

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD032322\  
 Data File : VD072381.D  
 Acq On : 23 Mar 2022 13:55  
 Operator : VA/SY  
 Sample : N2063-01  
 Misc : 4.19G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 WC-1-(10-10.5)

Quant Time: Mar 24 00:52:15 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D031122S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Mar 14 05:18:06 2022  
 Response via : Initial Calibration

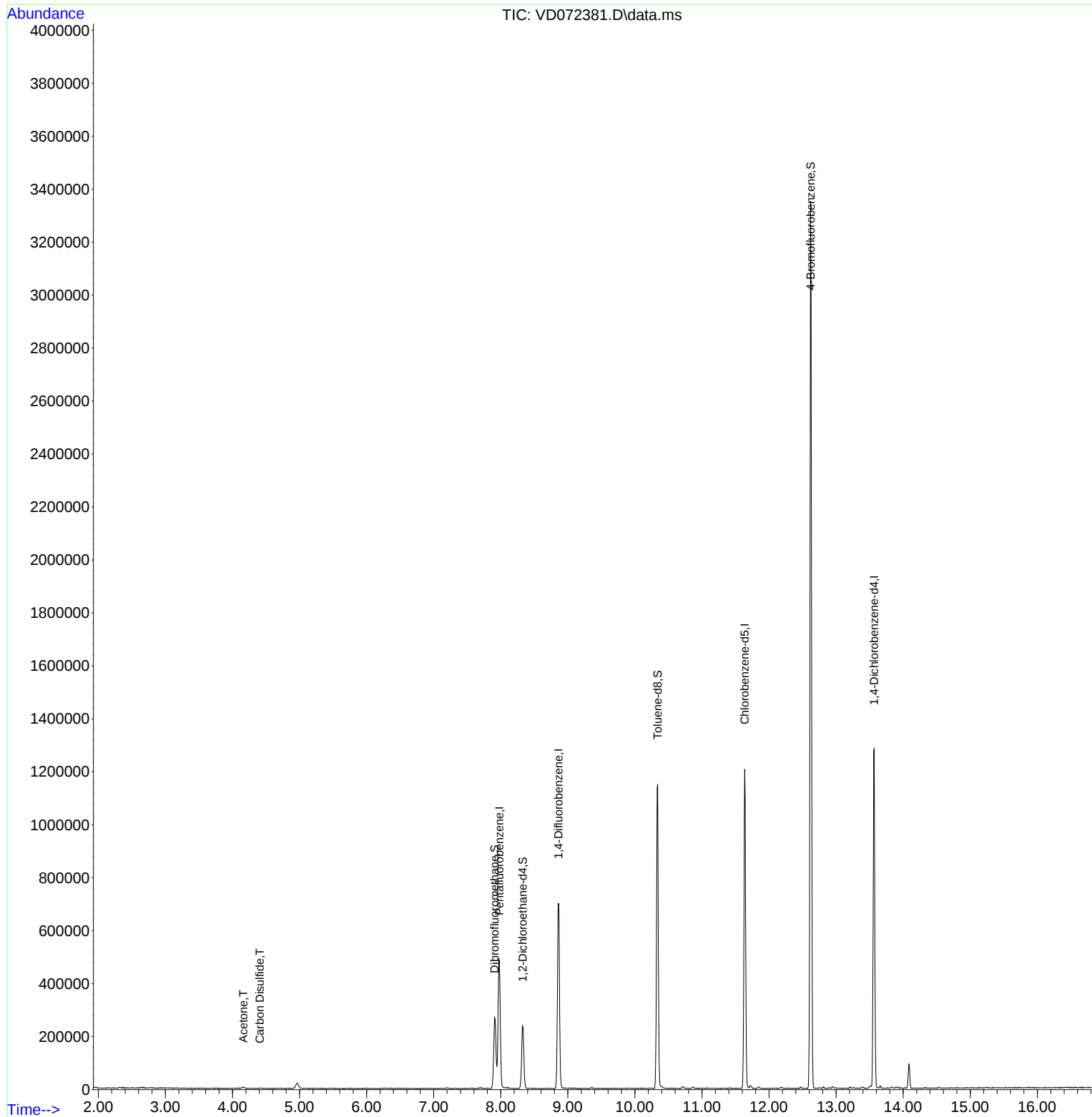
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 7.979  | 168   | 361233   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.861  | 114   | 619793   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.638 | 117   | 674563   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.567 | 152   | 338853   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.326  | 65    | 192428   | 47.799   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =      | 95.600%  |
| 35) Dibromofluoromethane    | 7.908  | 113   | 194198   | 44.525   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =      | 89.060%  |
| 50) Toluene-d8              | 10.338 | 98    | 775705   | 48.640   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =      | 97.280%  |
| 62) 4-Bromofluorobenzene    | 12.620 | 95    | 369113   | 59.566   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =      | 119.140% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 4.162  | 43    | 9203     | 10.529   | ug/l # | 84       |
| 17) Carbon Disulfide        | 4.409  | 76    | 2232     | 1.780    | ug/l # | 67       |
| -----                       |        |       |          |          |        |          |

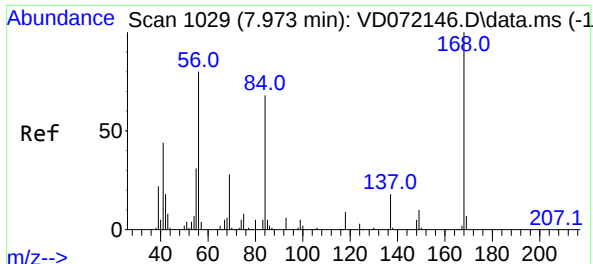
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD032322\  
Data File : VD072381.D  
Acq On : 23 Mar 2022 13:55  
Operator : VA/SY  
Sample : N2063-01  
Misc : 4.19G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
WC-1-(10-10.5)

Quant Time: Mar 24 00:52:15 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D031122S.M  
Quant Title : SW846 8260  
QLast Update : Mon Mar 14 05:18:06 2022  
Response via : Initial Calibration

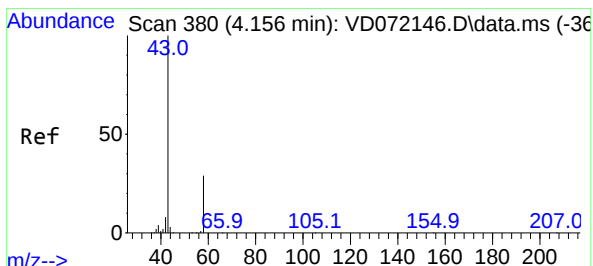
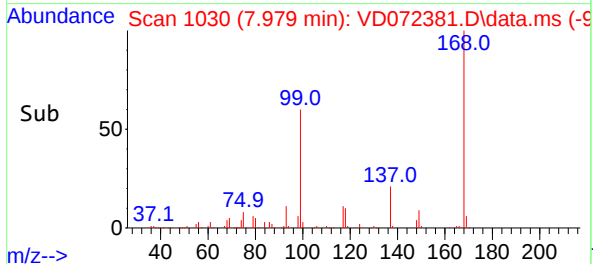
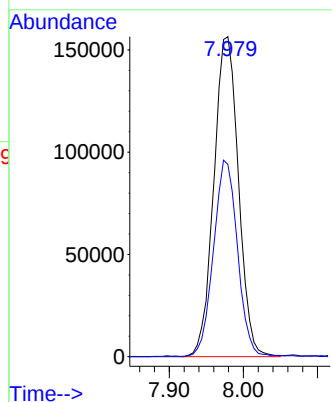
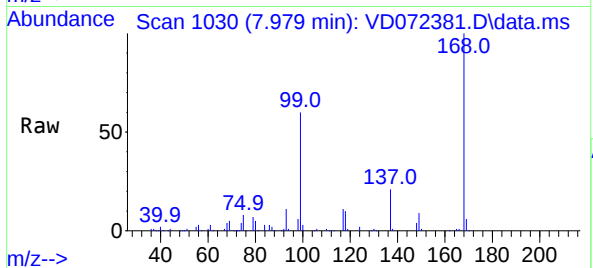




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.979 min Scan# 10  
Delta R.T. 0.006 min  
Lab File: VD072381.D  
Acq: 23 Mar 2022 13:55

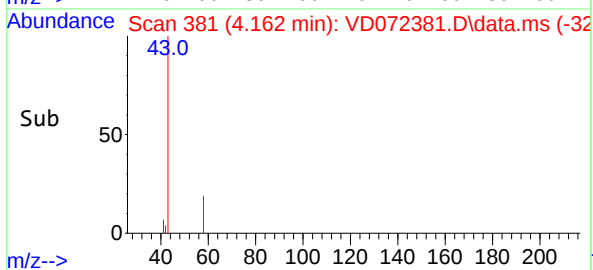
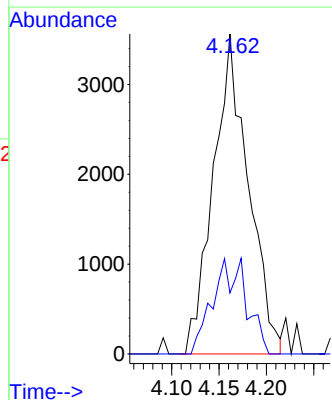
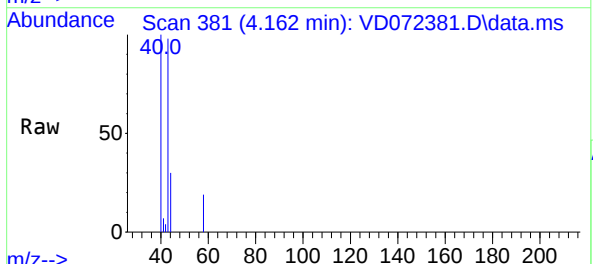
Instrument :  
MSVOA\_D  
ClientSampleId :  
WC-1-(10-10.5)

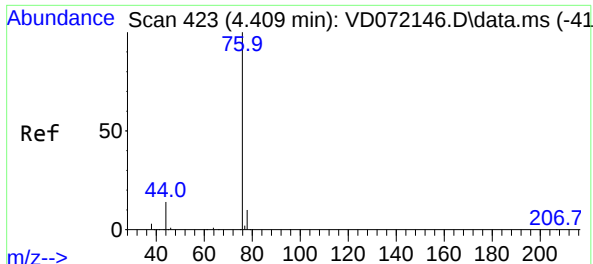
Tgt Ion:168 Resp: 361233  
Ion Ratio Lower Upper  
168 100  
99 60.0 49.8 74.6



#16  
Acetone  
Concen: 10.529 ug/l  
RT: 4.162 min Scan# 381  
Delta R.T. 0.006 min  
Lab File: VD072381.D  
Acq: 23 Mar 2022 13:55

Tgt Ion: 43 Resp: 9203  
Ion Ratio Lower Upper  
43 100  
58 19.1 22.1 33.1#

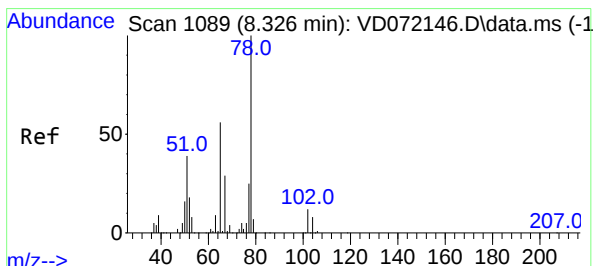
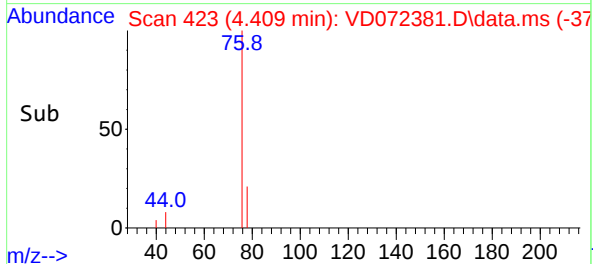
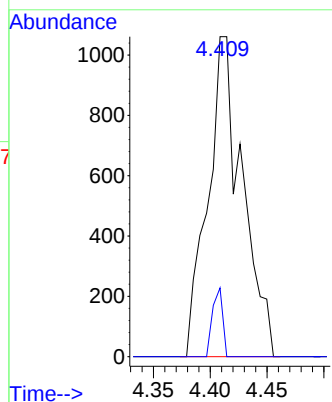
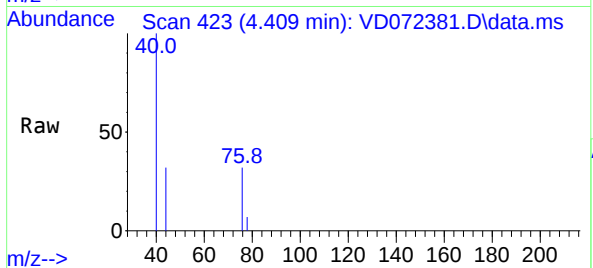




#17  
Carbon Disulfide  
Concen: 1.780 ug/l  
RT: 4.409 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VD072381.D  
Acq: 23 Mar 2022 13:55

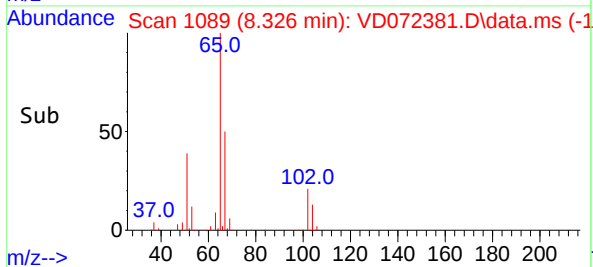
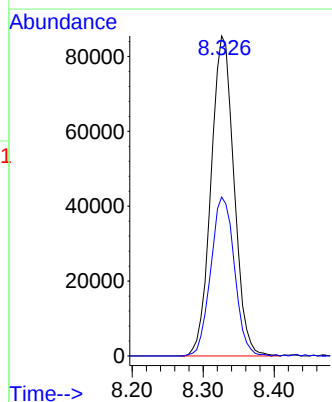
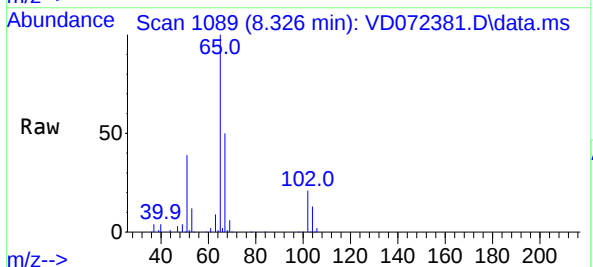
Instrument :  
MSVOA\_D  
ClientSampleId :  
WC-1-(10-10.5)

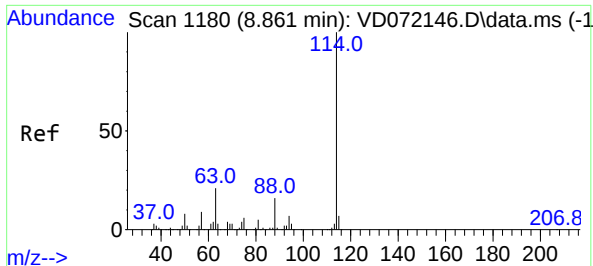
Tgt Ion: 76 Resp: 2232  
Ion Ratio Lower Upper  
76 100  
78 21.5 7.5 11.3#



#33  
1,2-Dichloroethane-d4  
Concen: 47.799 ug/l  
RT: 8.326 min Scan# 1089  
Delta R.T. -0.000 min  
Lab File: VD072381.D  
Acq: 23 Mar 2022 13:55

Tgt Ion: 65 Resp: 192428  
Ion Ratio Lower Upper  
65 100  
67 51.0 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072381.D

Acq: 23 Mar 2022 13:55

Instrument :

MSVOA\_D

ClientSampleId :

WC-1-(10-10.5)

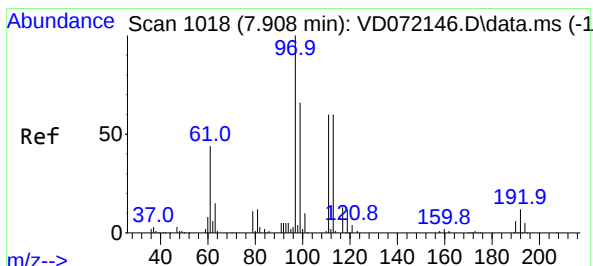
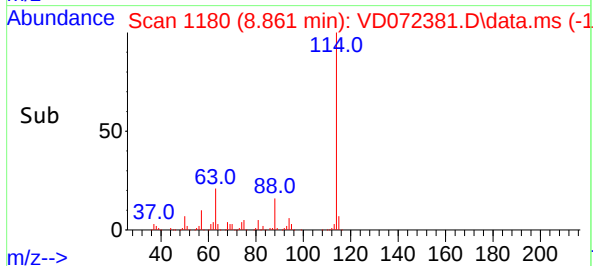
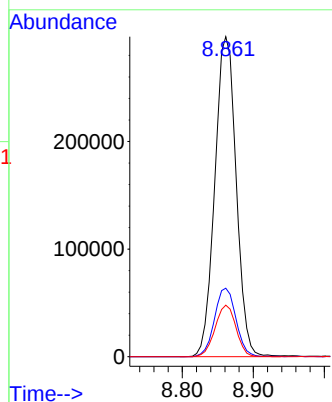
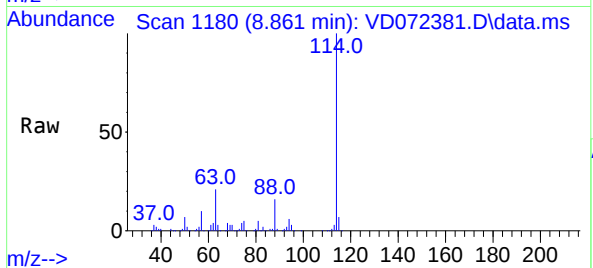
Tgt Ion:114 Resp: 619793

Ion Ratio Lower Upper

114 100

63 21.4 0.0 46.6

88 16.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 44.525 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072381.D

Acq: 23 Mar 2022 13:55

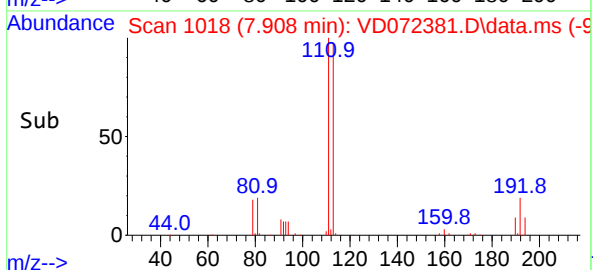
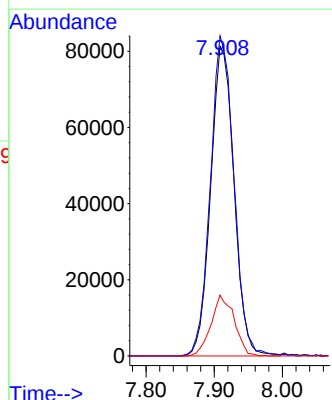
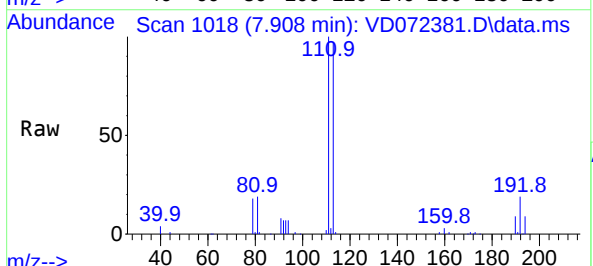
Tgt Ion:113 Resp: 194198

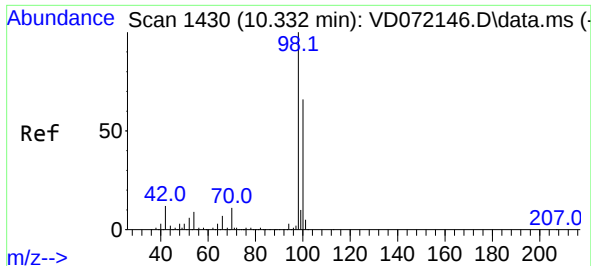
Ion Ratio Lower Upper

113 100

111 104.3 83.8 125.6

192 19.5 14.6 21.8

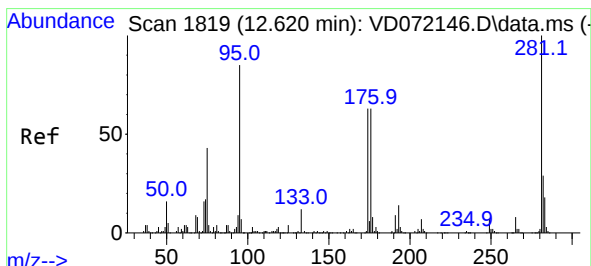
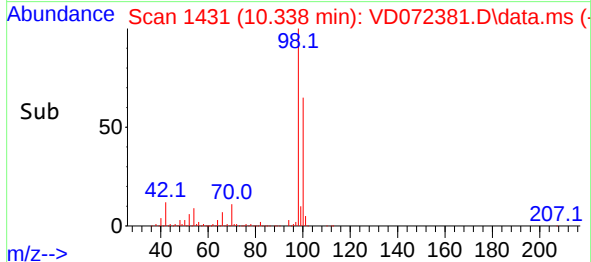
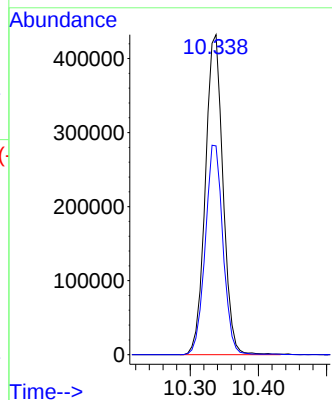
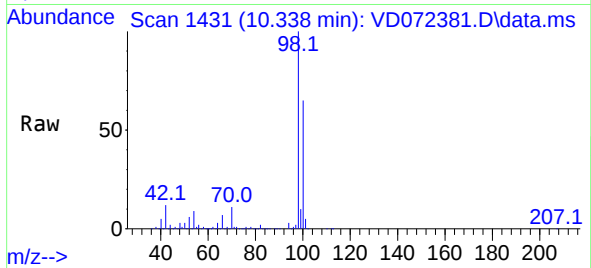




#50  
Toluene-d8  
Concen: 48.640 ug/l  
RT: 10.338 min Scan# 1430  
Delta R.T. 0.006 min  
Lab File: VD072381.D  
Acq: 23 Mar 2022 13:55

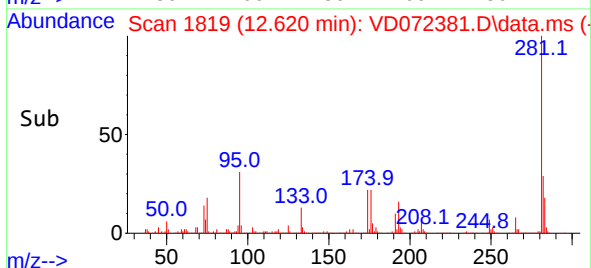
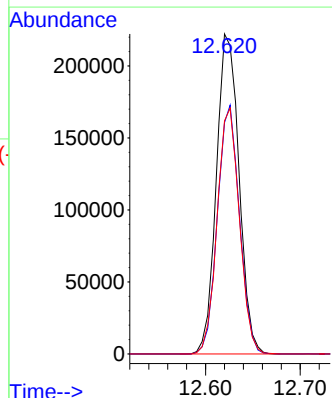
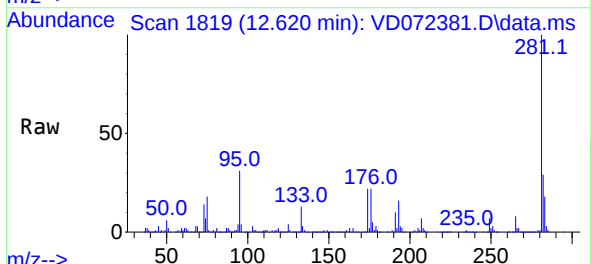
Instrument :  
MSVOA\_D  
ClientSampleId :  
WC-1-(10-10.5)

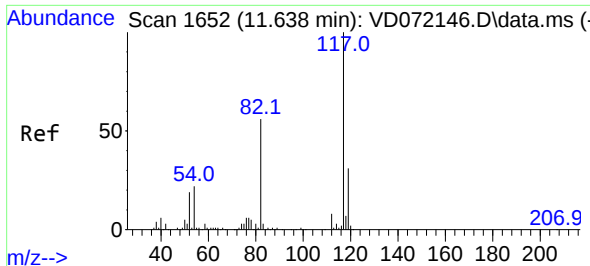
Tgt Ion: 98 Resp: 775705  
Ion Ratio Lower Upper  
98 100  
100 65.9 52.4 78.6



#62  
4-Bromofluorobenzene  
Concen: 59.566 ug/l  
RT: 12.620 min Scan# 1819  
Delta R.T. -0.000 min  
Lab File: VD072381.D  
Acq: 23 Mar 2022 13:55

Tgt Ion: 95 Resp: 369113  
Ion Ratio Lower Upper  
95 100  
174 75.6 0.0 152.8  
176 75.2 0.0 145.4



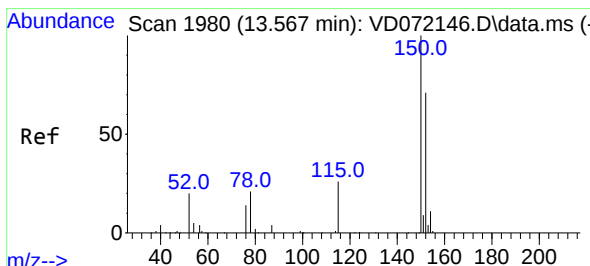
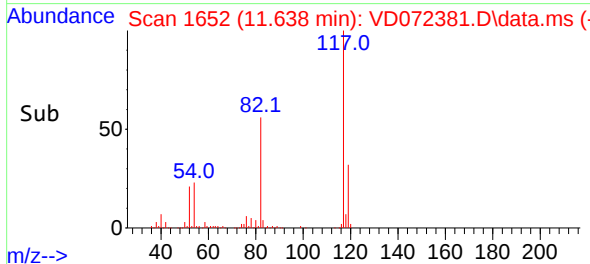
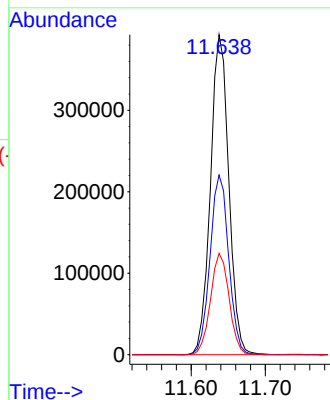
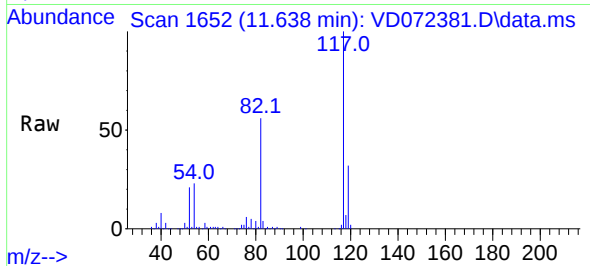


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 1652  
Delta R.T. -0.000 min  
Lab File: VD072381.D  
Acq: 23 Mar 2022 13:55

Instrument :  
MSVOA\_D  
ClientSampleId :  
WC-1-(10-10.5)

Tgt Ion:117 Resp: 674563

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 82  | 56.1  | 45.3  | 67.9  |
| 119 | 31.6  | 26.6  | 40.0  |



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.567 min Scan# 1980  
Delta R.T. -0.000 min  
Lab File: VD072381.D  
Acq: 23 Mar 2022 13:55

Tgt Ion:152 Resp: 338853

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 115 | 60.1  | 31.3  | 93.8  |
| 150 | 154.8 | 0.0   | 348.6 |

