

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD092821\  
 Data File : VD070511.D  
 Acq On : 28 Sep 2021 19:17  
 Operator : VA/SY  
 Sample : M3938-05  
 Misc : 6.75G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 SUB-SLAB-08(6-8)

Quant Time: Sep 28 23:45:21 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D090821S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 09 03:07:09 2021  
 Response via : Initial Calibration

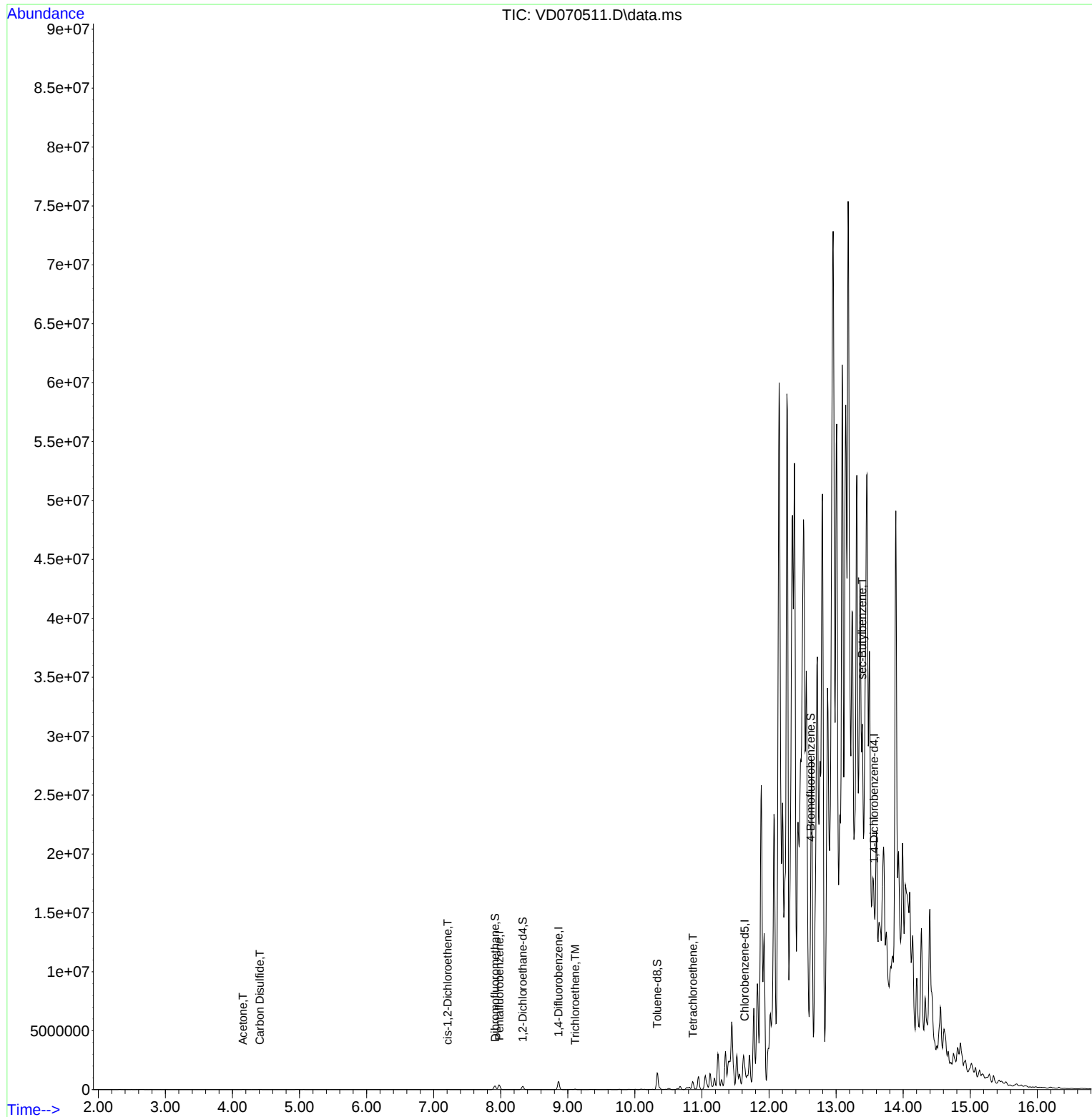
| Compound                    | R.T.   | QIon  | Response | Conc     | Units       | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------------|----------|
| -----                       |        |       |          |          |             |          |
| Internal Standards          |        |       |          |          |             |          |
| 1) Pentafluorobenzene       | 7.979  | 168   | 283686   | 50.000   | ug/l        | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.861  | 114   | 597629   | 50.000   | ug/l        | 0.00     |
| 63) Chlorobenzene-d5        | 11.638 | 117   | 715085   | 50.000   | ug/l        | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.567 | 152   | 784049   | 50.000   | ug/l        | # 0.00   |
|                             |        |       |          |          |             |          |
| System Monitoring Compounds |        |       |          |          |             |          |
| 33) 1,2-Dichloroethane-d4   | 8.326  | 65    | 217584   | 59.733   | ug/l        | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 119.460%  |          |
| 35) Dibromofluoromethane    | 7.914  | 113   | 228892   | 53.806   | ug/l        | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 107.620%  |          |
| 50) Toluene-d8              | 10.332 | 98    | 881230   | 57.055   | ug/l        | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 114.120%  |          |
| 62) 4-Bromofluorobenzene    | 12.620 | 95    | 1744413  | 323.165  | ug/l        | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 646.320%# |          |
|                             |        |       |          |          |             |          |
| Target Compounds            |        |       |          |          |             | Qvalue   |
| 16) Acetone                 | 4.156  | 43    | 15432    | 23.729   | ug/l        | # 85     |
| 17) Carbon Disulfide        | 4.409  | 76    | 27076    | 2.222    | ug/l        | 96       |
| 27) cis-1,2-Dichloroethene  | 7.209  | 96    | 11092    | 2.626    | ug/l        | 89       |
| 44) Trichloroethene         | 9.108  | 130   | 15381    | 3.438    | ug/l        | 83       |
| 64) Tetrachloroethene       | 10.867 | 164   | 67722    | 15.555   | ug/l        | 97       |
| 85) sec-Butylbenzene        | 13.391 | 105   | 1102326  | 18.221   | ug/l        | # 51     |
| -----                       |        |       |          |          |             |          |

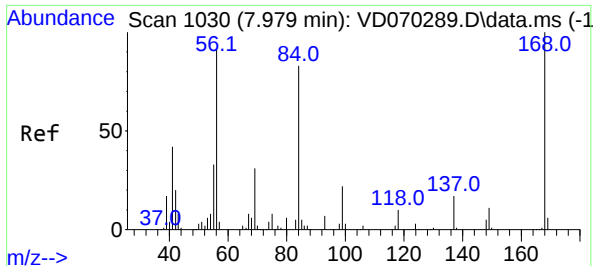
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD092821\  
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SUB-SLAB-08(6-8)

Quant Time: Sep 28 23:45:21 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D090821S.M  
Quant Title : SW846 8260  
QLast Update : Thu Sep 09 03:07:09 2021  
Response via : Initial Calibration

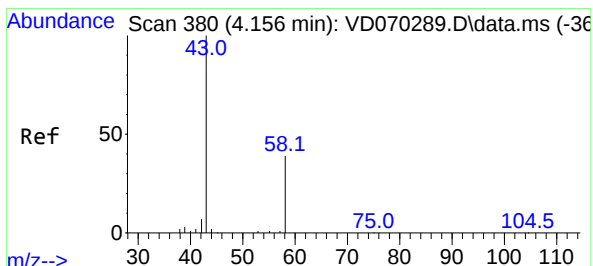
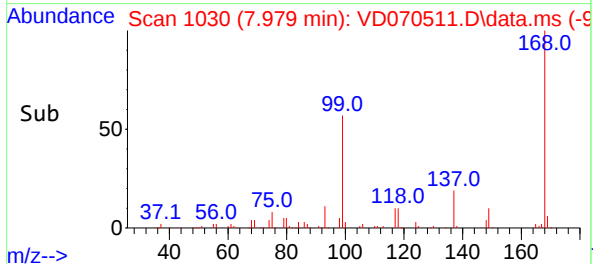
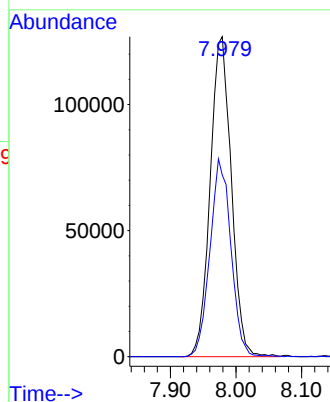
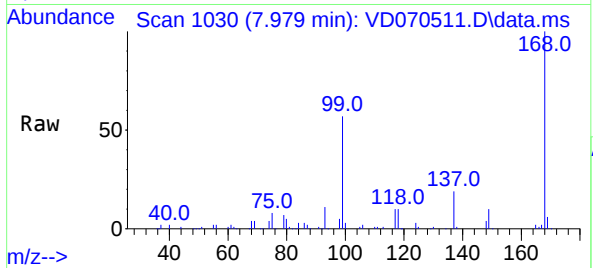




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. 0.000 min  
Lab File: VD070511.D  
Acq: 28 Sep 2021 19:17

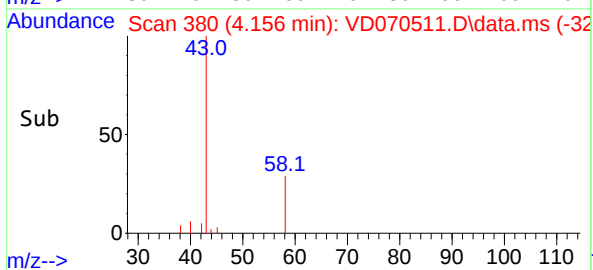
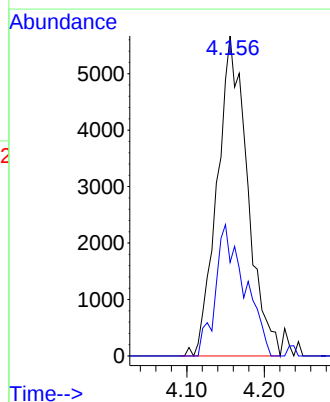
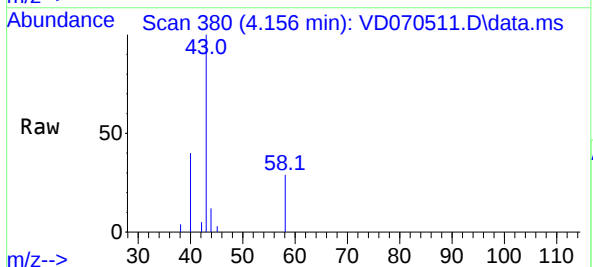
Instrument :  
MSVOA\_D  
ClientSampleId :  
SUB-SLAB-08(6-8)

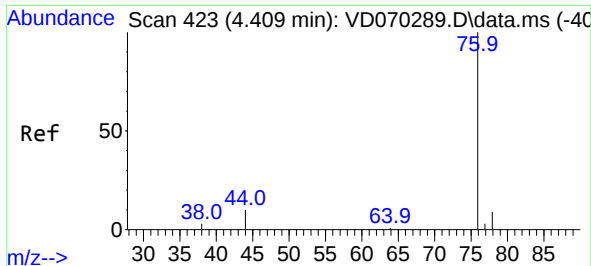
Tgt Ion:168 Resp: 283686  
Ion Ratio Lower Upper  
168 100  
99 56.7 50.8 76.2



#16  
Acetone  
Concen: 23.729 ug/l  
RT: 4.156 min Scan# 380  
Delta R.T. -0.000 min  
Lab File: VD070511.D  
Acq: 28 Sep 2021 19:17

Tgt Ion: 43 Resp: 15432  
Ion Ratio Lower Upper  
43 100  
58 29.3 30.9 46.3#

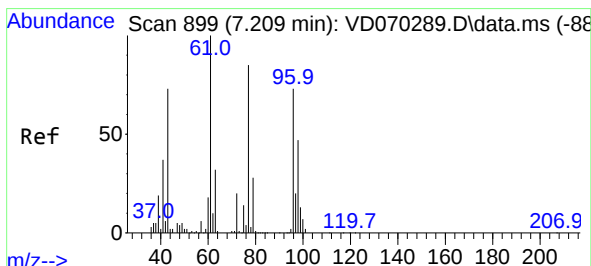
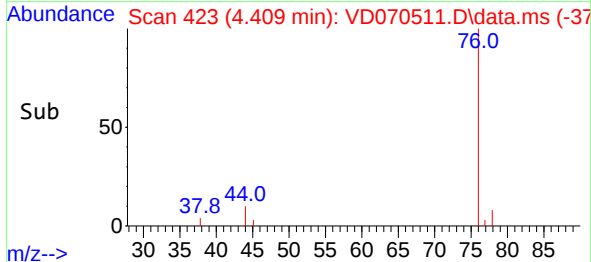
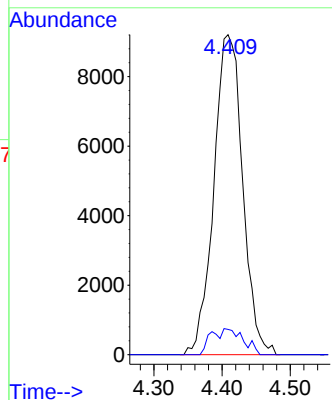
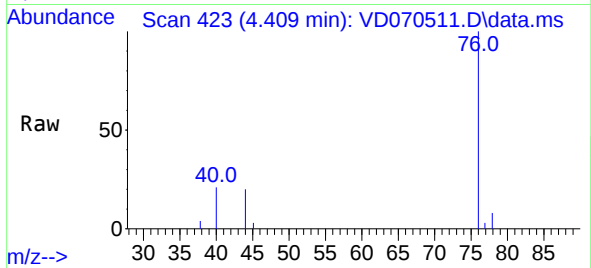




#17  
Carbon Disulfide  
Concen: 2.222 ug/l  
RT: 4.409 min Scan# 423  
Delta R.T. -0.000 min  
Lab File: VD070511.D  
Acq: 28 Sep 2021 19:17

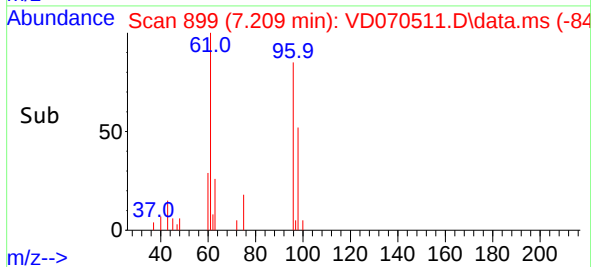
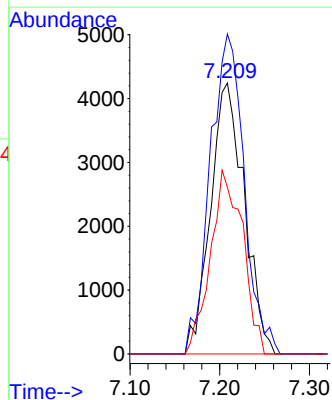
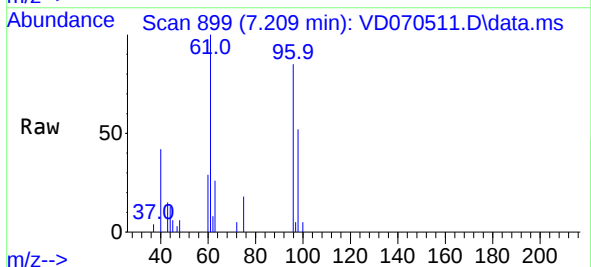
Instrument :  
MSVOA\_D  
ClientSampleId :  
SUB-SLAB-08(6-8)

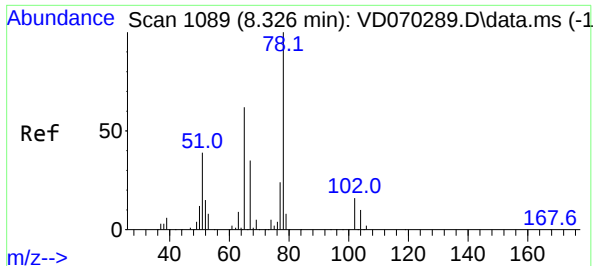
Tgt Ion: 76 Resp: 27076  
Ion Ratio Lower Upper  
76 100  
78 7.9 7.5 11.3



#27  
cis-1,2-Dichloroethene  
Concen: 2.626 ug/l  
RT: 7.209 min Scan# 899  
Delta R.T. -0.000 min  
Lab File: VD070511.D  
Acq: 28 Sep 2021 19:17

Tgt Ion: 96 Resp: 11092  
Ion Ratio Lower Upper  
96 100  
61 118.8 0.0 277.4  
98 64.8 0.0 130.0

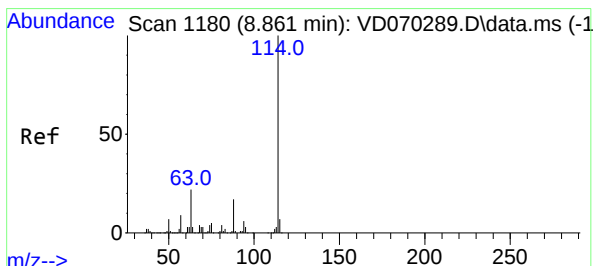
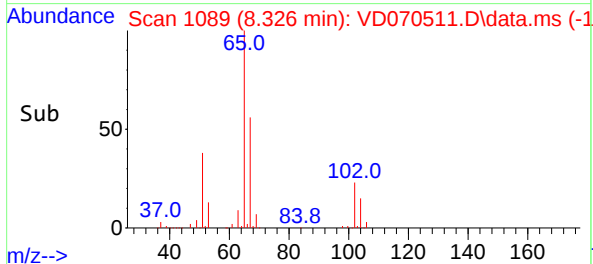
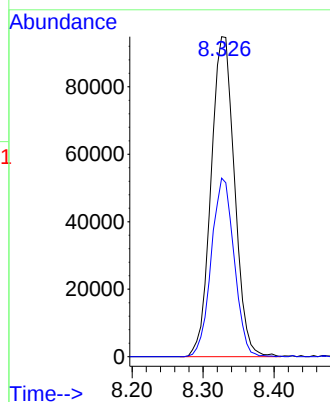
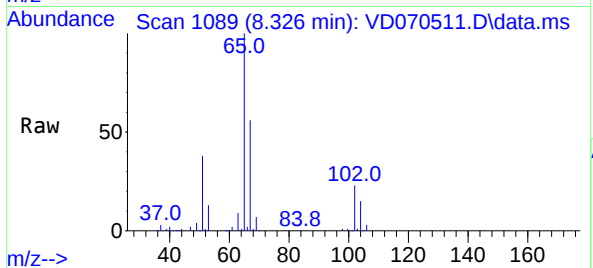




#33  
1,2-Dichloroethane-d4  
Concen: 59.733 ug/l  
RT: 8.326 min Scan# 1089  
Delta R.T. -0.000 min  
Lab File: VD070511.D  
Acq: 28 Sep 2021 19:17

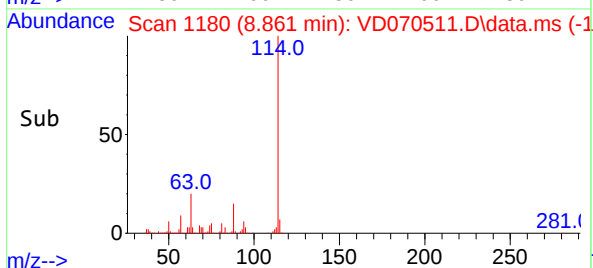
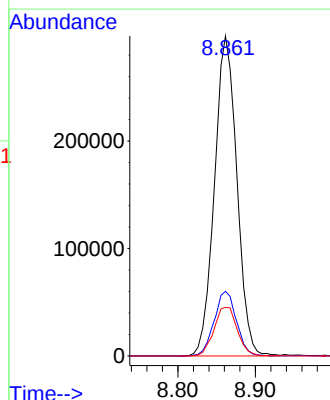
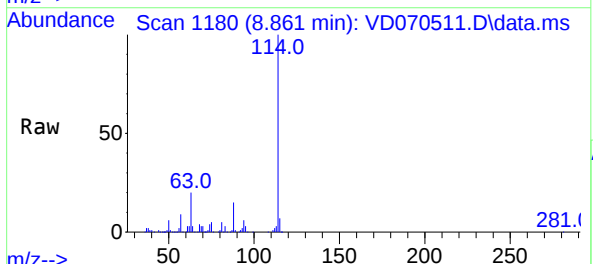
Instrument :  
MSVOA\_D  
ClientSampleId :  
SUB-SLAB-08(6-8)

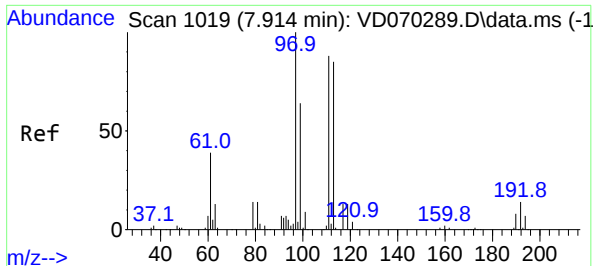
Tgt Ion: 65 Resp: 217584  
Ion Ratio Lower Upper  
65 100  
67 54.4 0.0 111.4



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.861 min Scan# 1180  
Delta R.T. -0.000 min  
Lab File: VD070511.D  
Acq: 28 Sep 2021 19:17

Tgt Ion:114 Resp: 597629  
Ion Ratio Lower Upper  
114 100  
63 20.2 0.0 43.4  
88 15.2 0.0 33.4



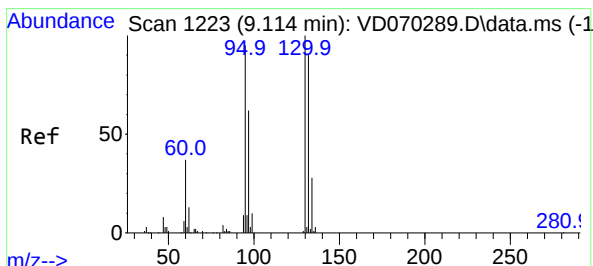
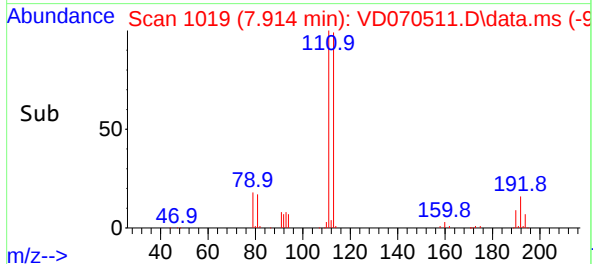
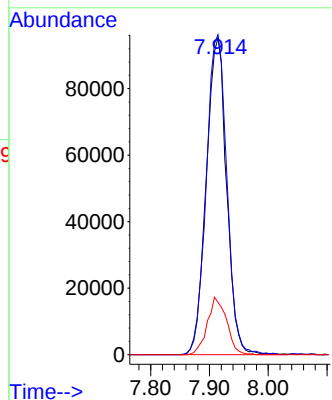
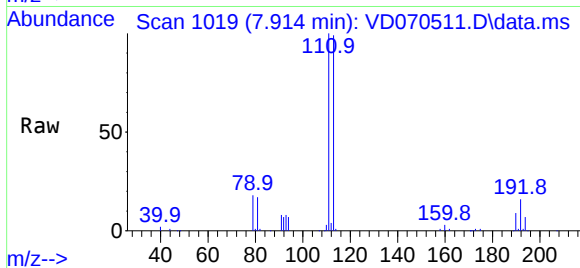


#35

Dibromofluoromethane  
Concen: 53.806 ug/l  
RT: 7.914 min Scan# 1019  
Delta R.T. -0.000 min  
Lab File: VD070511.D  
Acq: 28 Sep 2021 19:17

Instrument :  
MSVOA\_D  
ClientSampleId :  
SUB-SLAB-08(6-8)

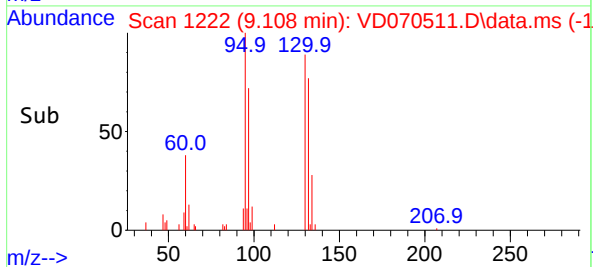
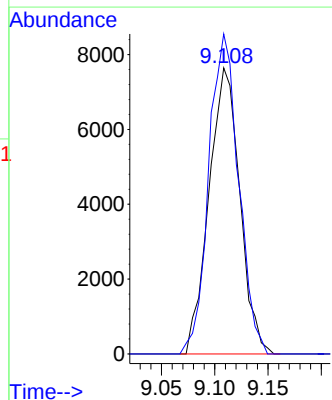
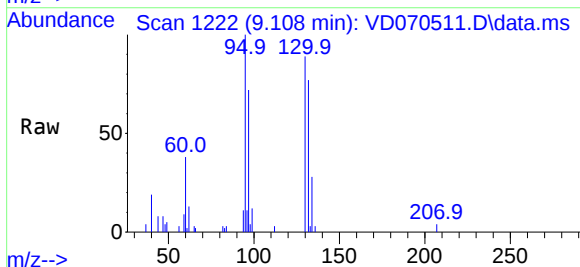
Tgt Ion:113 Resp: 228892  
Ion Ratio Lower Upper  
113 100  
111 102.5 81.4 122.2  
192 17.2 13.0 19.6

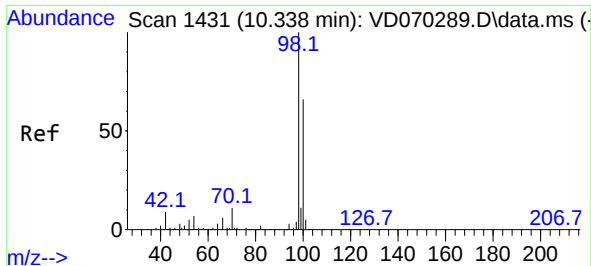


#44

Trichloroethene  
Concen: 3.438 ug/l  
RT: 9.108 min Scan# 1222  
Delta R.T. -0.006 min  
Lab File: VD070511.D  
Acq: 28 Sep 2021 19:17

Tgt Ion:130 Resp: 15381  
Ion Ratio Lower Upper  
130 100  
95 111.9 0.0 190.0

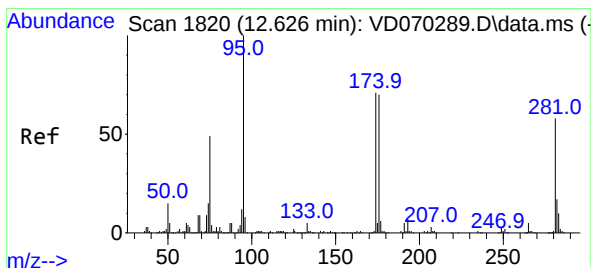
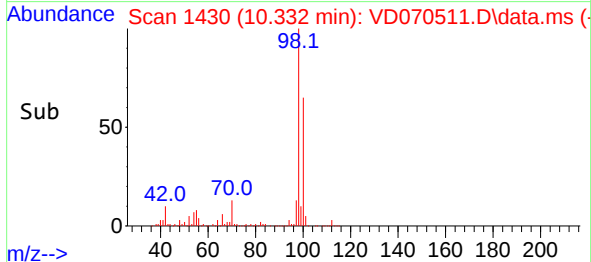
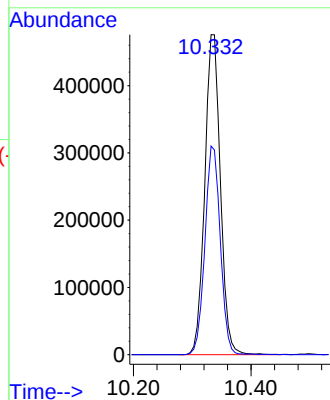
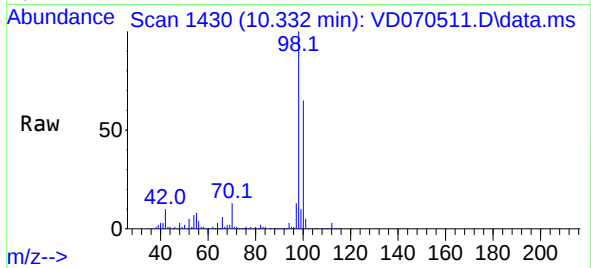




#50  
Toluene-d8  
Concen: 57.055 ug/l  
RT: 10.332 min Scan# 1430  
Delta R.T. -0.006 min  
Lab File: VD070511.D  
Acq: 28 Sep 2021 19:17

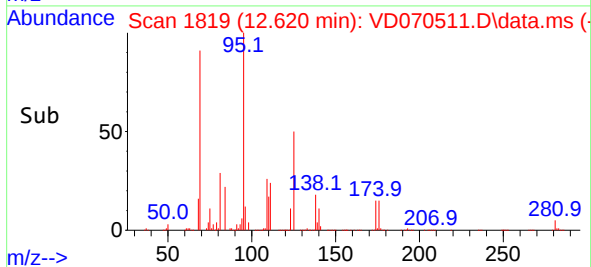
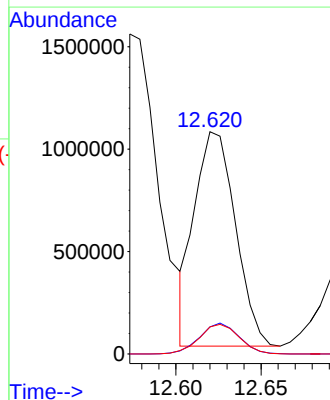
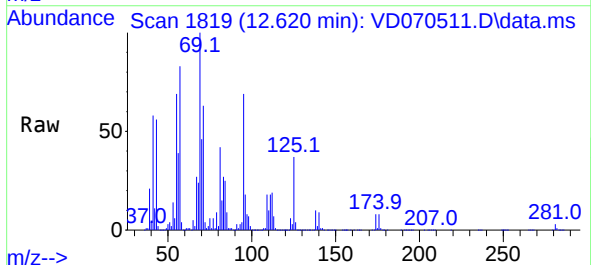
Instrument :  
MSVOA\_D  
ClientSampleId :  
SUB-SLAB-08(6-8)

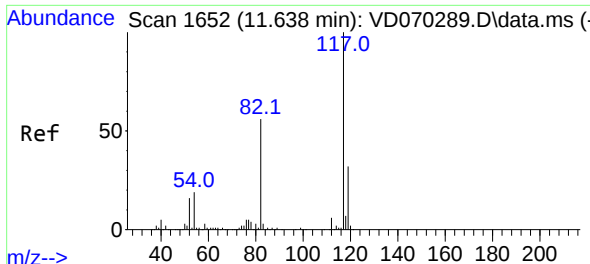
Tgt Ion: 98 Resp: 881230  
Ion Ratio Lower Upper  
98 100  
100 64.2 52.0 78.0



#62  
4-Bromofluorobenzene  
Concen: 323.165 ug/l  
RT: 12.620 min Scan# 1819  
Delta R.T. -0.006 min  
Lab File: VD070511.D  
Acq: 28 Sep 2021 19:17

Tgt Ion: 95 Resp: 1744413  
Ion Ratio Lower Upper  
95 100  
174 13.9 0.0 140.6  
176 13.6 0.0 137.4

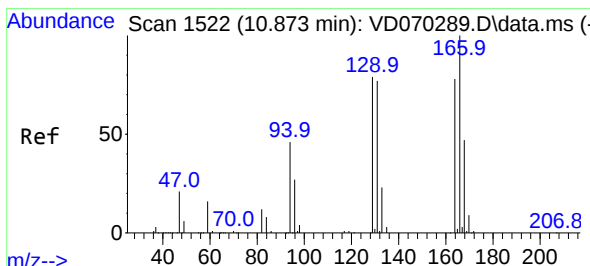
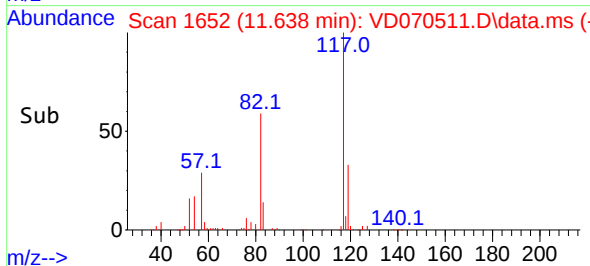
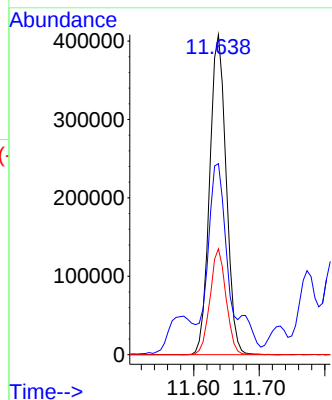
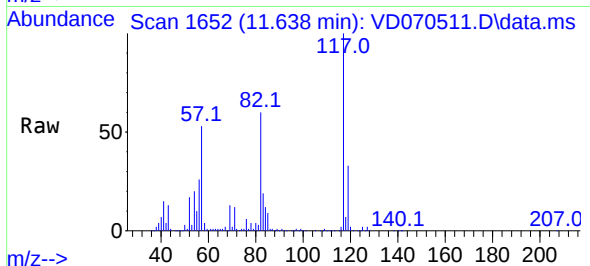




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 1652  
Delta R.T. -0.000 min  
Lab File: VD070511.D  
Acq: 28 Sep 2021 19:17

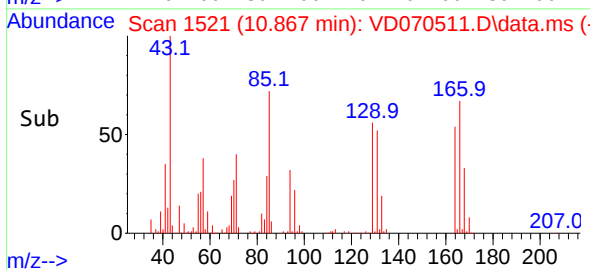
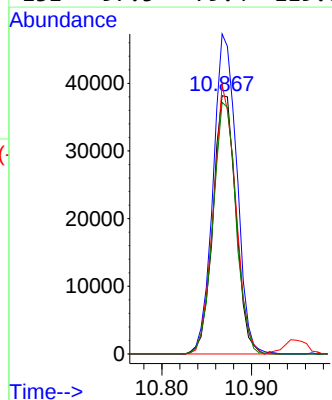
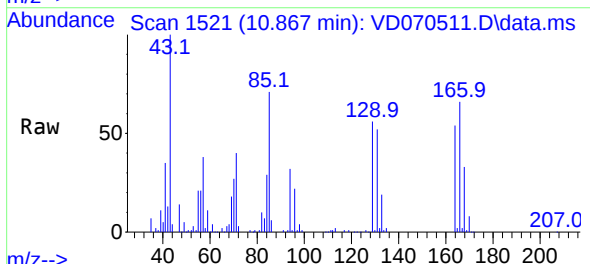
Instrument :  
MSVOA\_D  
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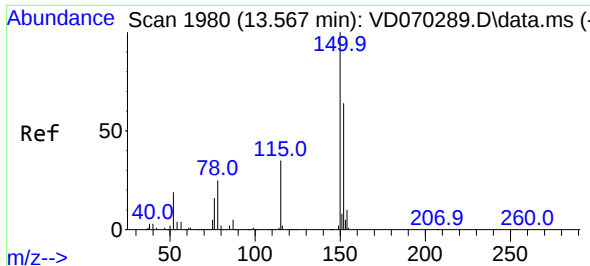
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 715085 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 50.7  | 45.0  | 67.4   |
| 119      | 33.1  | 25.2  | 37.8   |



#64  
Tetrachloroethene  
Concen: 15.555 ug/l  
RT: 10.867 min Scan# 1521  
Delta R.T. -0.006 min  
Lab File: VD070511.D  
Acq: 28 Sep 2021 19:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 67722 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 166      | 123.9 | 102.4 | 153.6 |
| 129      | 104.3 | 80.9  | 121.3 |
| 131      | 97.5  | 79.4  | 119.0 |

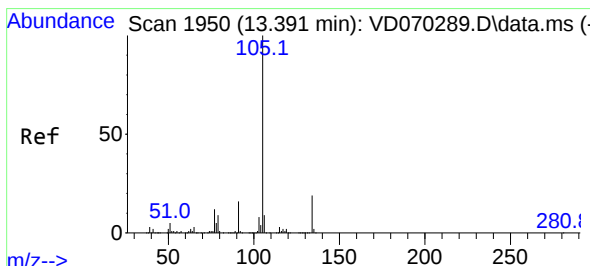
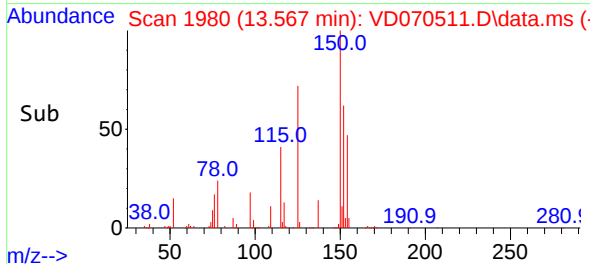
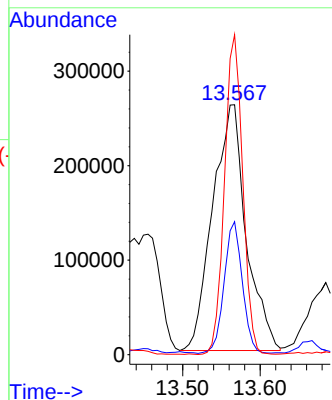
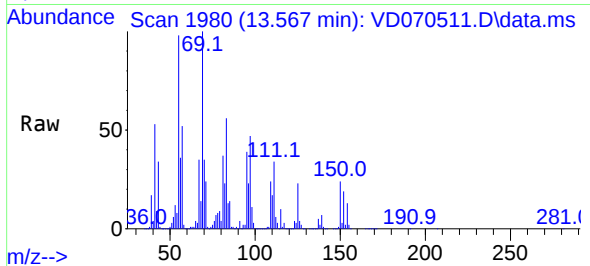




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.567 min Scan# 1980  
Delta R.T. -0.000 min  
Lab File: VD070511.D  
Acq: 28 Sep 2021 19:17

Instrument :  
MSVOA\_D  
ClientSampleId :  
SUB-SLAB-08(6-8)

Tgt Ion:152 Resp: 784049  
Ion Ratio Lower Upper  
152 100  
115 29.1 32.1 96.3#  
150 70.5 0.0 350.6



#85  
sec-Butylbenzene  
Concen: 18.221 ug/l  
RT: 13.391 min Scan# 1950  
Delta R.T. -0.000 min  
Lab File: VD070511.D  
Acq: 28 Sep 2021 19:17

Tgt Ion:105 Resp: 1102326  
Ion Ratio Lower Upper  
105 100  
134 41.6 9.8 29.3#

