

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD092721\  
 Data File : VD070481.D  
 Acq On : 27 Sep 2021 16:51  
 Operator : VA/SY  
 Sample : M3908-07  
 Misc : 6.48G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 SUB-SLAB-06-(6-8)

Quant Time: Sep 28 04:15:00 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

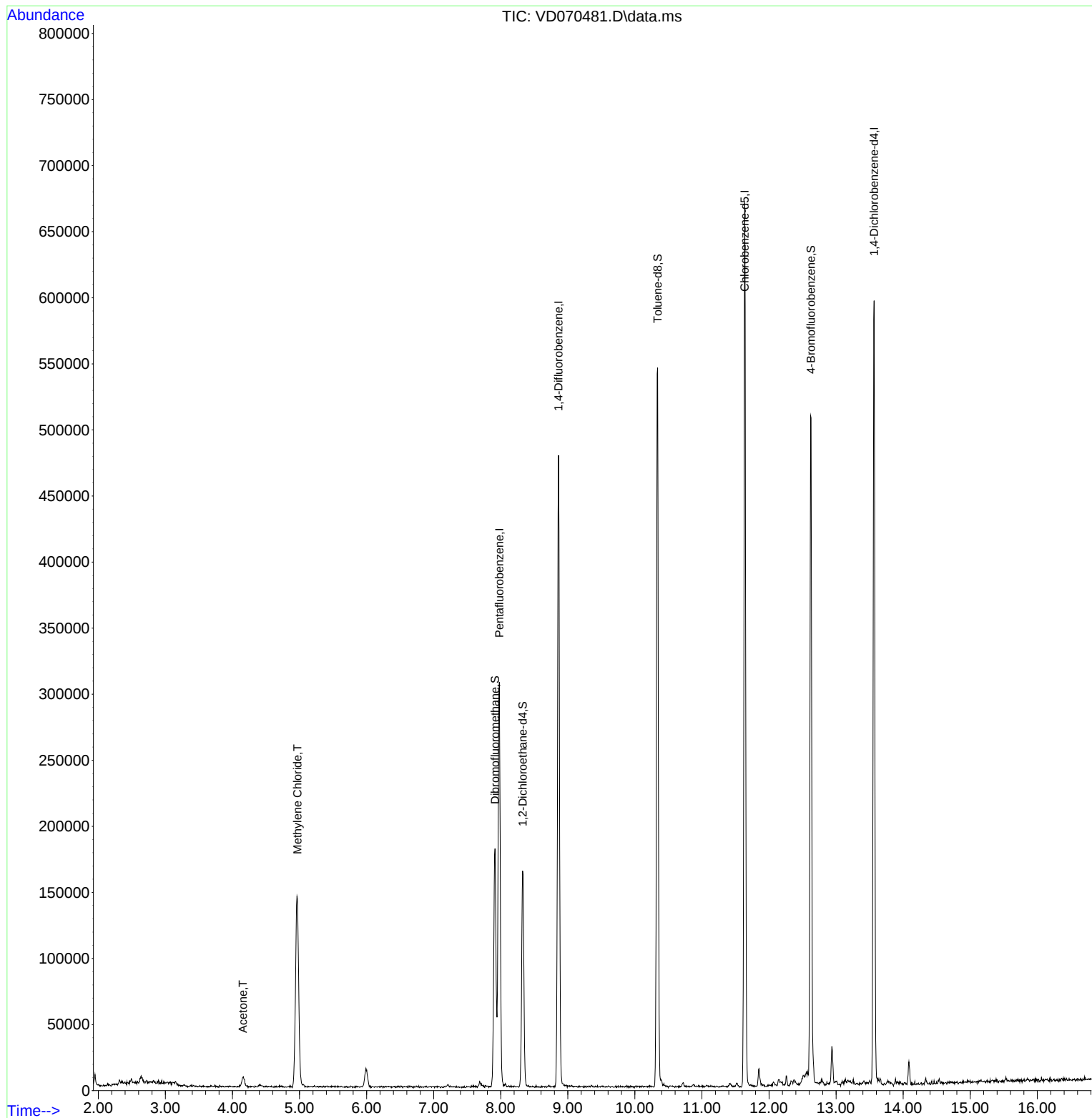
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 7.979  | 168   | 220704   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.861  | 114   | 410906   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.638 | 117   | 399912   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.567 | 152   | 163937   | 50.000   | ug/l  | 0.00     |
|                             |        |       |          |          |       |          |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.326  | 65    | 132593   | 46.788   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 93.580%  |
| 35) Dibromofluoromethane    | 7.914  | 113   | 136741   | 46.751   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 93.500%  |
| 50) Toluene-d8              | 10.338 | 98    | 396394   | 37.327   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =     | 74.660%  |
| 62) 4-Bromofluorobenzene    | 12.626 | 95    | 138090   | 37.207   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =     | 74.420%  |
|                             |        |       |          |          |       |          |
| Target Compounds            |        |       |          |          |       |          |
| 16) Acetone                 | 4.156  | 43    | 13021    | 25.736   | ug/l  | 89       |
| 20) Methylene Chloride      | 4.967  | 84    | 124278   | 37.622   | ug/l  | 94       |
| -----                       |        |       |          |          |       |          |

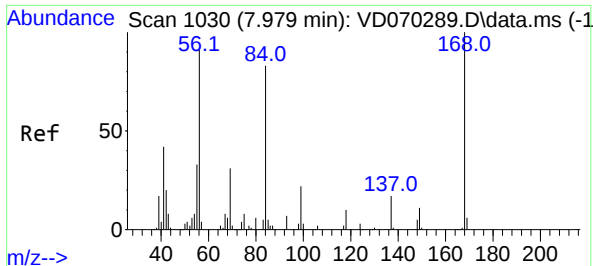
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SUB-SLAB-06-(6-8)

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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

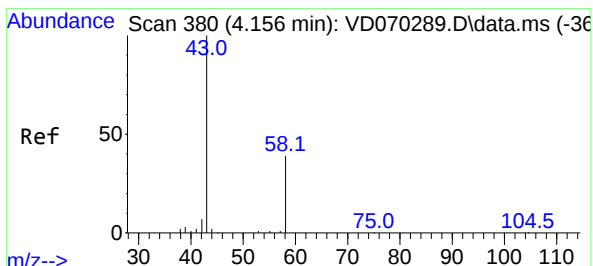
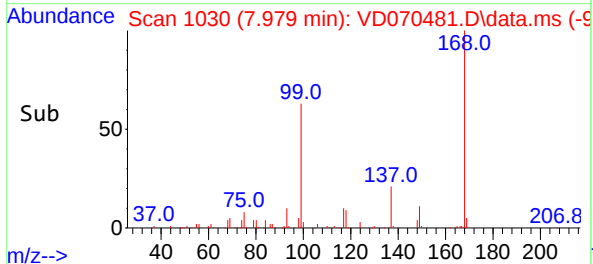
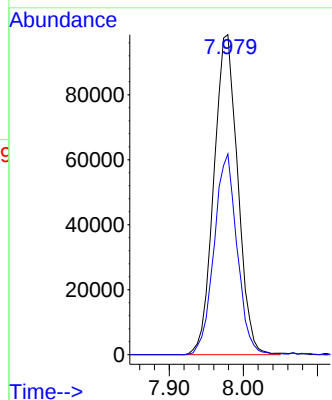
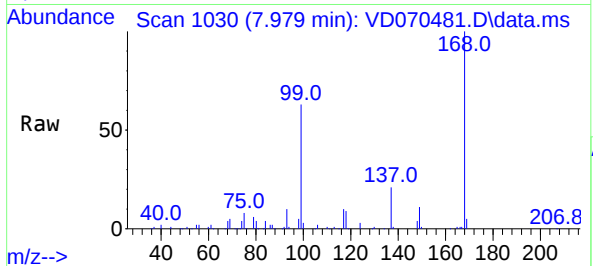




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. 0.000 min  
Lab File: VD070481.D  
Acq: 27 Sep 2021 16:51

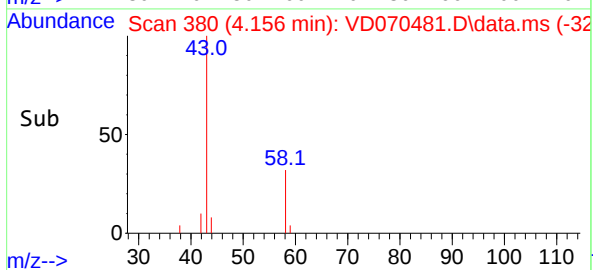
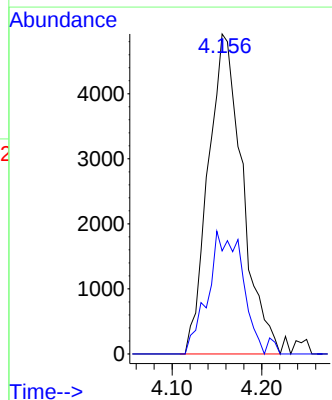
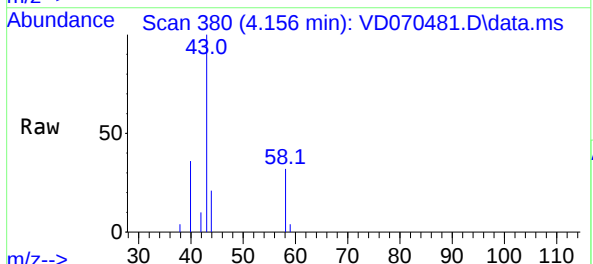
Instrument :  
MSVOA\_D  
ClientSampleId :  
SUB-SLAB-06-(6-8)

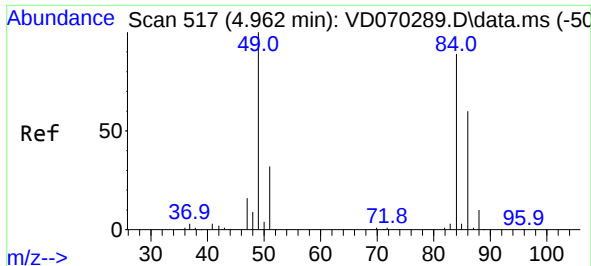
Tgt Ion:168 Resp: 220704  
Ion Ratio Lower Upper  
168 100  
99 62.7 50.8 76.2



#16  
Acetone  
Concen: 25.736 ug/l  
RT: 4.156 min Scan# 380  
Delta R.T. -0.000 min  
Lab File: VD070481.D  
Acq: 27 Sep 2021 16:51

Tgt Ion: 43 Resp: 13021  
Ion Ratio Lower Upper  
43 100  
58 32.2 30.9 46.3



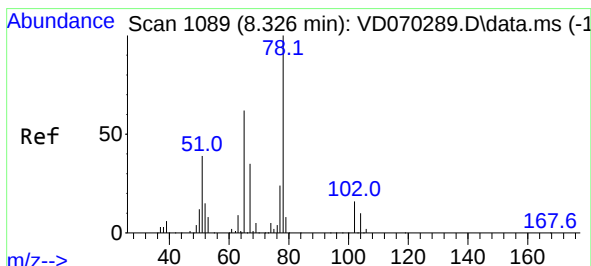
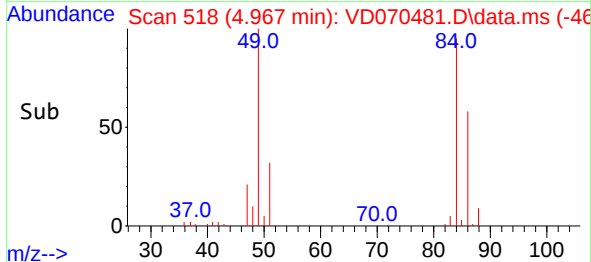
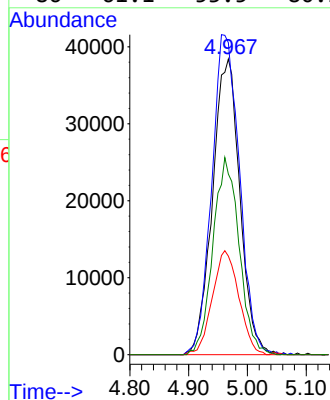
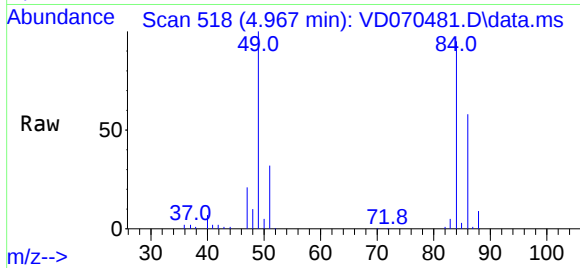


#20  
Methylene Chloride  
Concen: 37.622 ug/l  
RT: 4.967 min Scan# 518  
Delta R.T. 0.005 min  
Lab File: VD070481.D  
Acq: 27 Sep 2021 16:51

Instrument :  
MSVOA\_D  
ClientSampleId :  
SUB-SLAB-06-(6-8)

Tgt Ion: 84 Resp: 124278

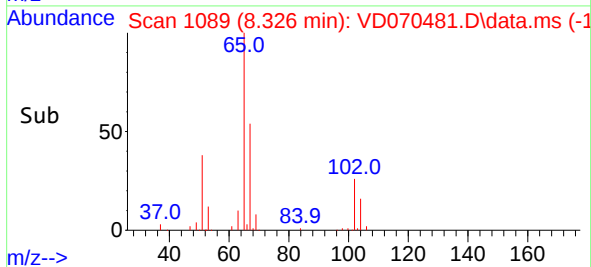
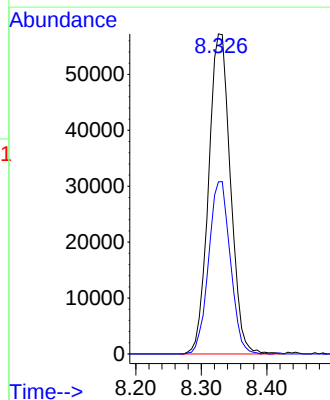
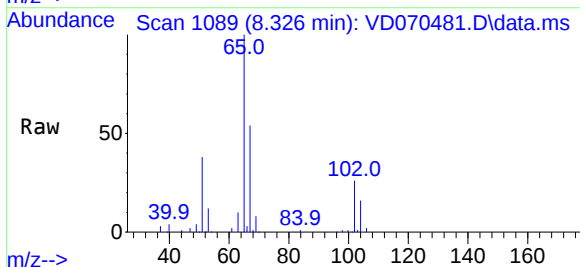
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 105.5 | 89.6  | 134.4 |
| 51  | 33.3  | 28.6  | 43.0  |
| 86  | 61.1  | 53.5  | 80.3  |

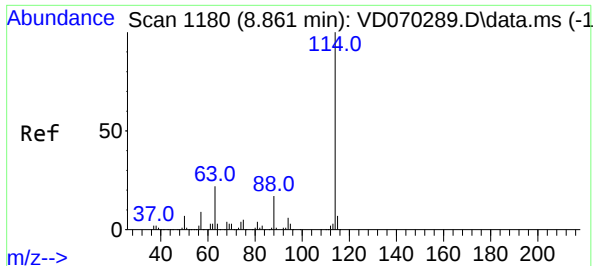


#33  
1,2-Dichloroethane-d4  
Concen: 46.788 ug/l  
RT: 8.326 min Scan# 1089  
Delta R.T. -0.000 min  
Lab File: VD070481.D  
Acq: 27 Sep 2021 16:51

Tgt Ion: 65 Resp: 132593

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 53.3  | 0.0   | 111.4 |



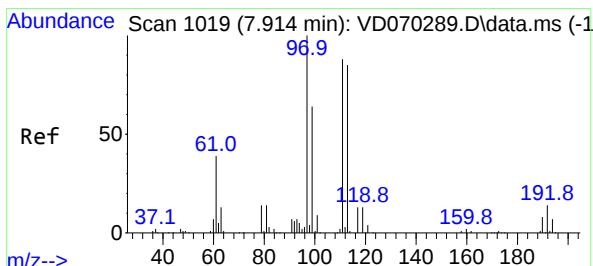
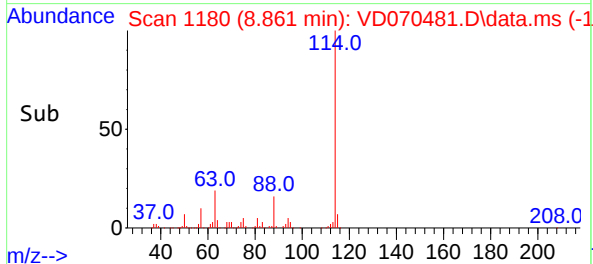
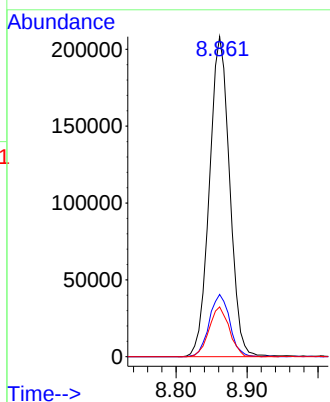
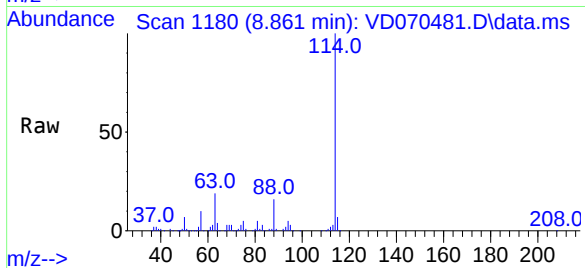


#34

1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.861 min Scan# 1180  
Delta R.T. -0.000 min  
Lab File: VD070481.D  
Acq: 27 Sep 2021 16:51

Instrument :  
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ClientSampleId :  
SUB-SLAB-06-(6-8)

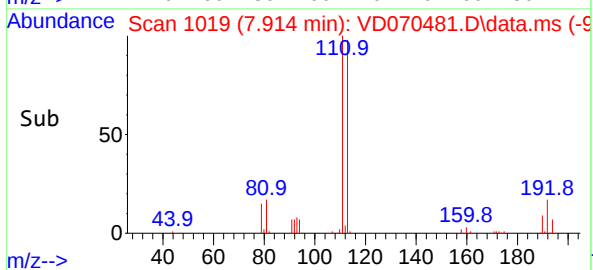
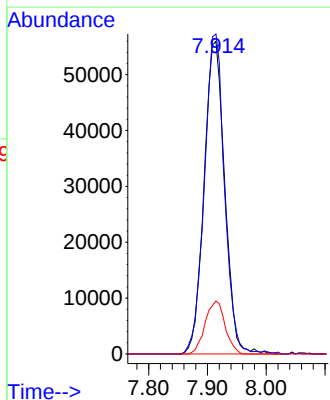
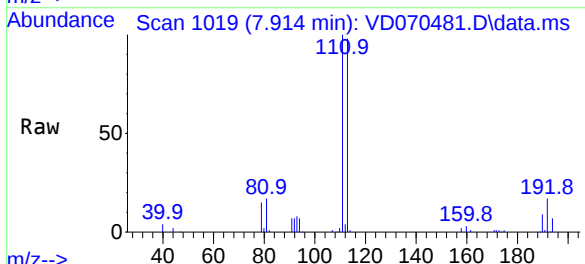
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 114   | Resp: | 410906 |
| Ion      | Ratio | Lower | Upper  |
| 114      | 100   |       |        |
| 63       | 19.4  | 0.0   | 43.4   |
| 88       | 15.5  | 0.0   | 33.4   |

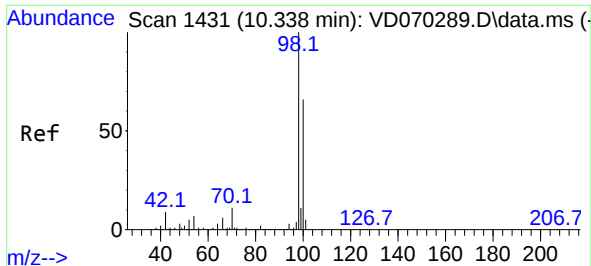


#35

Dibromofluoromethane  
Concen: 46.751 ug/l  
RT: 7.914 min Scan# 1019  
Delta R.T. -0.000 min  
Lab File: VD070481.D  
Acq: 27 Sep 2021 16:51

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 113   | Resp: | 136741 |
| Ion      | Ratio | Lower | Upper  |
| 113      | 100   |       |        |
| 111      | 99.6  | 81.4  | 122.2  |
| 192      | 16.3  | 13.0  | 19.6   |

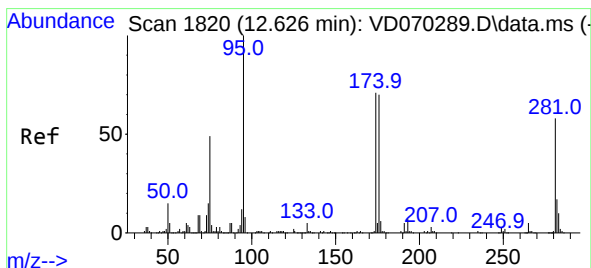
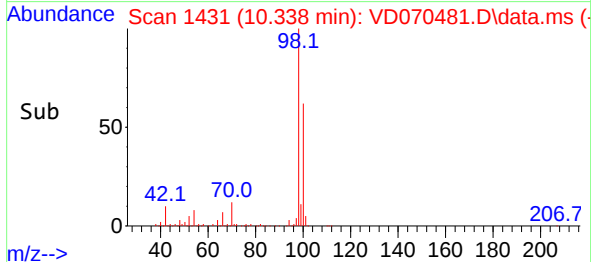
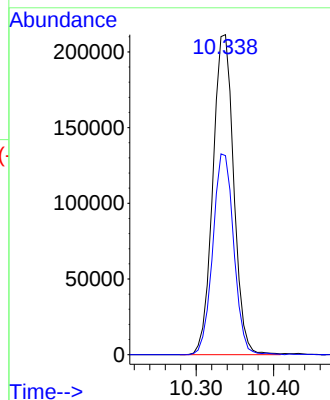
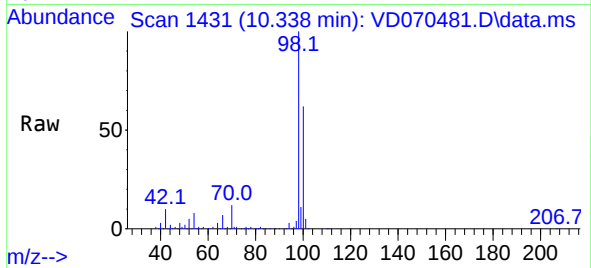




#50  
Toluene-d8  
Concen: 37.327 ug/l  
RT: 10.338 min Scan# 1431  
Delta R.T. -0.000 min  
Lab File: VD070481.D  
Acq: 27 Sep 2021 16:51

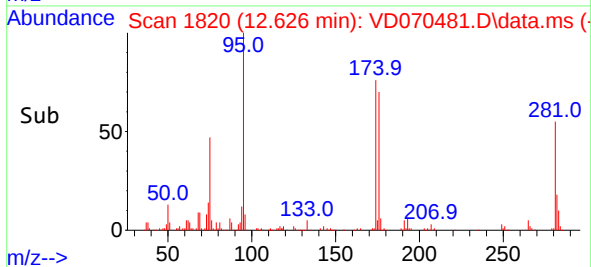
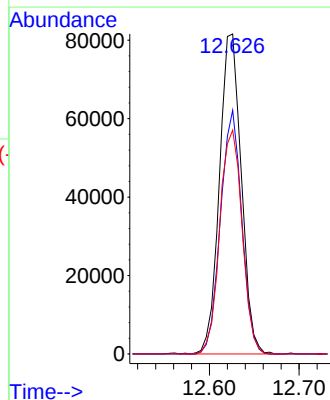
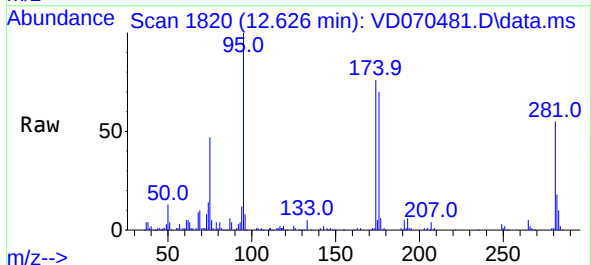
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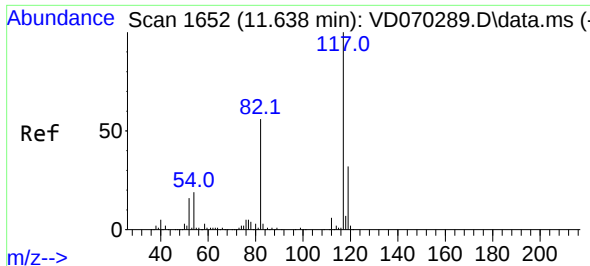
Tgt Ion: 98 Resp: 396394  
Ion Ratio Lower Upper  
98 100  
100 62.9 52.0 78.0



#62  
4-Bromofluorobenzene  
Concen: 37.207 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. -0.000 min  
Lab File: VD070481.D  
Acq: 27 Sep 2021 16:51

Tgt Ion: 95 Resp: 138090  
Ion Ratio Lower Upper  
95 100  
174 73.9 0.0 140.6  
176 71.3 0.0 137.4

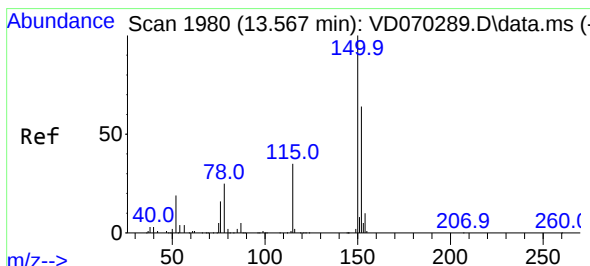
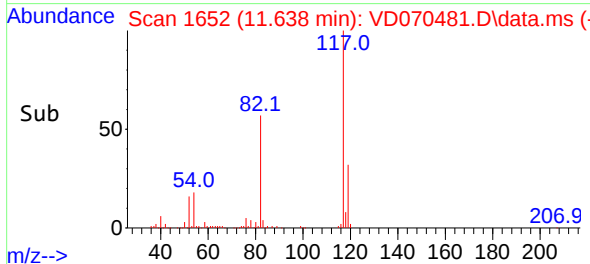
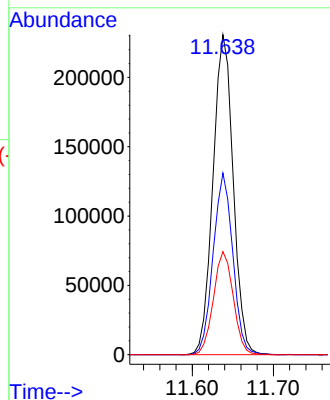
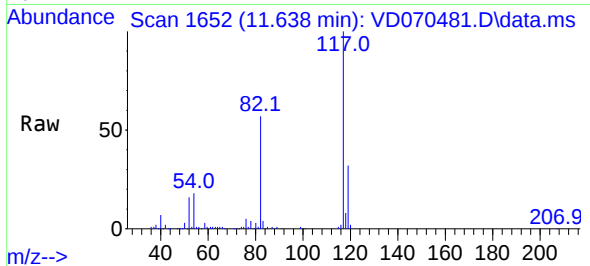




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 1652  
Delta R.T. -0.000 min  
Lab File: VD070481.D  
Acq: 27 Sep 2021 16:51

Instrument :  
MSVOA\_D  
ClientSampleId :  
SUB-SLAB-06-(6-8)

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 399912 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 56.7  | 45.0  | 67.4   |
| 119      | 32.2  | 25.2  | 37.8   |



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.567 min Scan# 1980  
Delta R.T. -0.000 min  
Lab File: VD070481.D  
Acq: 27 Sep 2021 16:51

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 152   | Resp: | 163937 |
| Ion      | Ratio | Lower | Upper  |
| 152      | 100   |       |        |
| 115      | 62.7  | 32.1  | 96.3   |
| 150      | 158.7 | 0.0   | 350.6  |

