

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY042021\  
 Data File : VY004532.D  
 Acq On : 20 Apr 2021 16:31  
 Operator : SY/MD  
 Sample : M2090-17  
 Misc : 6.62G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SEDGWICK-VOC-11

Quant Time: Apr 21 08:52:41 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y041221S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 13 03:38:02 2021  
 Response via : Initial Calibration

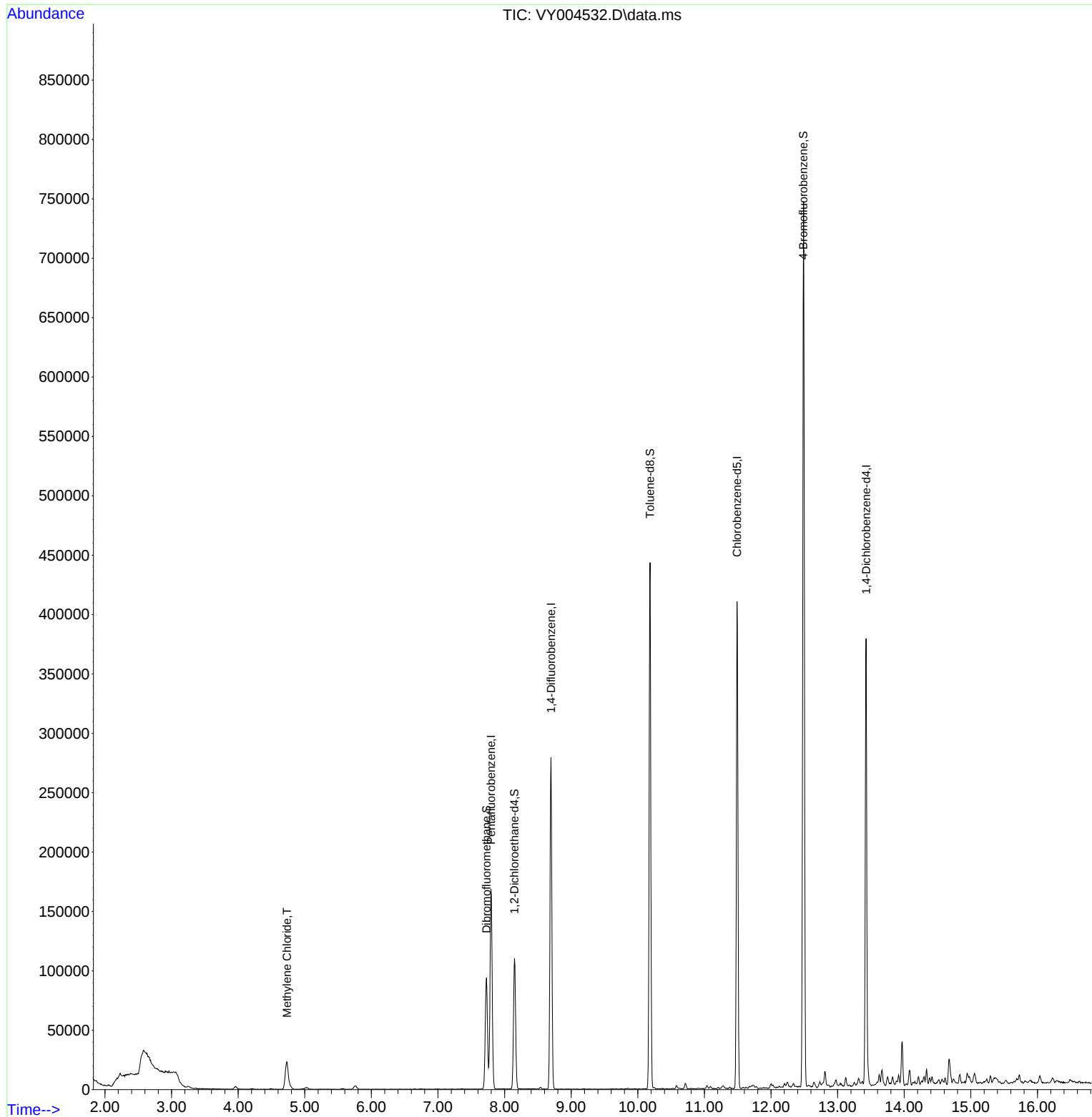
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|-------|-----------|
| -----                       |        |       |          |          |       |           |
| Internal Standards          |        |       |          |          |       |           |
| 1) Pentafluorobenzene       | 7.795  | 168   | 127256   | 50.00    | ug/l  | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.697  | 114   | 223905   | 50.00    | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 11.490 | 117   | 209969   | 50.00    | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.428 | 152   | 91116    | 50.00    | ug/l  | 0.00      |
|                             |        |       |          |          |       |           |
| System Monitoring Compounds |        |       |          |          |       |           |
| 33) 1,2-Dichloroethane-d4   | 8.149  | 65    | 84630    | 59.86    | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 119.72%   |
| 35) Dibromofluoromethane    | 7.728  | 113   | 65269    | 52.53    | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 105.06%   |
| 50) Toluene-d8              | 10.185 | 98    | 276643   | 52.34    | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =     | 104.68%   |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 95816    | 53.42    | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =     | 106.84%   |
|                             |        |       |          |          |       |           |
| Target Compounds            |        |       |          |          |       |           |
| 20) Methylene Chloride      | 4.735  | 84    | 16268    | 11.91    | ug/l  | Qvalue 92 |
| -----                       |        |       |          |          |       |           |

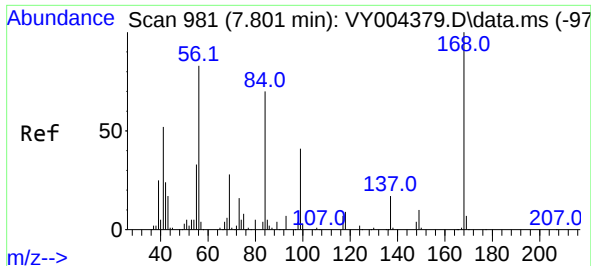
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SEDGWICK-VOC-11

Quant Time: Apr 21 08:52:41 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y041221S.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 13 03:38:02 2021  
Response via : Initial Calibration

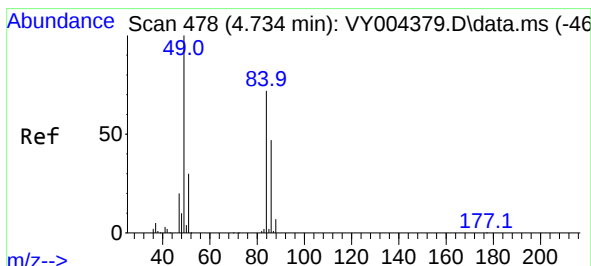
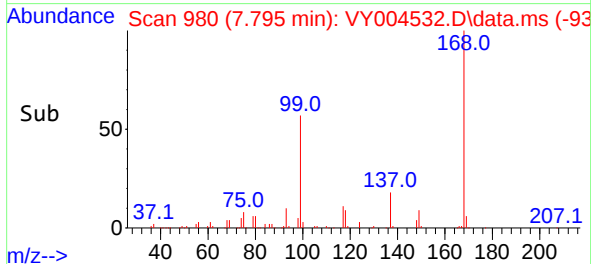
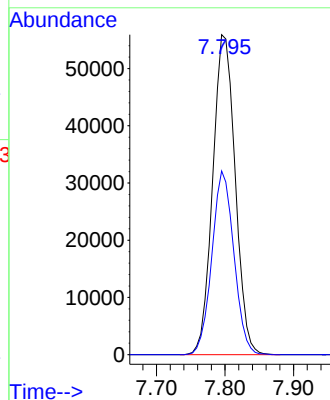
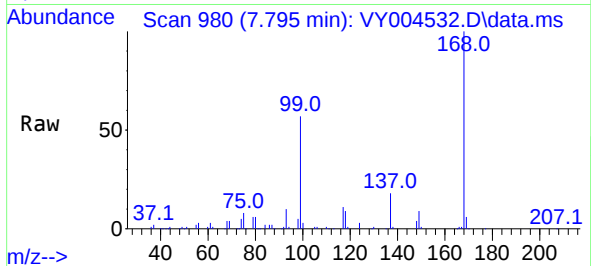




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. -0.006 min  
Lab File: VY004532.D  
Acq: 20 Apr 2021 16:31

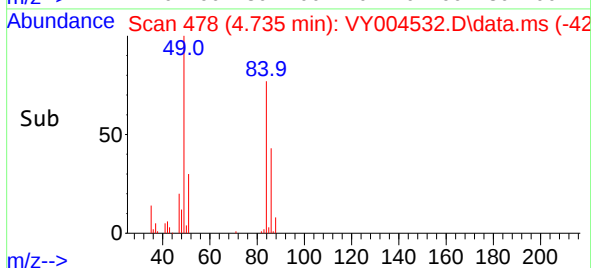
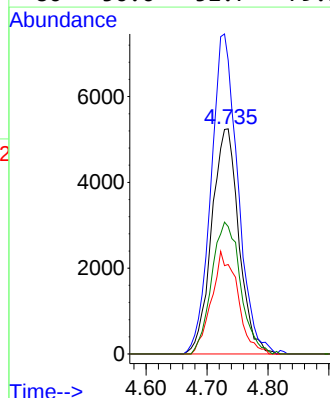
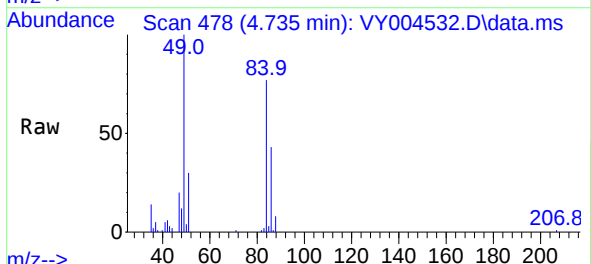
Instrument :  
MSVOA\_Y  
ClientSampleId :  
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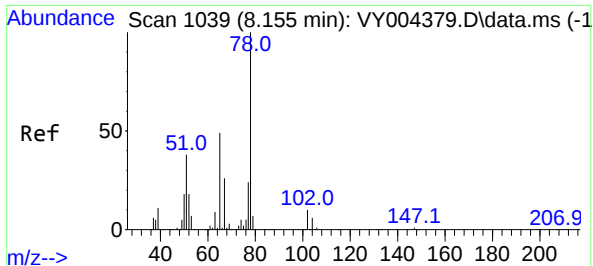
Tgt Ion:168 Resp: 127256  
Ion Ratio Lower Upper  
168 100  
99 57.4 45.5 68.3



#20  
Methylene Chloride  
Concen: 11.91 ug/l  
RT: 4.735 min Scan# 478  
Delta R.T. 0.000 min  
Lab File: VY004532.D  
Acq: 20 Apr 2021 16:31

Tgt Ion: 84 Resp: 16268  
Ion Ratio Lower Upper  
84 100  
49 130.4 111.2 166.8  
51 39.7 33.4 50.2  
86 56.6 52.7 79.1

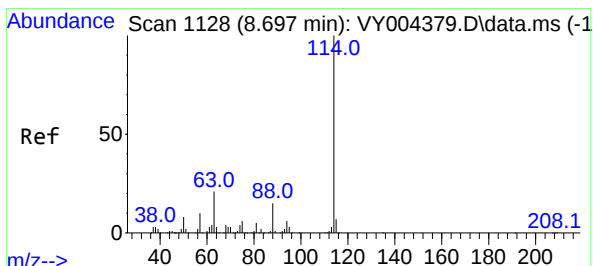
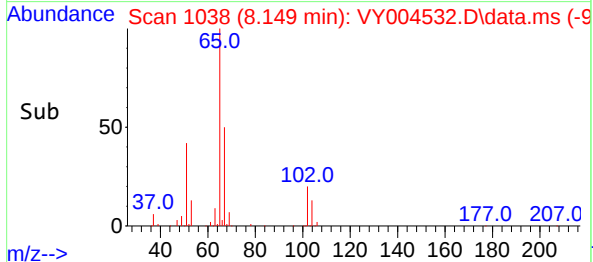
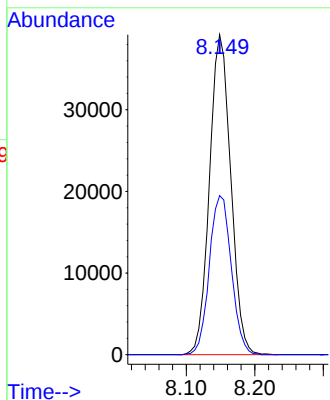
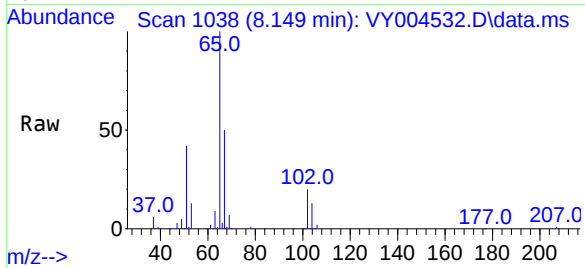




#33  
1,2-Dichloroethane-d4  
Concen: 59.86 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. -0.006 min  
Lab File: VY004532.D  
Acq: 20 Apr 2021 16:31

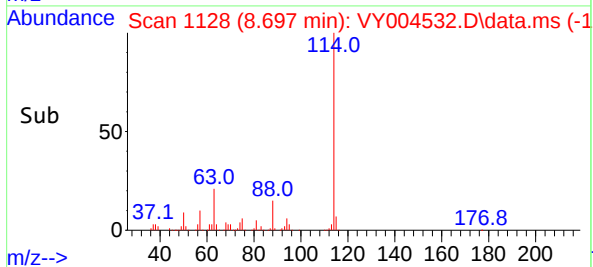
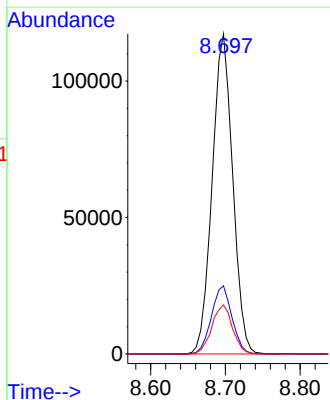
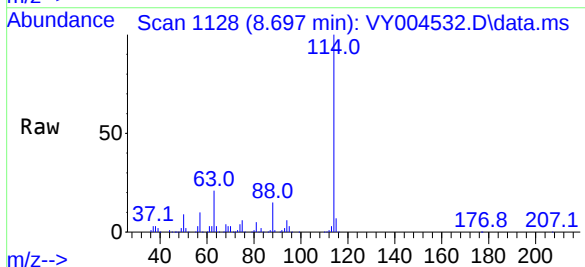
Instrument :  
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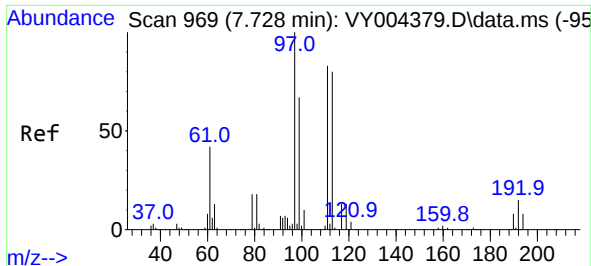
Tgt Ion: 65 Resp: 84630  
Ion Ratio Lower Upper  
65 100  
67 51.3 0.0 106.4



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. 0.000 min  
Lab File: VY004532.D  
Acq: 20 Apr 2021 16:31

Tgt Ion:114 Resp: 223905  
Ion Ratio Lower Upper  
114 100  
63 21.3 0.0 42.4  
88 15.3 0.0 30.8

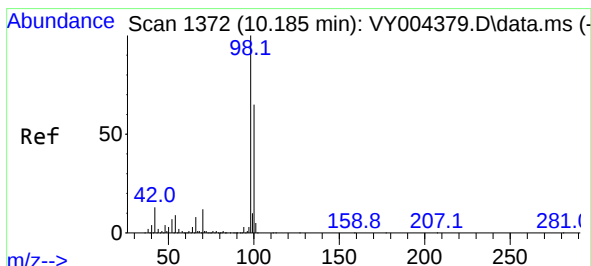
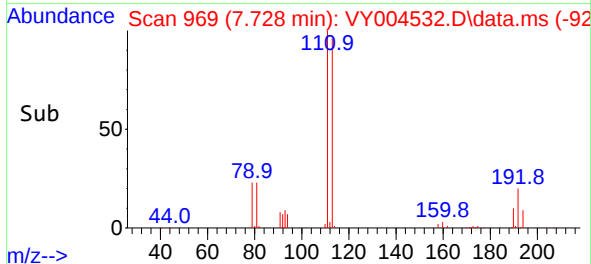
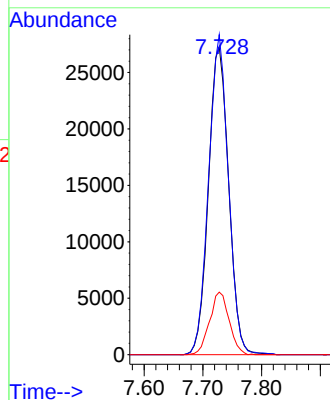
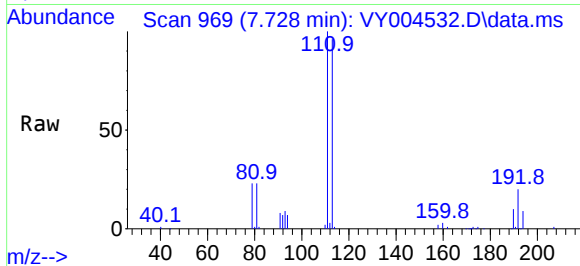




#35  
Dibromofluoromethane  
Concen: 52.53 ug/l  
RT: 7.728 min Scan# 969  
Delta R.T. 0.000 min  
Lab File: VY004532.D  
Acq: 20 Apr 2021 16:31

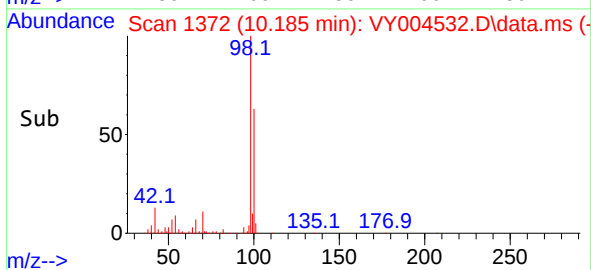
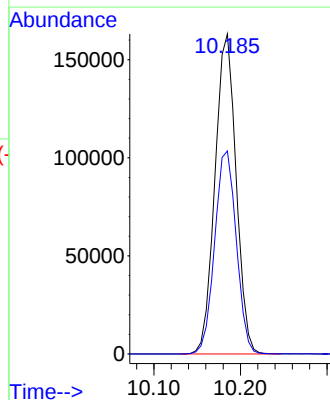
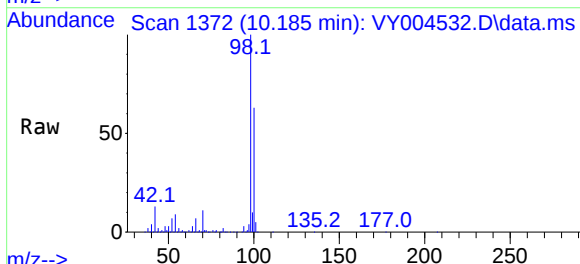
Instrument :  
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SEDGWICK-VOC-11

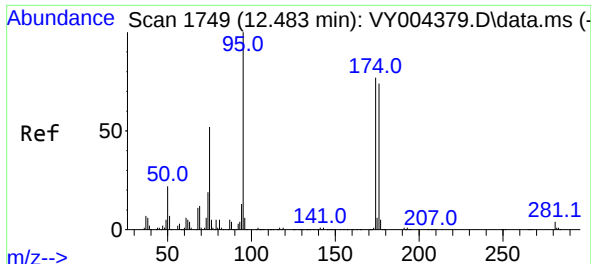
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 65269 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 101.4 | 82.6  | 123.8 |
| 192      | 19.6  | 16.1  | 24.1  |



#50  
Toluene-d8  
Concen: 52.34 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. 0.000 min  
Lab File: VY004532.D  
Acq: 20 Apr 2021 16:31

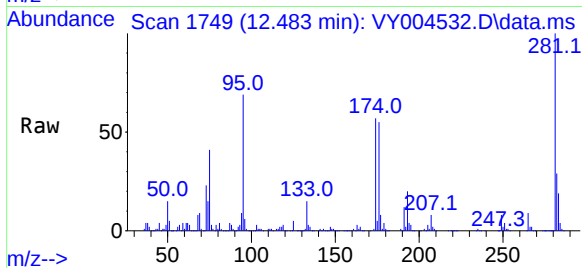
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 276643 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 64.9  | 51.8  | 77.6   |



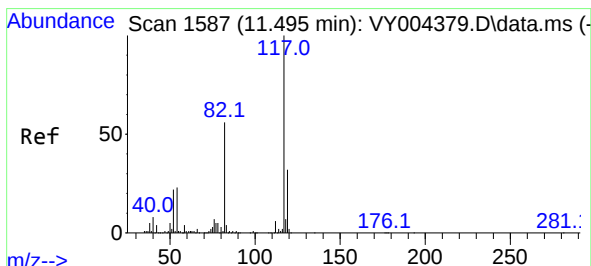
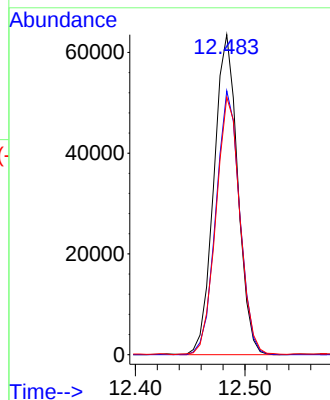
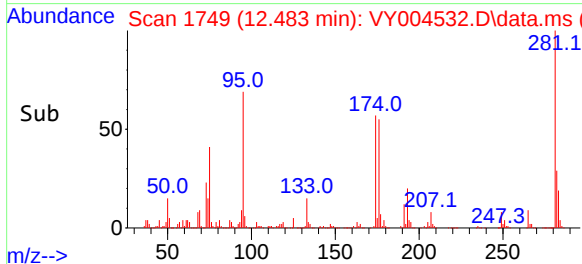


#62  
4-Bromofluorobenzene  
Concen: 53.42 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY004532.D  
Acq: 20 Apr 2021 16:31

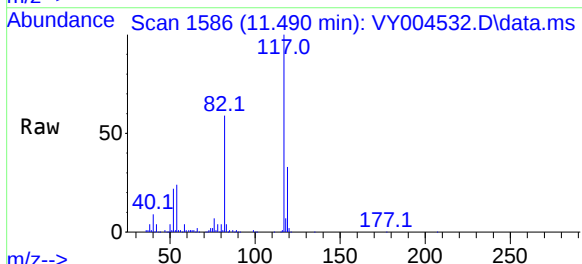
Instrument :  
MSVOA\_Y  
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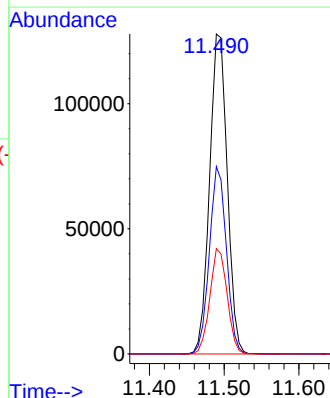
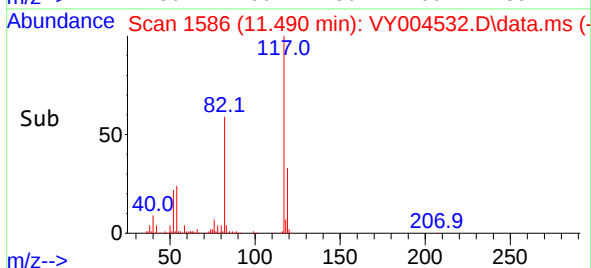
Tgt Ion: 95 Resp: 95816  
Ion Ratio Lower Upper  
95 100  
174 82.1 0.0 162.4  
176 81.2 0.0 156.0

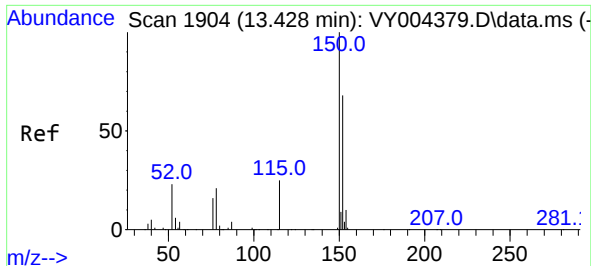


#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.490 min Scan# 1586  
Delta R.T. -0.006 min  
Lab File: VY004532.D  
Acq: 20 Apr 2021 16:31



Tgt Ion: 117 Resp: 209969  
Ion Ratio Lower Upper  
117 100  
82 58.6 44.9 67.3  
119 32.9 25.4 38.0





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 13.428 min Scan# 1904  
 Delta R.T. 0.000 min  
 Lab File: VY004532.D  
 Acq: 20 Apr 2021 16:31

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SEDGWICK-VOC-11

Tgt Ion:152 Resp: 91116  
 Ion Ratio Lower Upper  
 152 100  
 115 59.0 29.6 88.8  
 150 155.9 0.0 348.4

