

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD062321\  
 Data File : VD069545.D  
 Acq On : 23 Jun 2021 15:17  
 Operator : VA/SY  
 Sample : M2824-01  
 Misc : 9.54G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 ABN-1

Quant Time: Jun 24 06:09:11 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D062121S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 22 04:33:24 2021  
 Response via : Initial Calibration

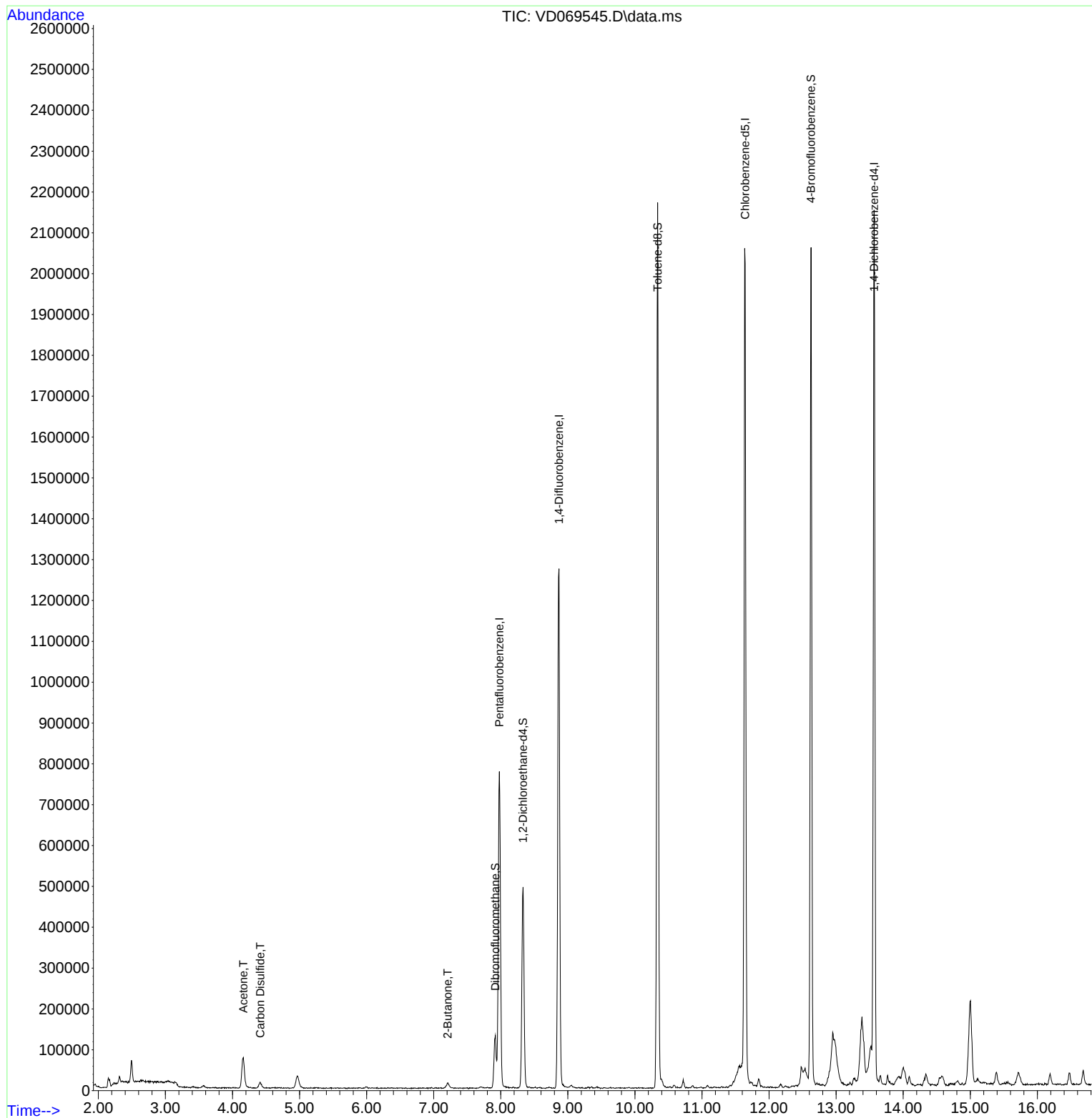
| Compound                    | R.T.   | QIon  | Response | Conc     | Units     | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-----------|----------|
| -----                       |        |       |          |          |           |          |
| Internal Standards          |        |       |          |          |           |          |
| 1) Pentafluorobenzene       | 7.979  | 168   | 539488   | 50.00    | ug/l      | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.867  | 114   | 1078025  | 50.00    | ug/l      | 0.00     |
| 63) Chlorobenzene-d5        | 11.644 | 117   | 1173290  | 50.00    | ug/l      | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.567 | 152   | 561508   | 50.00    | ug/l      | 0.00     |
| System Monitoring Compounds |        |       |          |          |           |          |
| 33) 1,2-Dichloroethane-d4   | 8.332  | 65    | 401392   | 59.69    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 119.38% |          |
| 35) Dibromofluoromethane    | 7.920  | 113   | 95817    | 13.15    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 26.30%# |          |
| 50) Toluene-d8              | 10.338 | 98    | 1422328  | 52.04    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 104.08% |          |
| 62) 4-Bromofluorobenzene    | 12.626 | 95    | 564500   | 62.82    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 125.64% |          |
| Target Compounds            |        |       |          |          |           |          |
|                             |        |       |          |          |           | Qvalue   |
| 16) Acetone                 | 4.162  | 43    | 134290   | 118.65   | ug/l      | 95       |
| 17) Carbon Disulfide        | 4.415  | 76    | 27895    | 1.59     | ug/l      | 99       |
| 25) 2-Butanone              | 7.208  | 43    | 14834    | 10.31    | ug/l #    | 80       |
| -----                       |        |       |          |          |           |          |

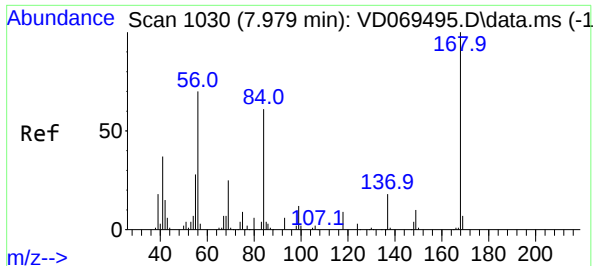
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD062321\  
Data File : VD069545.D  
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Sample : M2824-01  
Misc : 9.54G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D062121S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jun 22 04:33:24 2021  
Response via : Initial Calibration

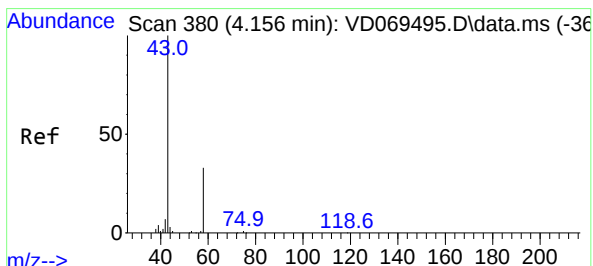
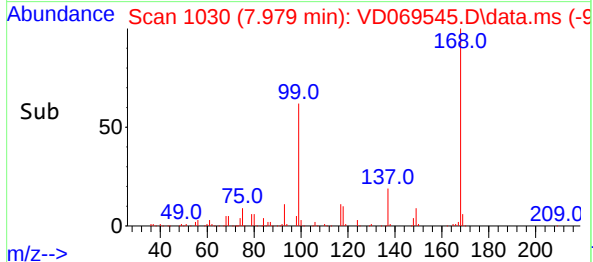
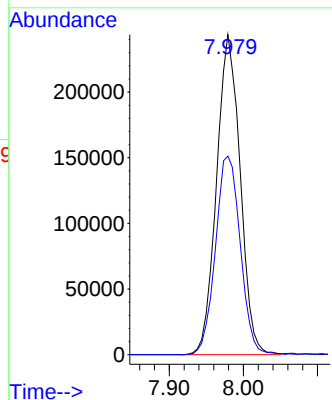
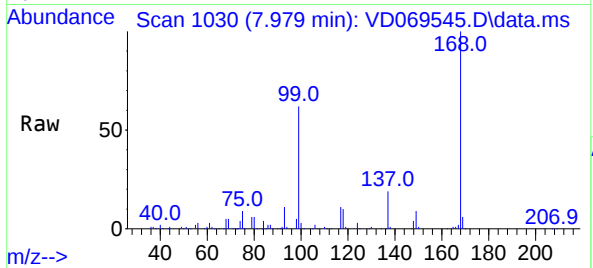




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. 0.000 min  
Lab File: VD069545.D  
Acq: 23 Jun 2021 15:17

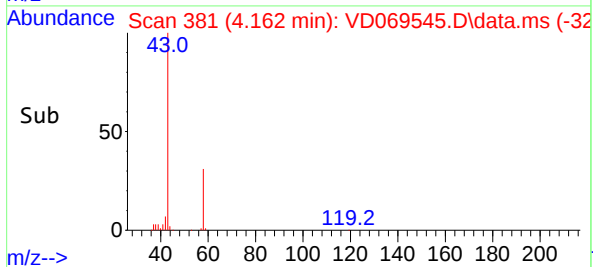
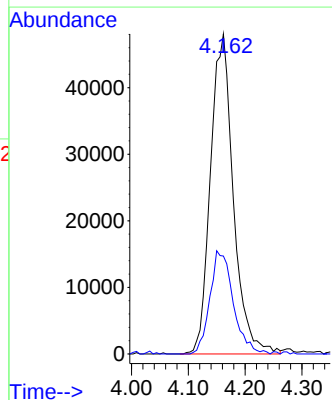
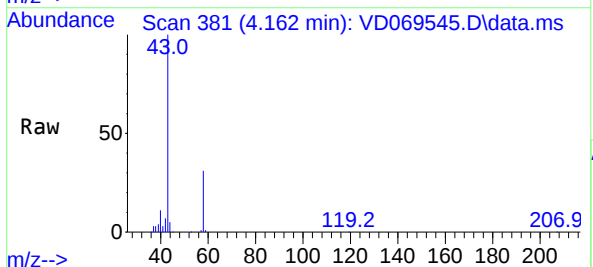
Instrument :  
MSVOA\_D  
ClientSampleId :  
ABN-1

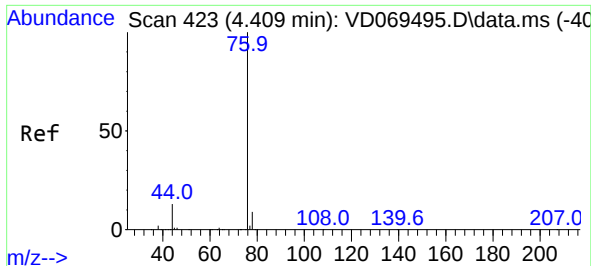
Tgt Ion:168 Resp: 539488  
Ion Ratio Lower Upper  
168 100  
99 62.1 49.3 73.9



#16  
Acetone  
Concen: 118.65 ug/l  
RT: 4.162 min Scan# 381  
Delta R.T. 0.006 min  
Lab File: VD069545.D  
Acq: 23 Jun 2021 15:17

Tgt Ion: 43 Resp: 134290  
Ion Ratio Lower Upper  
43 100  
58 30.6 26.8 40.2

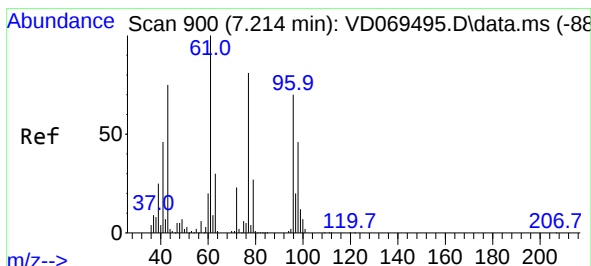
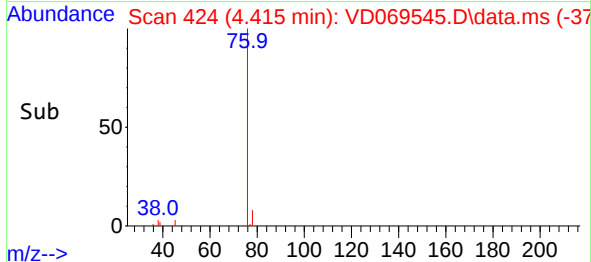
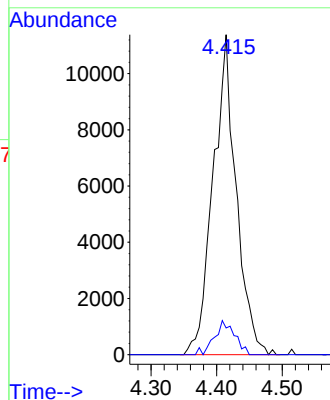
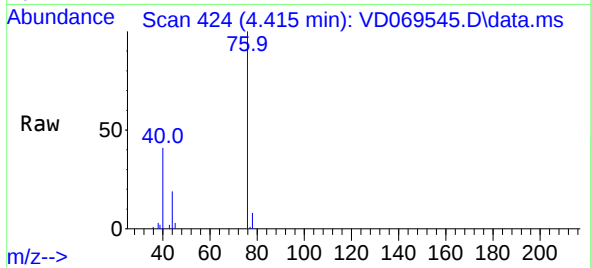




#17  
Carbon Disulfide  
Concen: 1.59 ug/l  
RT: 4.415 min Scan# 424  
Delta R.T. 0.006 min  
Lab File: VD069545.D  
Acq: 23 Jun 2021 15:17

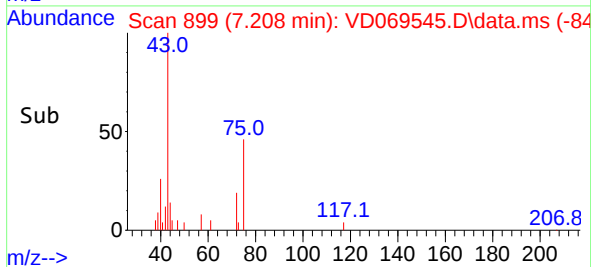
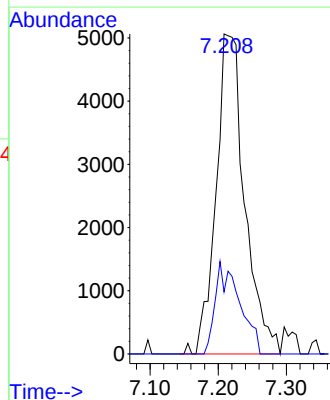
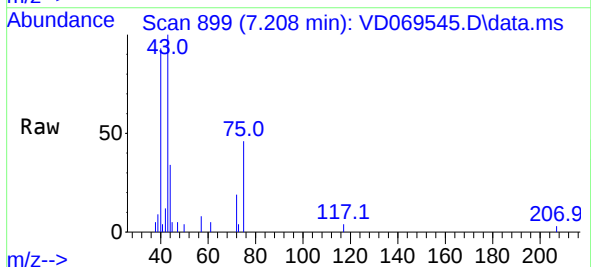
Instrument :  
MSVOA\_D  
ClientSampled :  
ABN-1

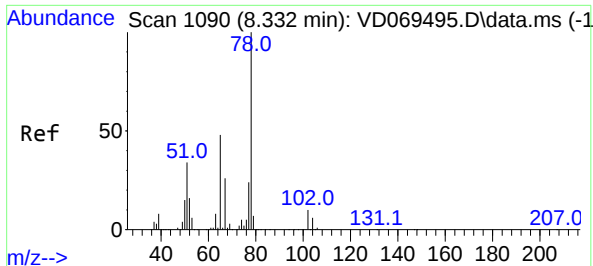
Tgt Ion: 76 Resp: 27895  
Ion Ratio Lower Upper  
76 100  
78 8.3 7.0 10.4



#25  
2-Butanone  
Concen: 10.31 ug/l  
RT: 7.208 min Scan# 899  
Delta R.T. -0.006 min  
Lab File: VD069545.D  
Acq: 23 Jun 2021 15:17

Tgt Ion: 43 Resp: 14834  
Ion Ratio Lower Upper  
43 100  
72 19.4 24.3 36.5#

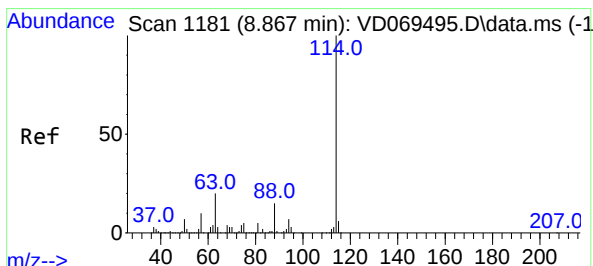
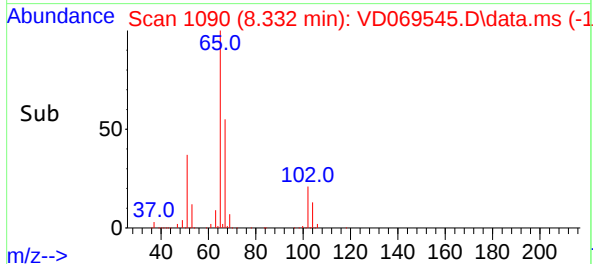
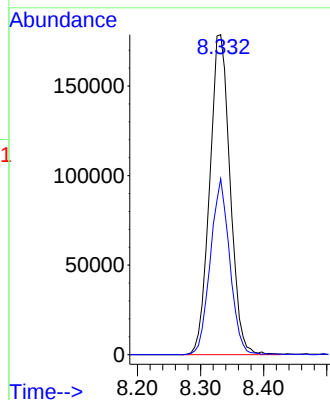
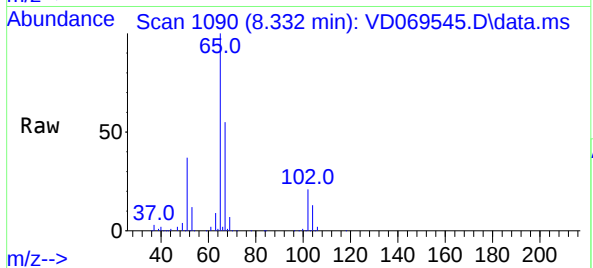




#33  
1,2-Dichloroethane-d4  
Concen: 59.69 ug/l  
RT: 8.332 min Scan# 1090  
Delta R.T. -0.000 min  
Lab File: VD069545.D  
Acq: 23 Jun 2021 15:17

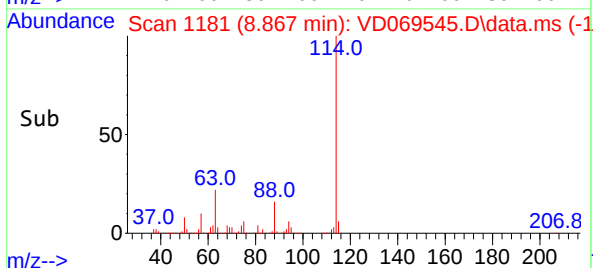
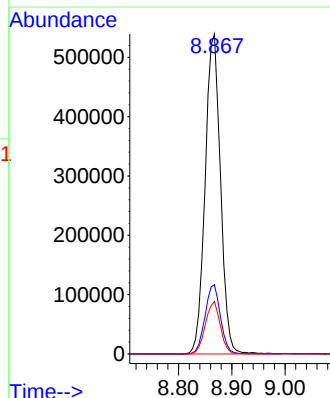
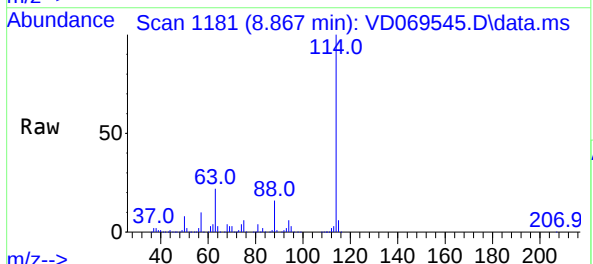
Instrument :  
MSVOA\_D  
ClientSampleId :  
ABN-1

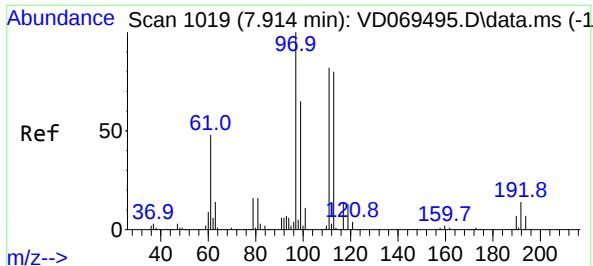
Tgt Ion: 65 Resp: 401392  
Ion Ratio Lower Upper  
65 100  
67 52.2 0.0 105.6



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.867 min Scan# 1181  
Delta R.T. 0.000 min  
Lab File: VD069545.D  
Acq: 23 Jun 2021 15:17

Tgt Ion: 114 Resp: 1078025  
Ion Ratio Lower Upper  
114 100  
63 21.7 0.0 39.6  
88 16.4 0.0 29.8

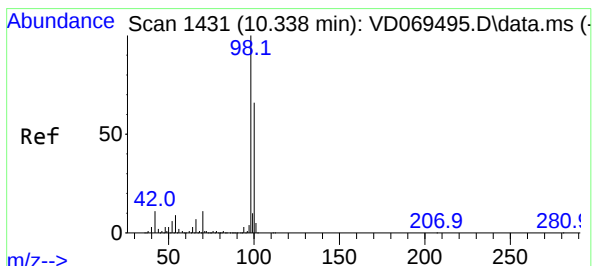
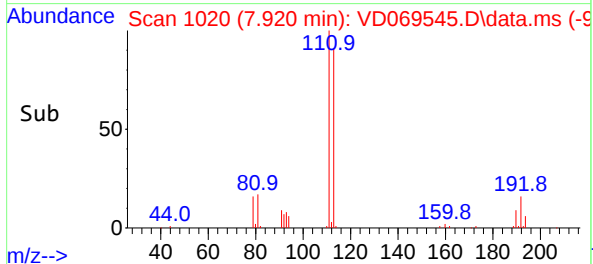
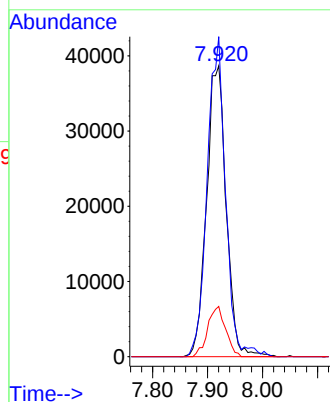
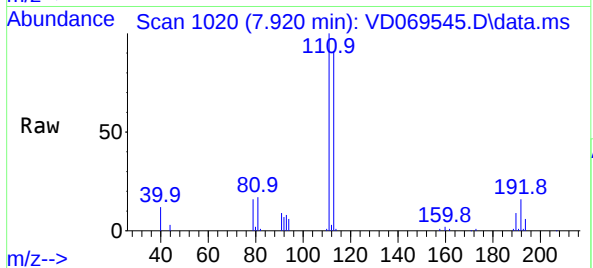




#35  
Dibromofluoromethane  
Concen: 13.15 ug/l  
RT: 7.920 min Scan# 1020  
Delta R.T. 0.006 min  
Lab File: VD069545.D  
Acq: 23 Jun 2021 15:17

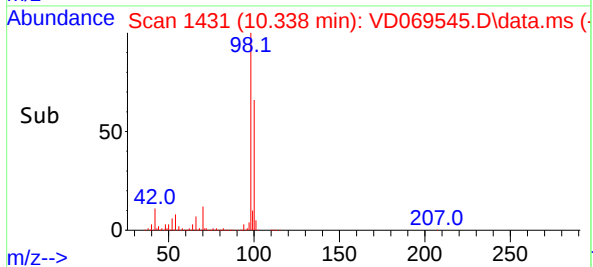
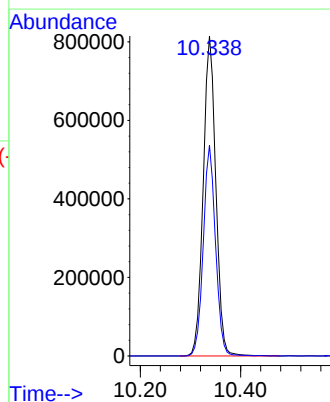
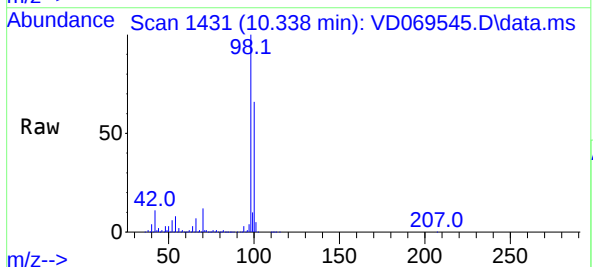
Instrument :  
MSVOA\_D  
ClientSampleId :  
ABN-1

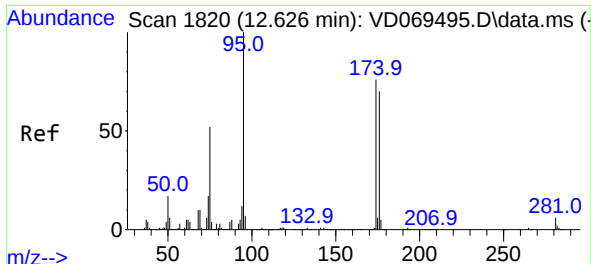
Tgt Ion:113 Resp: 95817  
Ion Ratio Lower Upper  
113 100  
111 103.3 81.8 122.8  
192 15.8 13.8 20.6



#50  
Toluene-d8  
Concen: 52.04 ug/l  
RT: 10.338 min Scan# 1431  
Delta R.T. -0.000 min  
Lab File: VD069545.D  
Acq: 23 Jun 2021 15:17

Tgt Ion: 98 Resp: 1422328  
Ion Ratio Lower Upper  
98 100  
100 64.0 52.3 78.5

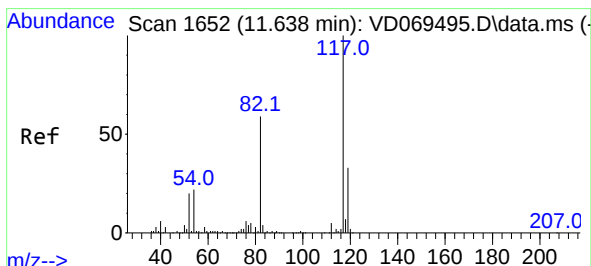
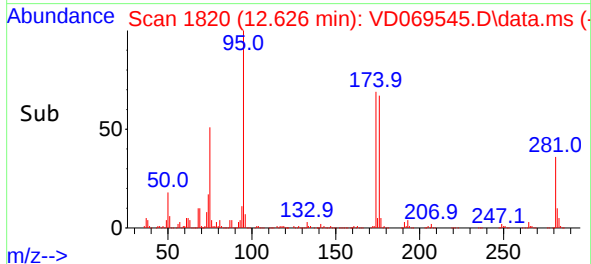
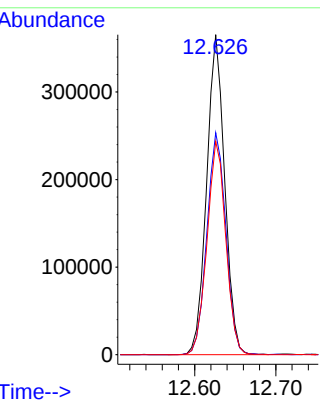
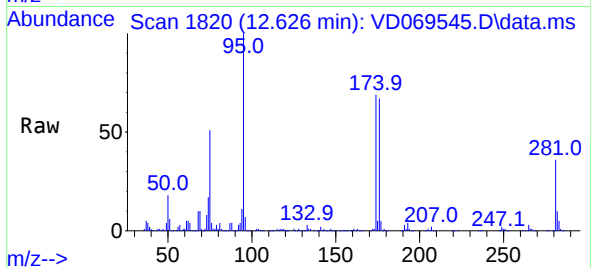




#62  
4-Bromofluorobenzene  
Concen: 62.82 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. -0.000 min  
Lab File: VD069545.D  
Acq: 23 Jun 2021 15:17

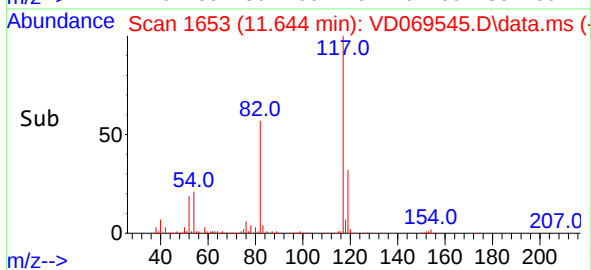
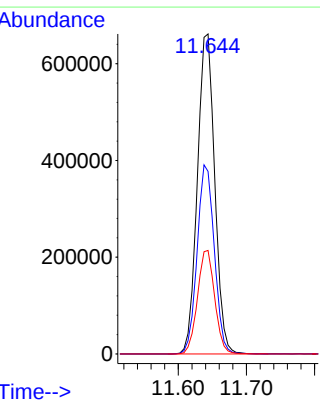
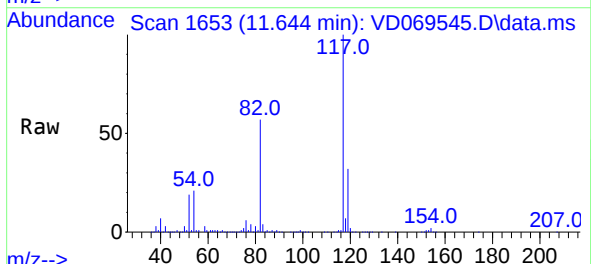
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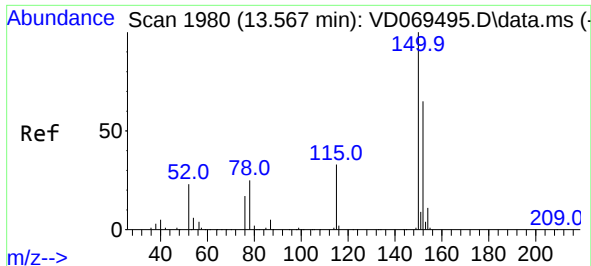
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 95    | Resp: | 564500 |
| Ion      | Ratio | Lower | Upper  |
| 95       | 100   |       |        |
| 174      | 73.2  | 0.0   | 148.0  |
| 176      | 69.4  | 0.0   | 139.8  |



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.644 min Scan# 1653  
Delta R.T. 0.006 min  
Lab File: VD069545.D  
Acq: 23 Jun 2021 15:17

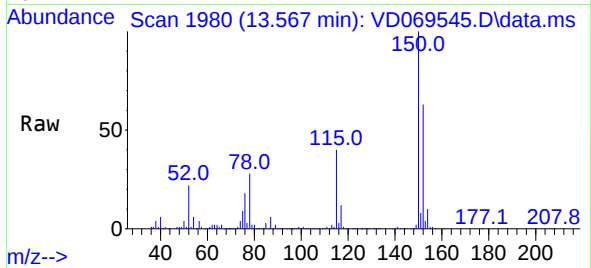
|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 117   | Resp: | 1173290 |
| Ion      | Ratio | Lower | Upper   |
| 117      | 100   |       |         |
| 82       | 57.1  | 46.8  | 70.2    |
| 119      | 32.4  | 26.2  | 39.2    |





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 13.567 min Scan# 1980  
 Delta R.T. -0.000 min  
 Lab File: VD069545.D  
 Acq: 23 Jun 2021 15:17

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
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Tgt Ion:152 Resp: 561508  
 Ion Ratio Lower Upper  
 152 100  
 115 65.0 31.7 95.1  
 150 156.6 0.0 350.8

