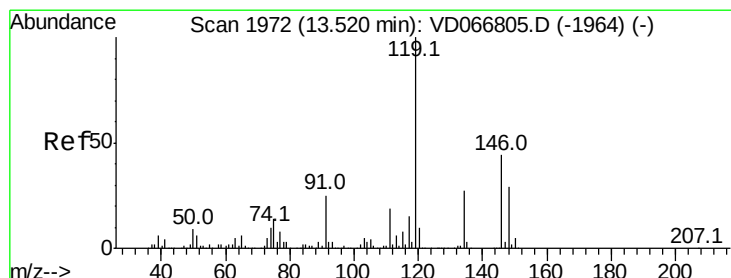
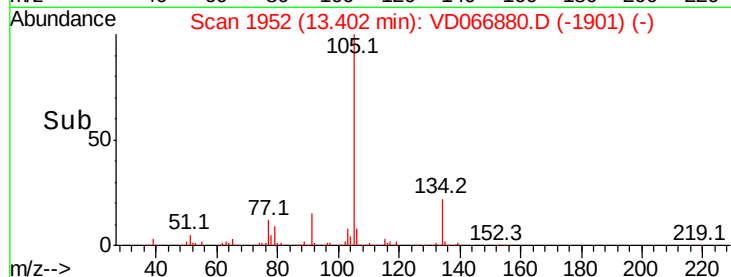
100000

50000

0

13.35 13.40 13.45

Time-->



#86

p-Isopropyltoluene

Concen: 34.753 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

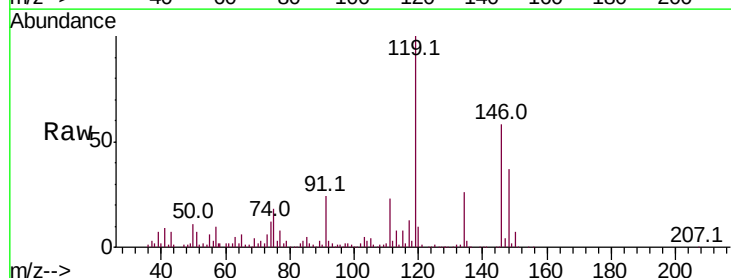
Tgt Ion:119 Resp: 314992

Ion Ratio Lower Upper

119 100

134 25.8 13.0 38.9

91 23.5 12.0 36.1



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

250000

200000

150000

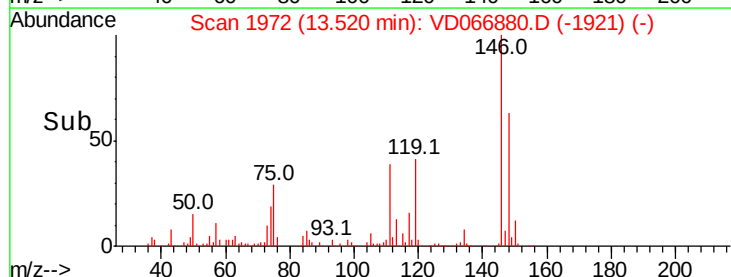
100000

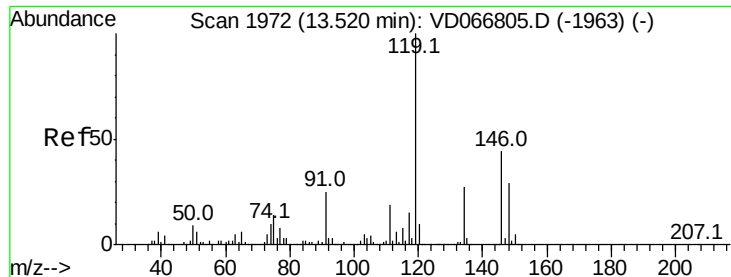
50000

0

13.45 13.50 13.55 13.60

Time-->





#87

1,3-Dichlorobenzene

Concen: 44.225 ug/l

RT: 13.52 min Scan# 1972

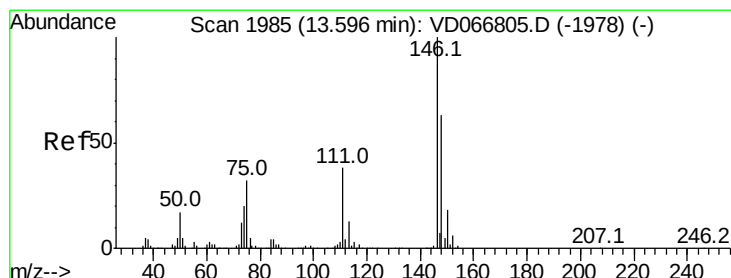
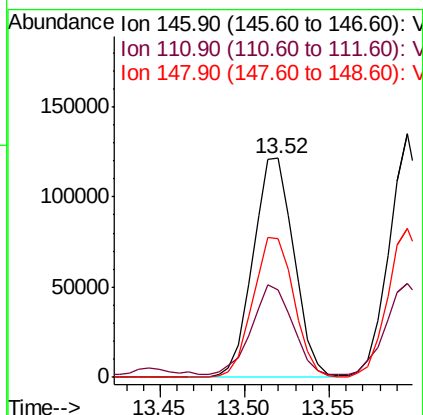
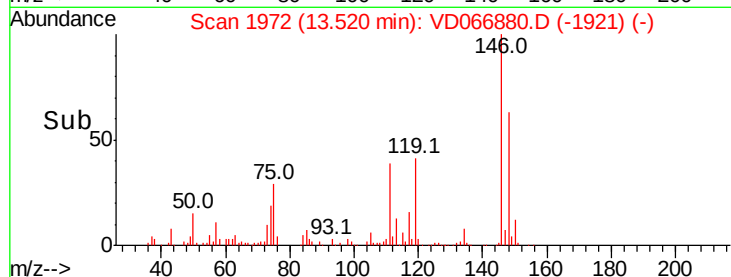
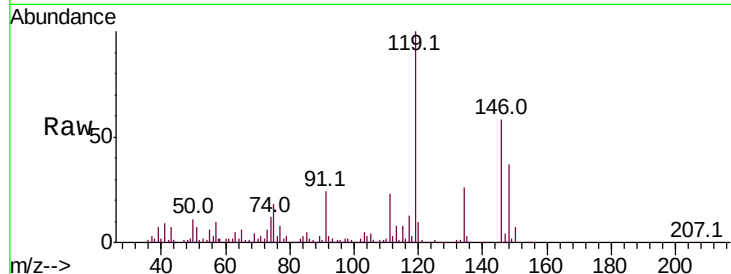
Delta R.T. -0.00 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Instrument :  
MSVOA\_D  
ClientSampleId :  
B-2(4-5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.6  | 20.3  | 60.9  |
| 148     | 64.1  | 31.9  | 95.5  |



#88

1,4-Dichlorobenzene

Concen: 44.825 ug/l

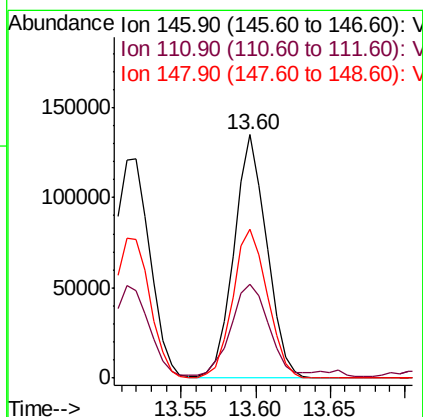
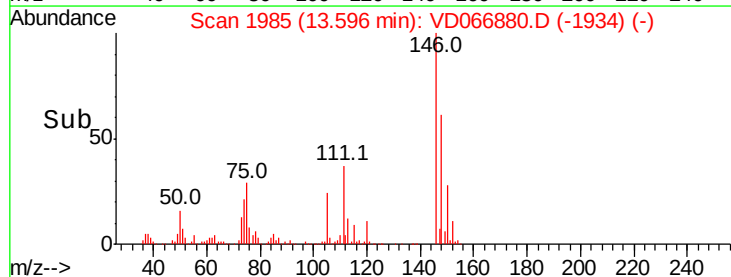
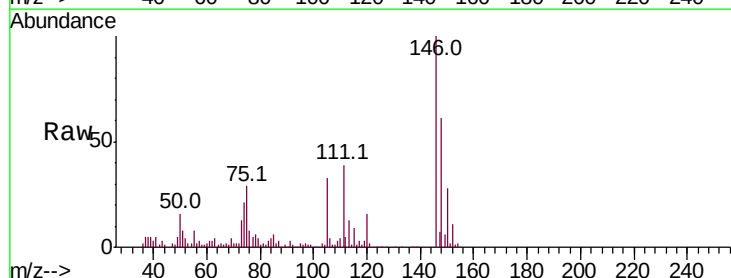
RT: 13.60 min Scan# 1985

Delta R.T. -0.00 min

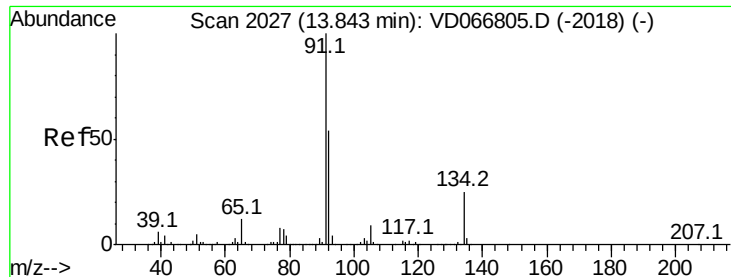
Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.4  | 20.2  | 60.5  |
| 148     | 64.6  | 31.6  | 94.7  |



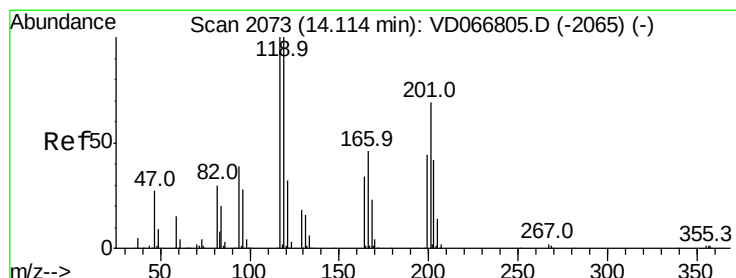
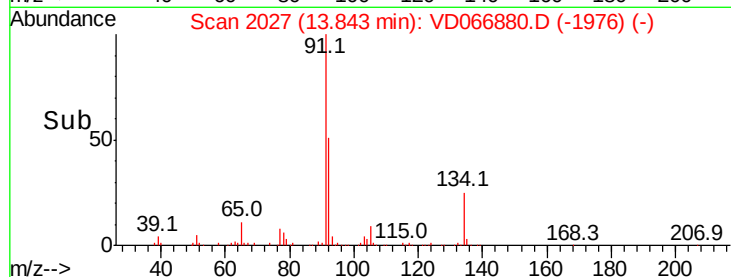
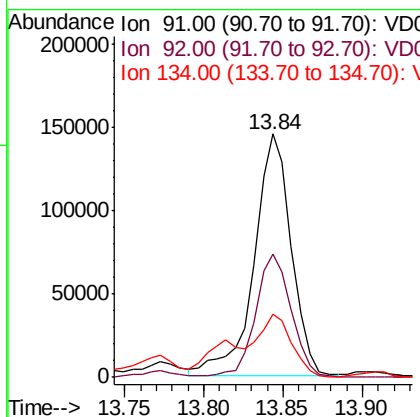
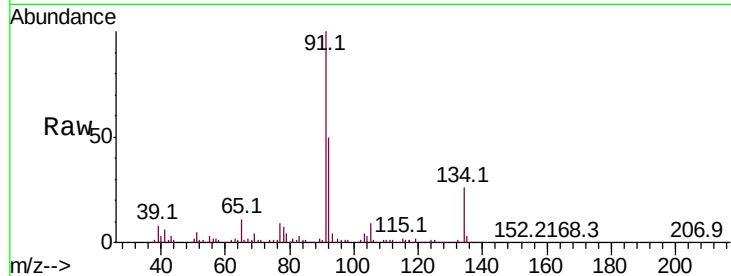




#89  
n-Butylbenzene  
Concen: 27.515 ug/l  
RT: 13.84 min Scan# 2027  
Delta R.T. -0.00 min  
Lab File: VD066880.D  
Acq: 25 Sep 2020 18:01

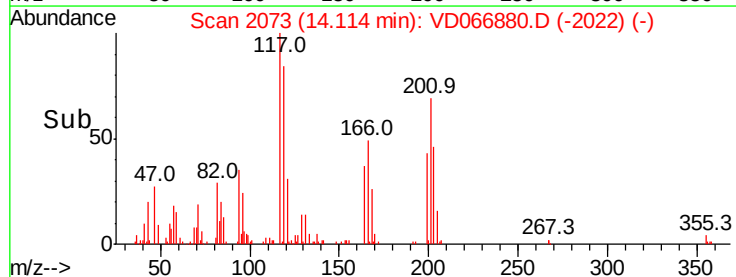
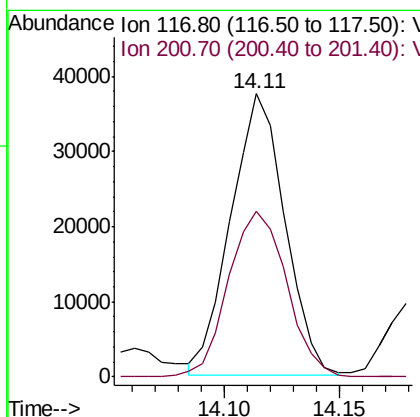
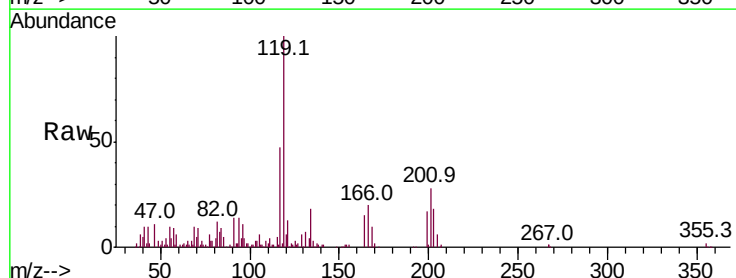
Instrument :  
MSVOA\_D  
ClientSampleId :  
B-2(4-5)MS

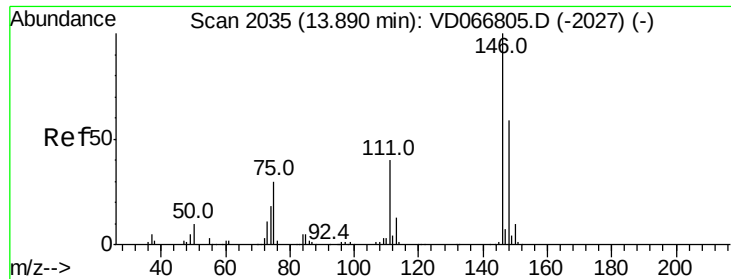
Tot Ion: 91 Resp: 237041  
Ion Ratio Lower Upper  
91 100  
92 48.4 26.7 80.0  
134 23.2 13.1 39.1



#90  
Hexachloroethane  
Concen: 33.336 ug/l  
RT: 14.11 min Scan# 2073  
Delta R.T. -0.00 min  
Lab File: VD066880.D  
Acq: 25 Sep 2020 18:01

Tgt Ion: 117 Resp: 61342  
Ion Ratio Lower Upper  
117 100  
201 63.0 33.7 101.0

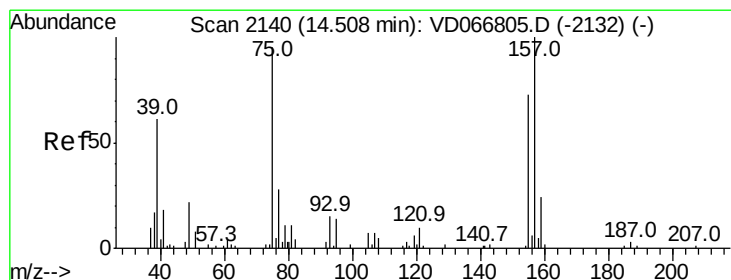
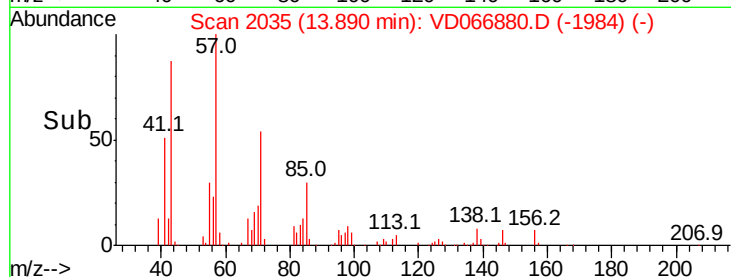
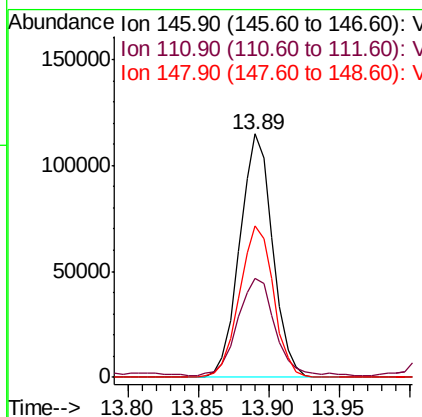
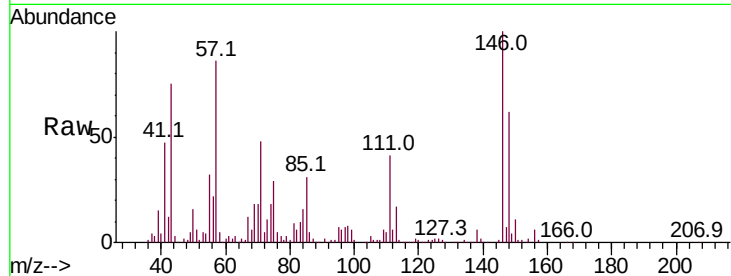




#91  
 1,2-Dichlorobenzene  
 Concen: 47.172 ug/l  
 RT: 13.89 min Scan# 2035  
 Delta R.T. -0.00 min  
 Lab File: VD066880.D  
 Acq: 25 Sep 2020 18:01

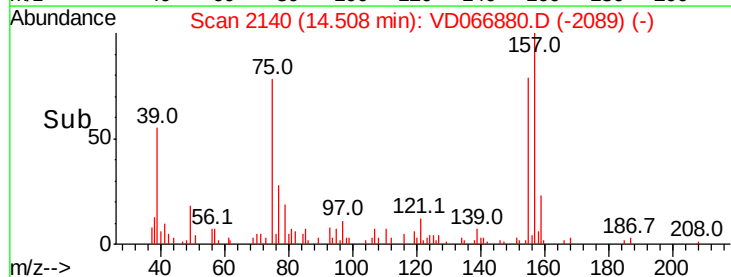
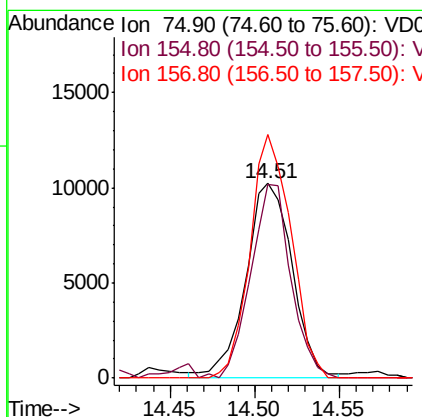
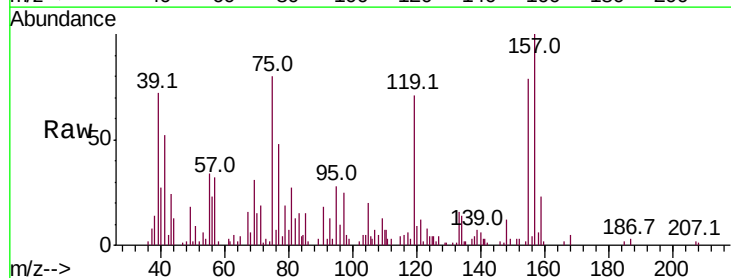
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 B-2(4-5)MS

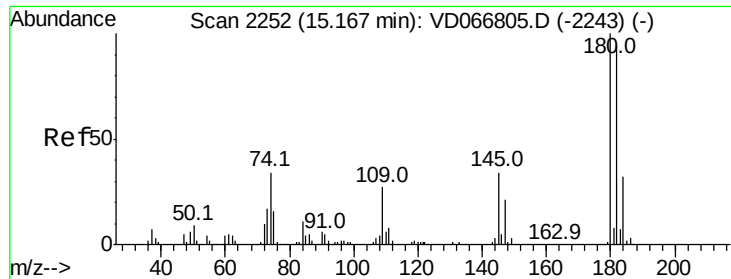
Tot Ion:146 Resp: 187013  
 Ion Ratio Lower Upper  
 146 100  
 111 45.4 20.9 62.7  
 148 64.4 31.8 95.3



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 70.396 ug/l  
 RT: 14.51 min Scan# 2140  
 Delta R.T. -0.00 min  
 Lab File: VD066880.D  
 Acq: 25 Sep 2020 18:01

Tgt Ion: 75 Resp: 19597  
 Ion Ratio Lower Upper  
 75 100  
 155 85.4 40.4 121.2  
 157 110.3 51.3 153.9

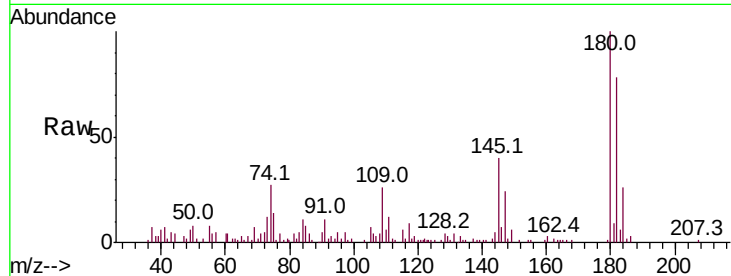




#93  
 1,2,4-Trichlorobenzene  
 Concen: 23.345 ug/l  
 RT: 15.17 min Scan# 2252  
 Delta R.T. -0.00 min  
 Lab File: VD066880.D  
 Acq: 25 Sep 2020 18:01

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 B-2(4-5)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 92.3  | 48.8  | 146.3 |
| 145     | 64.3  | 16.7  | 50.0# |

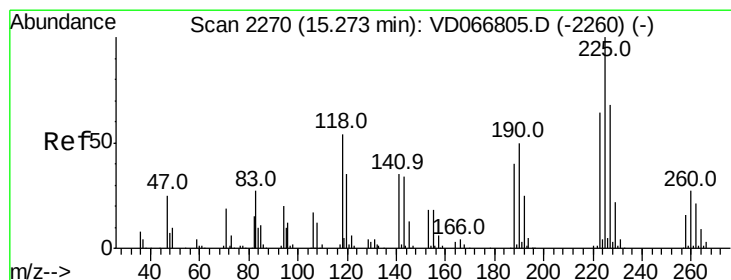
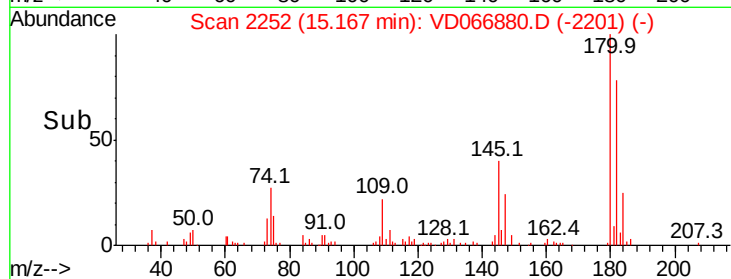
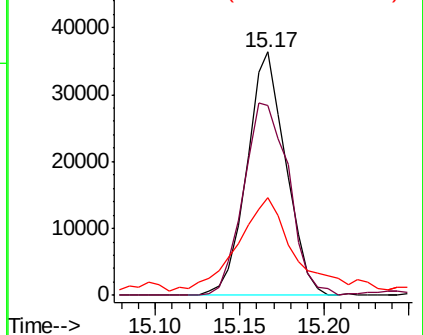


Abundance

Ion 179.80 (179.50 to 180.50): V

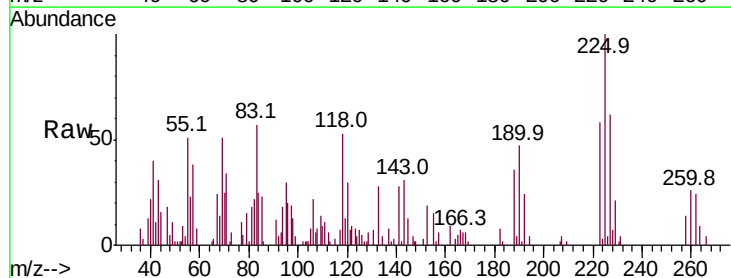
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94  
 Hexachlorobutadiene  
 Concen: 11.285 ug/l  
 RT: 15.27 min Scan# 2270  
 Delta R.T. -0.00 min  
 Lab File: VD066880.D  
 Acq: 25 Sep 2020 18:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.0  | 31.1  | 93.3  |
| 227     | 61.5  | 31.7  | 95.1  |

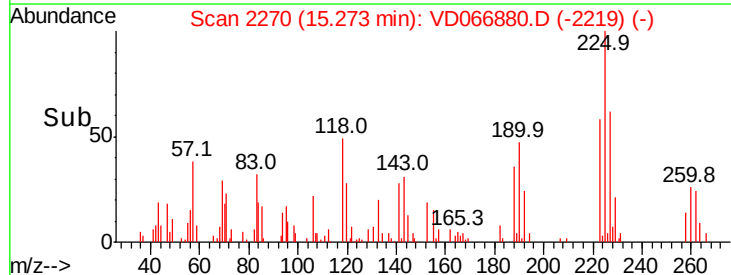
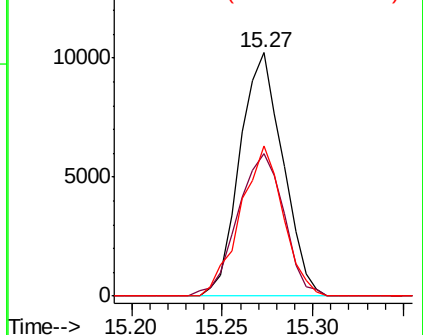


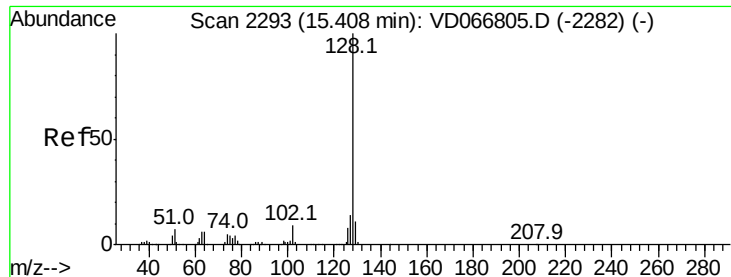
Abundance

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: 57.570 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

Instrument :

MSVOA\_D

ClientSampleId :

B-2(4-5)MS

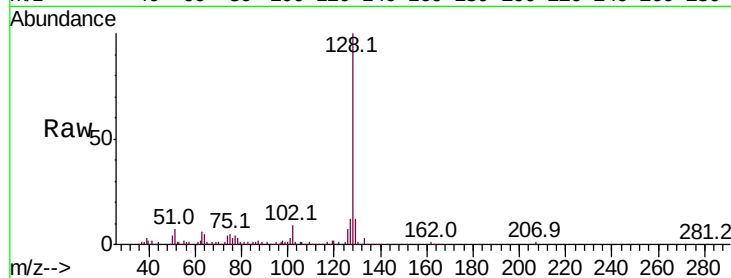
Tot Ion:128 Resp: 243931

Ion Ratio Lower Upper

128 100

127 14.0 10.6 16.0

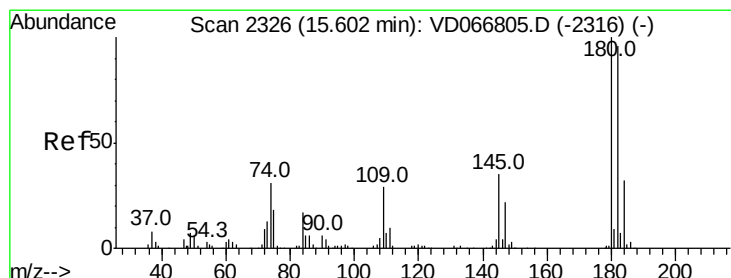
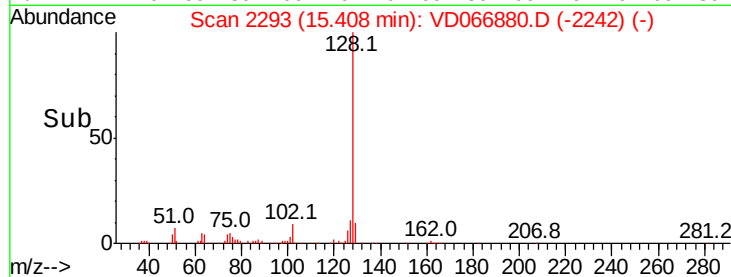
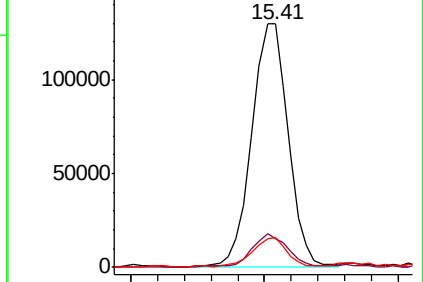
129 10.7 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 22.166 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. -0.00 min

Lab File: VD066880.D

Acq: 25 Sep 2020 18:01

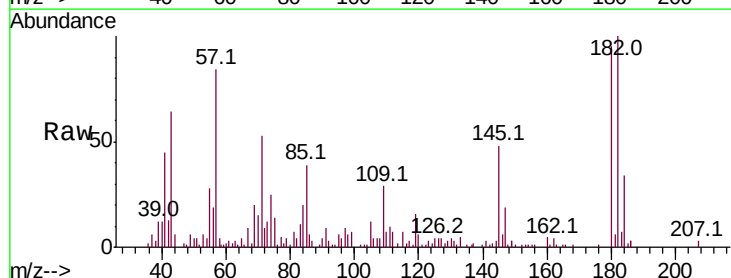
Tgt Ion:180 Resp: 47748

Ion Ratio Lower Upper

180 100

182 102.0 46.8 140.3

145 64.5 17.0 51.0#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

