

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD040921\  
 Data File : VD068821.D  
 Acq On : 09 Apr 2021 19:36  
 Operator : VA/SY  
 Sample : M1998-04  
 Misc : 3.74G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 SB-3D

Quant Time: Apr 10 00:46:00 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D040721S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Apr 08 03:50:31 2021  
 Response via : Initial Calibration

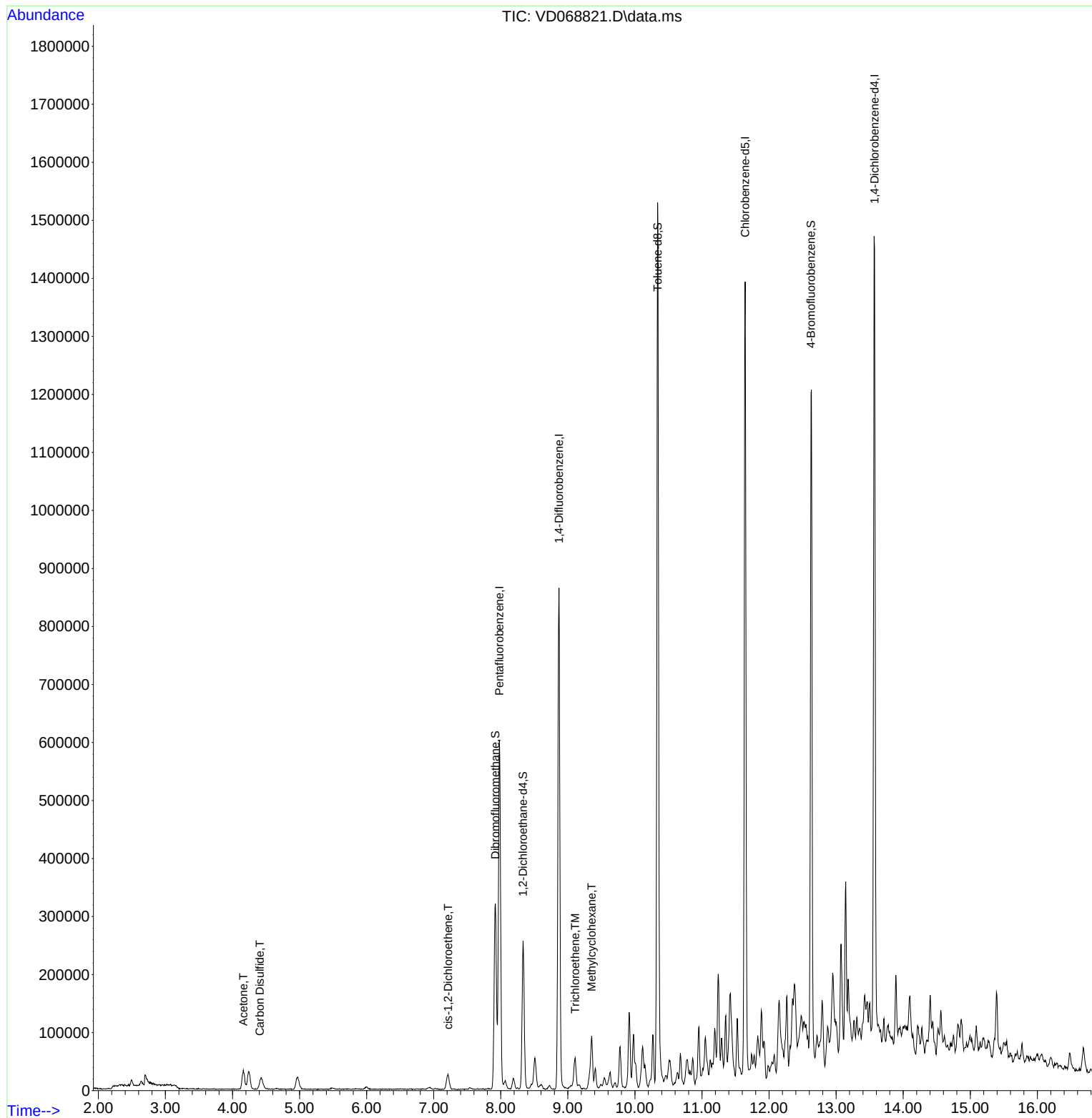
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 7.979  | 168   | 456698   | 50.00    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.867  | 114   | 791600   | 50.00    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.643 | 117   | 840315   | 50.00    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.573 | 152   | 405367   | 50.00    | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.332  | 65    | 199558   | 41.35    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =      | 82.70%   |
| 35) Dibromofluoromethane    | 7.920  | 113   | 239252   | 46.47    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =      | 92.94%   |
| 50) Toluene-d8              | 10.338 | 98    | 1024023  | 52.72    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =      | 105.44%  |
| 62) 4-Bromofluorobenzene    | 12.626 | 95    | 383676   | 59.48    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =      | 118.96%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 4.161  | 43    | 56325    | 84.27    | ug/l   | 94       |
| 17) Carbon Disulfide        | 4.409  | 76    | 24126    | 1.63     | ug/l # | 95       |
| 27) cis-1,2-Dichloroethene  | 7.214  | 96    | 8084     | 1.39     | ug/l   | 90       |
| 39) Methylcyclohexane       | 9.355  | 83    | 27894    | 2.99     | ug/l # | 77       |
| 44) Trichloroethene         | 9.108  | 130   | 11361    | 1.75     | ug/l   | 72       |
| -----                       |        |       |          |          |        |          |

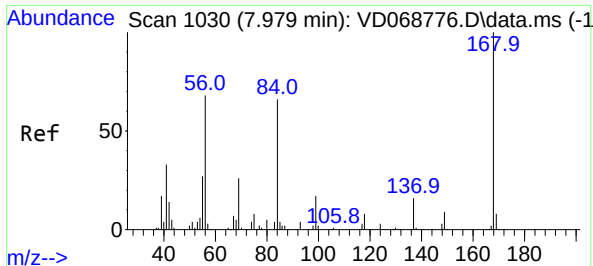
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD040921\  
Data File : VD068821.D  
Acq On : 09 Apr 2021 19:36  
Operator : VA/SY  
Sample : M1998-04  
Misc : 3.74G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-3D

Quant Time: Apr 10 00:46:00 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D040721S.M  
Quant Title : SW846 8260  
QLast Update : Thu Apr 08 03:50:31 2021  
Response via : Initial Calibration

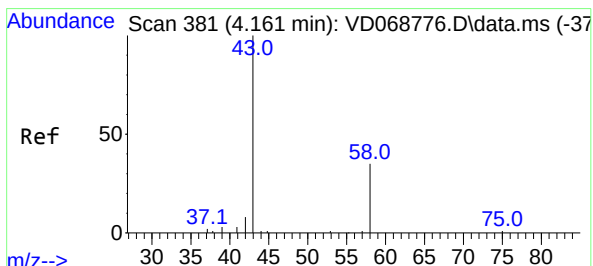
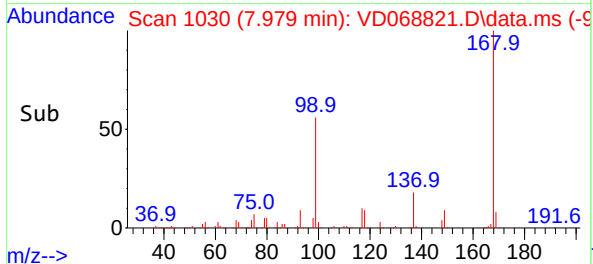
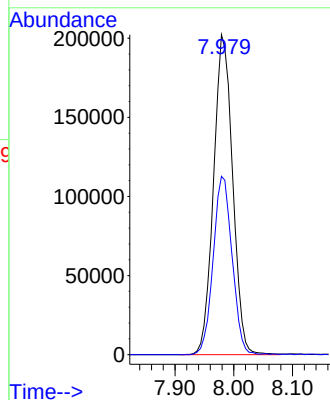
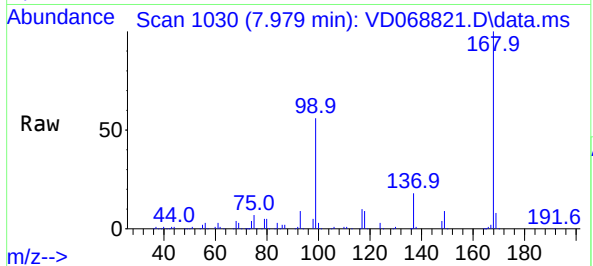




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. -0.000 min  
Lab File: VD068821.D  
Acq: 09 Apr 2021 19:36

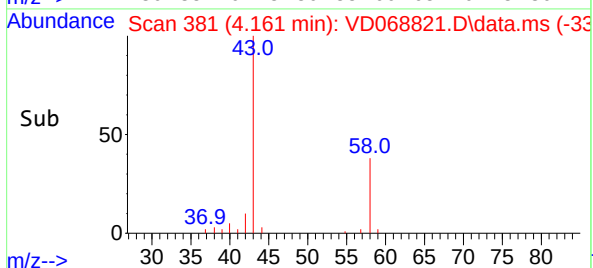
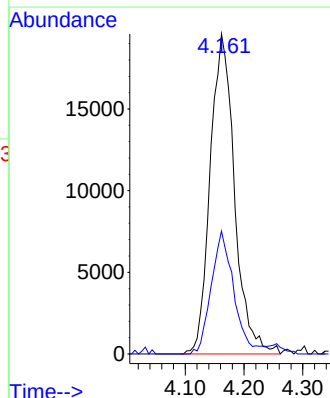
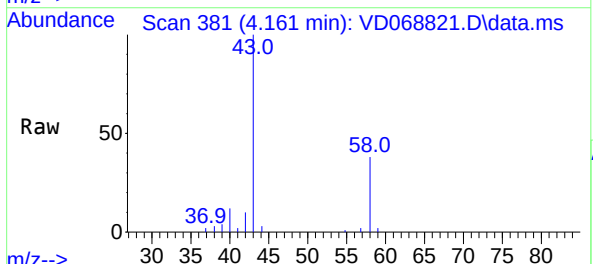
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-3D

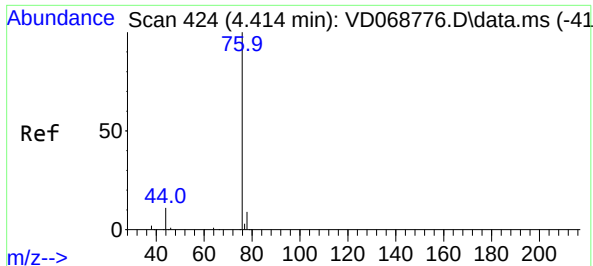
Tgt Ion:168 Resp: 456698  
Ion Ratio Lower Upper  
168 100  
99 55.8 46.2 69.2



#16  
Acetone  
Concen: 84.27 ug/l  
RT: 4.161 min Scan# 381  
Delta R.T. 0.000 min  
Lab File: VD068821.D  
Acq: 09 Apr 2021 19:36

Tgt Ion: 43 Resp: 56325  
Ion Ratio Lower Upper  
43 100  
58 38.4 28.0 42.0

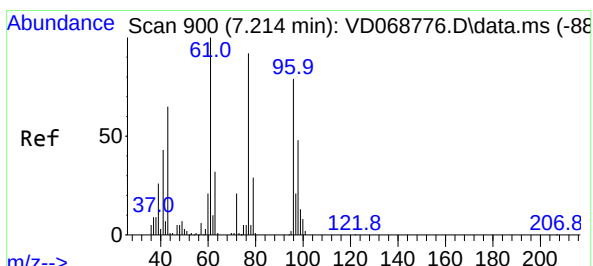
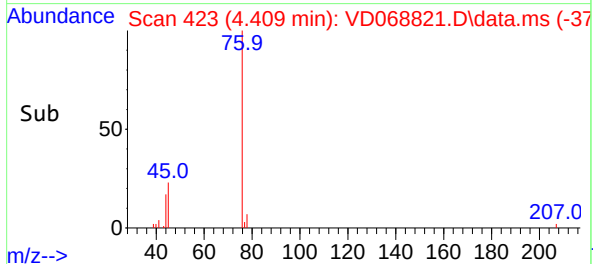
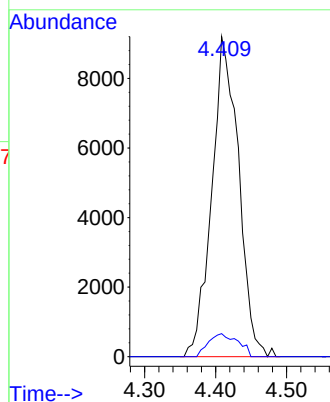
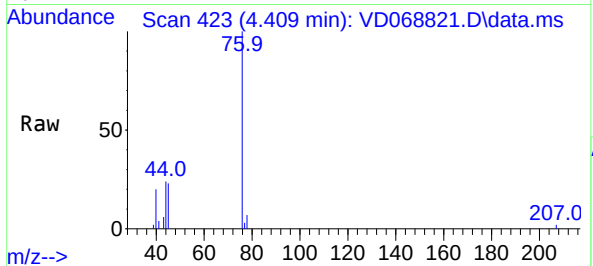




#17  
Carbon Disulfide  
Concen: 1.63 ug/l  
RT: 4.409 min Scan# 423  
Delta R.T. -0.005 min  
Lab File: VD068821.D  
Acq: 09 Apr 2021 19:36

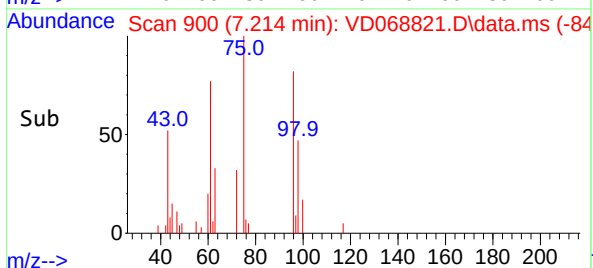
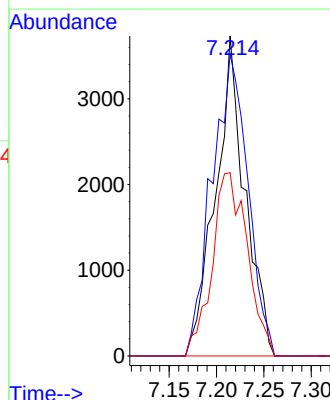
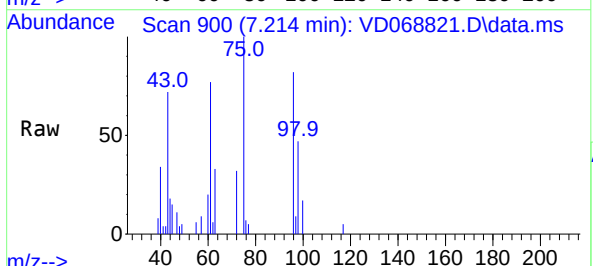
Instrument :  
MSVOA\_D  
ClientSampleID :  
SB-3D

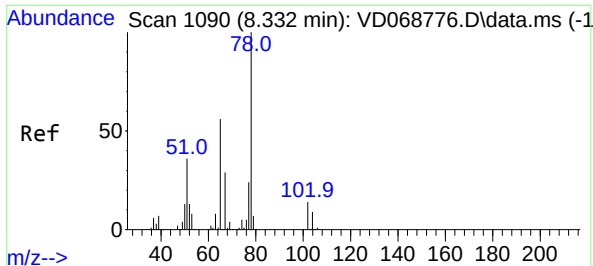
Tgt Ion: 76 Resp: 24126  
Ion Ratio Lower Upper  
76 100  
78 7.2 7.3 10.9#



#27  
cis-1,2-Dichloroethene  
Concen: 1.39 ug/l  
RT: 7.214 min Scan# 900  
Delta R.T. 0.000 min  
Lab File: VD068821.D  
Acq: 09 Apr 2021 19:36

Tgt Ion: 96 Resp: 8084  
Ion Ratio Lower Upper  
96 100  
61 114.5 0.0 258.8  
98 68.3 0.0 128.4

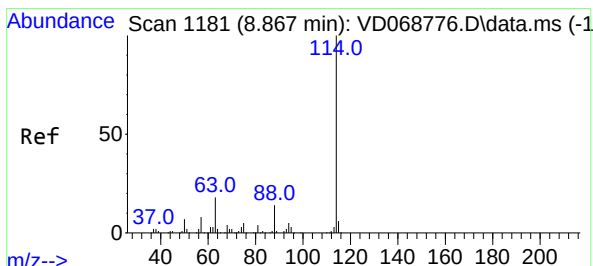
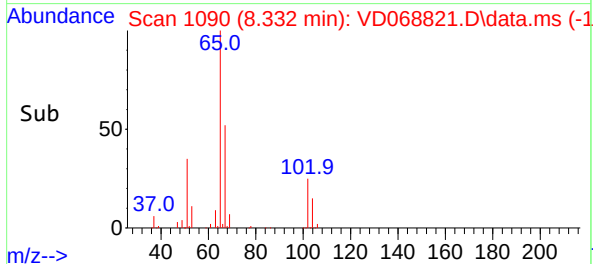
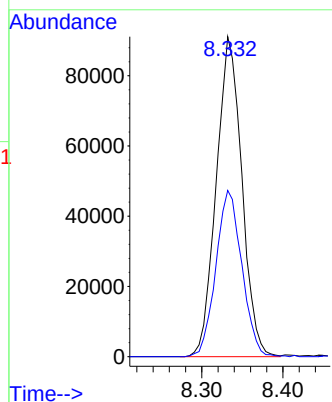
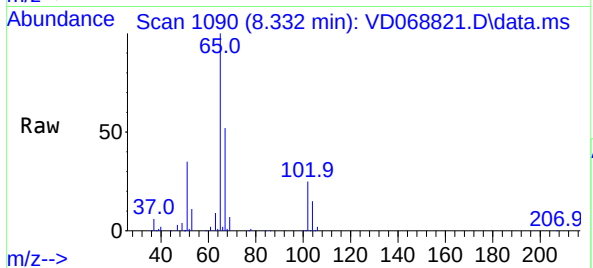




#33  
1,2-Dichloroethane-d4  
Concen: 41.35 ug/l  
RT: 8.332 min Scan# 1090  
Delta R.T. -0.000 min  
Lab File: VD068821.D  
Acq: 09 Apr 2021 19:36

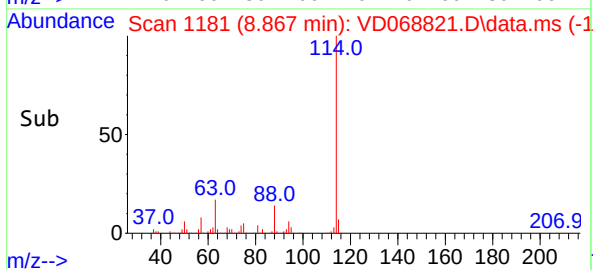
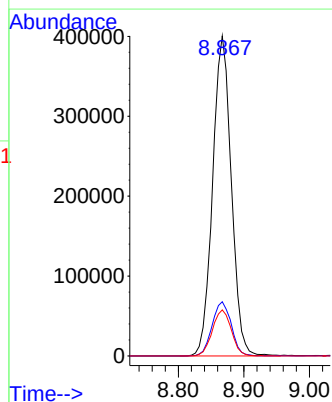
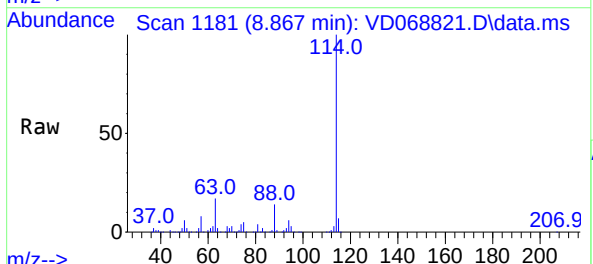
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-3D

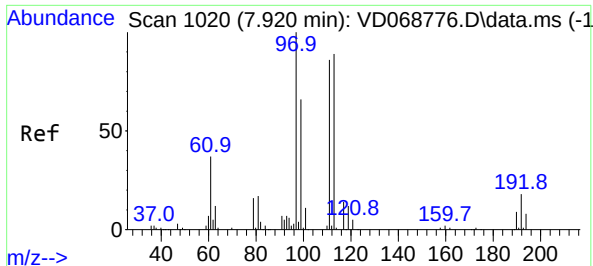
Tgt Ion: 65 Resp: 199558  
Ion Ratio Lower Upper  
65 100  
67 52.7 0.0 106.0



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.867 min Scan# 1181  
Delta R.T. 0.000 min  
Lab File: VD068821.D  
Acq: 09 Apr 2021 19:36

Tgt Ion: 114 Resp: 791600  
Ion Ratio Lower Upper  
114 100  
63 16.9 0.0 38.2  
88 14.4 0.0 29.4



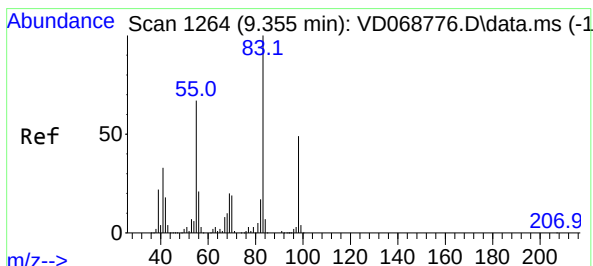
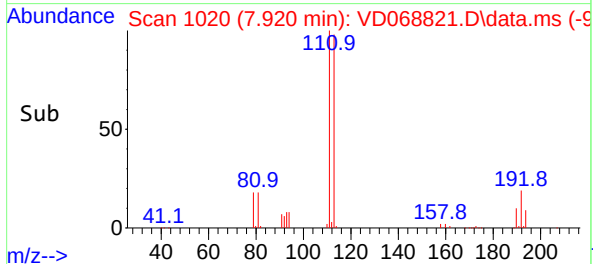
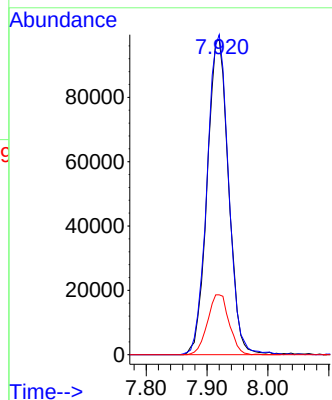
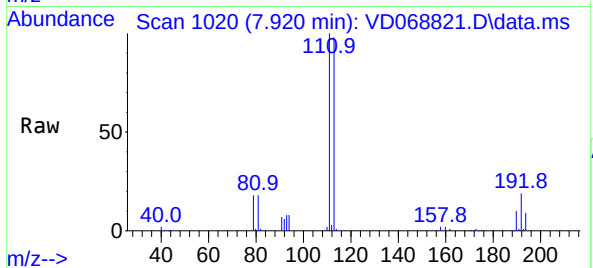


#35

Dibromofluoromethane  
Concen: 46.47 ug/l  
RT: 7.920 min Scan# 1020  
Delta R.T. 0.000 min  
Lab File: VD068821.D  
Acq: 09 Apr 2021 19:36

Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-3D

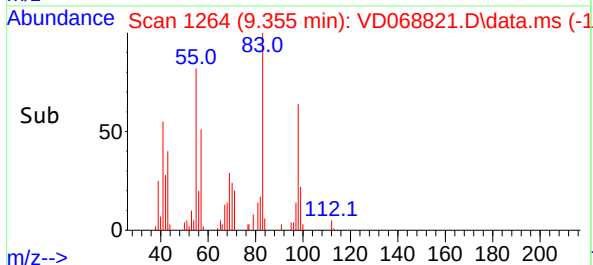
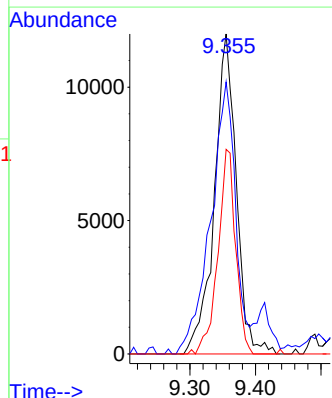
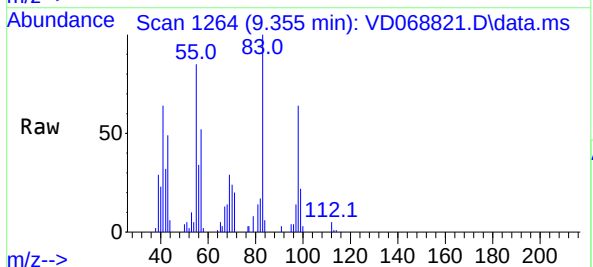
Tgt Ion:113 Resp: 239252  
Ion Ratio Lower Upper  
113 100  
111 102.2 82.5 123.7  
192 19.2 15.1 22.7

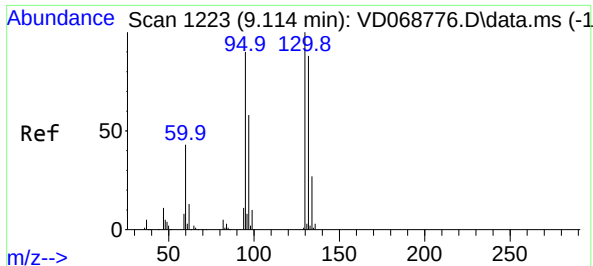


#39

Methylcyclohexane  
Concen: 2.99 ug/l  
RT: 9.355 min Scan# 1264  
Delta R.T. 0.000 min  
Lab File: VD068821.D  
Acq: 09 Apr 2021 19:36

Tgt Ion: 83 Resp: 27894  
Ion Ratio Lower Upper  
83 100  
55 83.3 51.7 77.5#  
98 63.9 38.8 58.2#

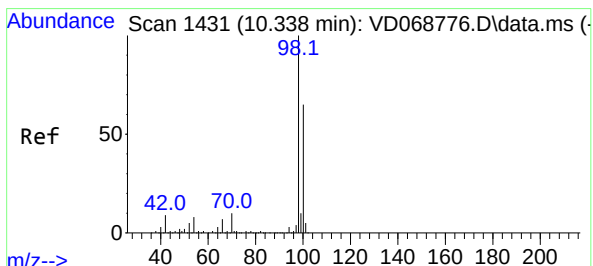
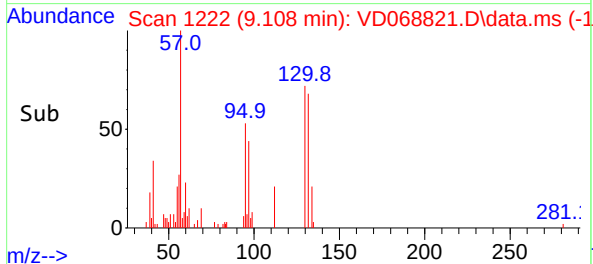
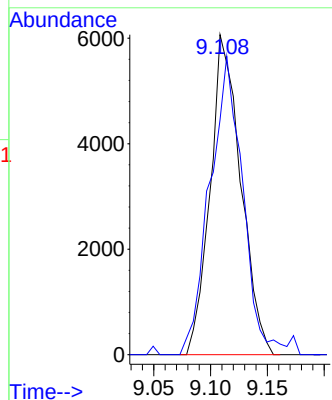
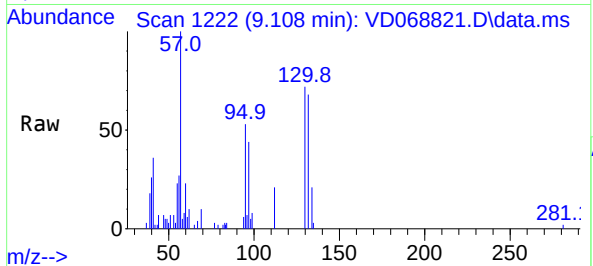




#44  
Trichloroethene  
Concen: 1.75 ug/l  
RT: 9.108 min Scan# 1222  
Delta R.T. -0.006 min  
Lab File: VD068821.D  
Acq: 09 Apr 2021 19:36

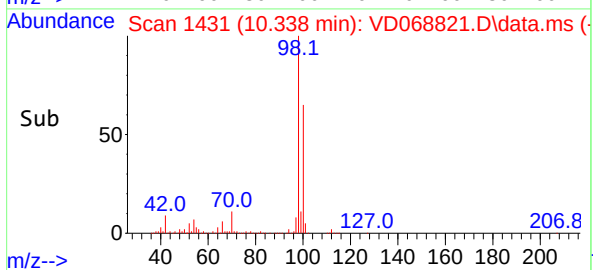
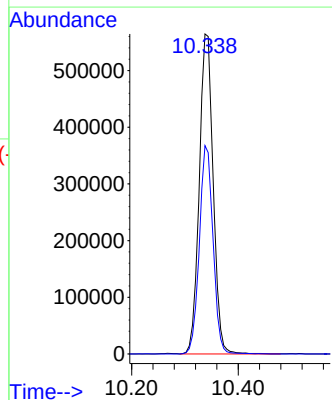
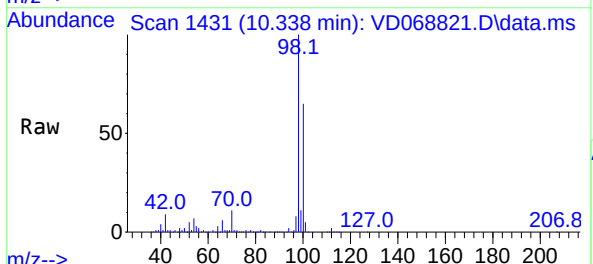
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-3D

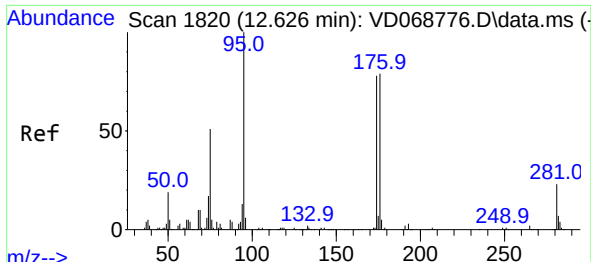
Tgt Ion:130 Resp: 11361  
Ion Ratio Lower Upper  
130 100  
95 73.4 0.0 203.8



#50  
Toluene-d8  
Concen: 52.72 ug/l  
RT: 10.338 min Scan# 1431  
Delta R.T. -0.000 min  
Lab File: VD068821.D  
Acq: 09 Apr 2021 19:36

Tgt Ion: 98 Resp: 1024023  
Ion Ratio Lower Upper  
98 100  
100 63.9 51.8 77.6

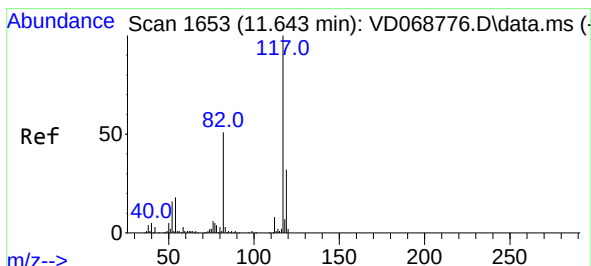
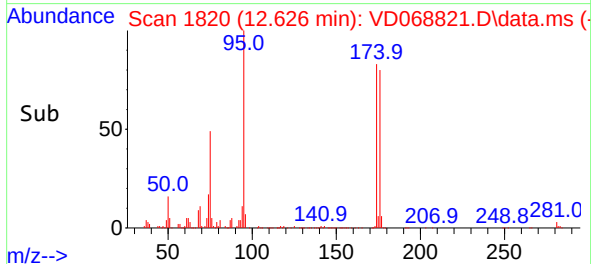
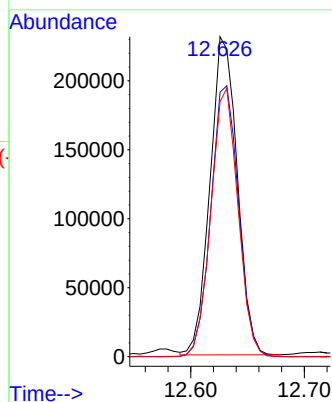
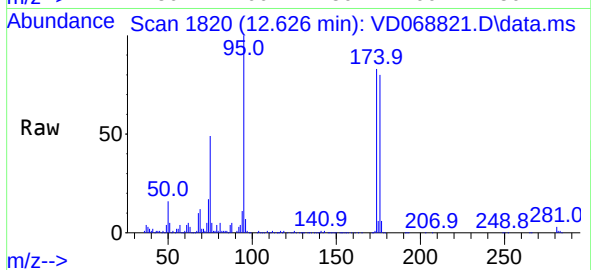




#62  
4-Bromofluorobenzene  
Concen: 59.48 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. -0.000 min  
Lab File: VD068821.D  
Acq: 09 Apr 2021 19:36

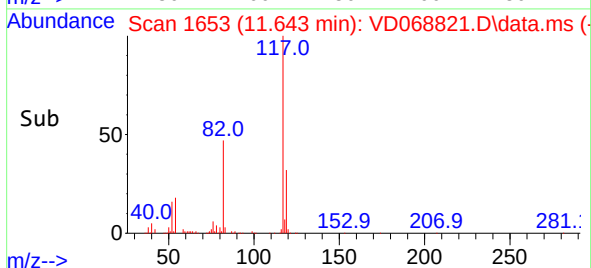
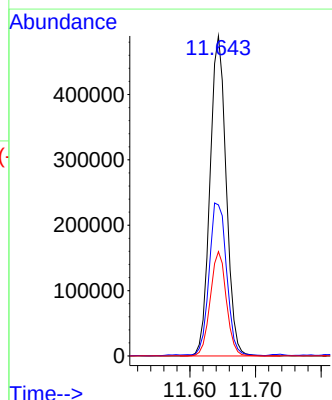
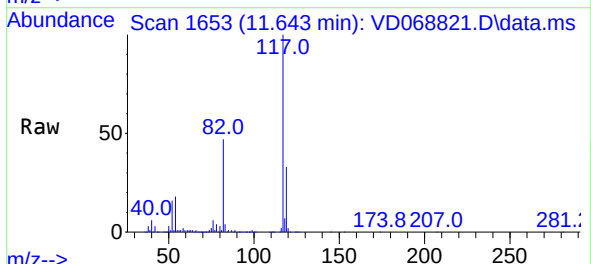
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-3D

Tgt Ion: 95 Resp: 383676  
Ion Ratio Lower Upper  
95 100  
174 86.7 0.0 168.0  
176 83.8 0.0 160.2

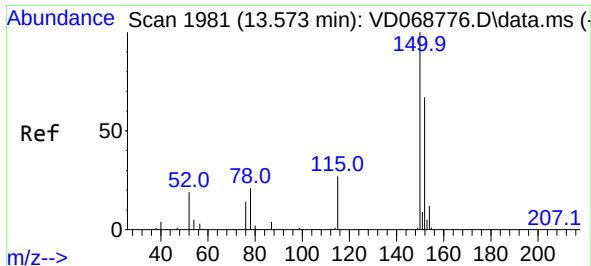


#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.643 min Scan# 1653  
Delta R.T. 0.000 min  
Lab File: VD068821.D  
Acq: 09 Apr 2021 19:36

Tgt Ion: 117 Resp: 840315  
Ion Ratio Lower Upper  
117 100  
82 46.9 43.5 65.3  
119 32.6 26.7 40.1

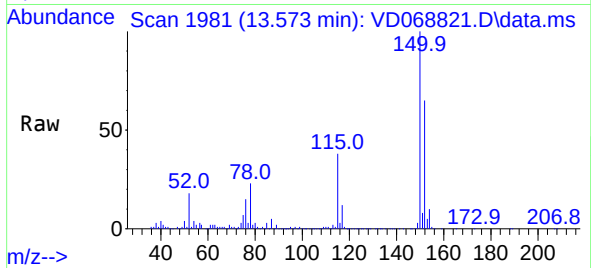






#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.573 min Scan# 1981  
Delta R.T. -0.000 min  
Lab File: VD068821.D  
Acq: 09 Apr 2021 19:36

Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-3D



Tgt Ion:152 Resp: 405367  
Ion Ratio Lower Upper  
152 100  
115 57.5 29.3 87.8  
150 156.6 0.0 347.6

