

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY081621\  
 Data File : VY005696.D  
 Acq On : 17 Aug 2021 02:44  
 Operator : SY/MD  
 Sample : M3425-04  
 Misc : 8.52G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 21N

Quant Time: Aug 17 05:24:12 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y080221S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 03 04:52:05 2021  
 Response via : Initial Calibration

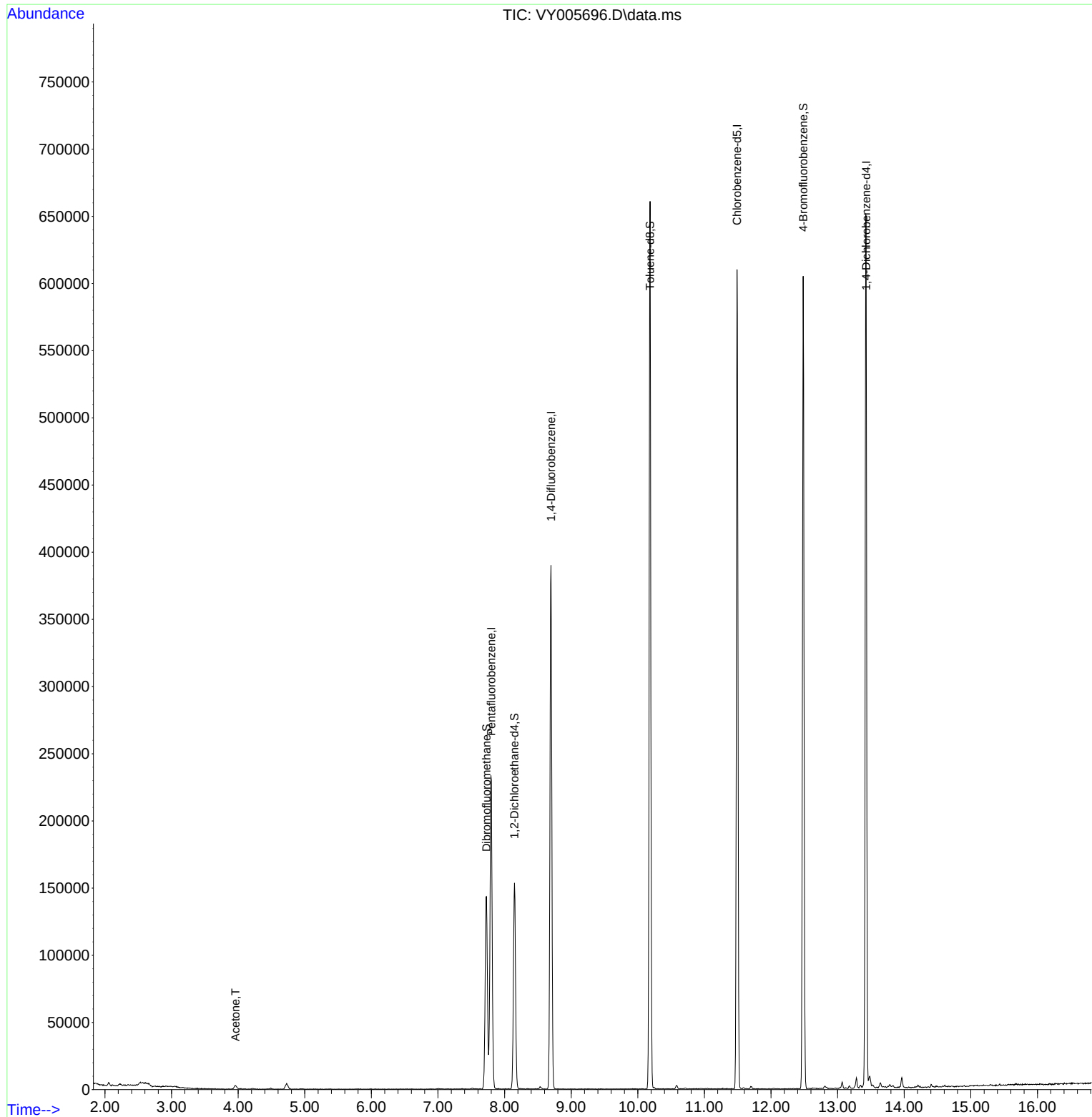
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min)    |
|-----------------------------|--------|-------|----------|----------|------------|-------------|
| -----                       |        |       |          |          |            |             |
| Internal Standards          |        |       |          |          |            |             |
| 1) Pentafluorobenzene       | 7.801  | 168   | 186325   | 50.000   | ug/l       | 0.00        |
| 34) 1,4-Difluorobenzene     | 8.697  | 114   | 322990   | 50.000   | ug/l       | 0.00        |
| 63) Chlorobenzene-d5        | 11.489 | 117   | 329637   | 50.000   | ug/l       | 0.00        |
| 72) 1,4-Dichlorobenzene-d4  | 13.428 | 152   | 167394   | 50.000   | ug/l       | 0.00        |
| System Monitoring Compounds |        |       |          |          |            |             |
| 33) 1,2-Dichloroethane-d4   | 8.149  | 65    | 126166   | 66.893   | ug/l       | 0.00        |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 133.780% |             |
| 35) Dibromofluoromethane    | 7.728  | 113   | 97535    | 53.936   | ug/l       | 0.00        |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 107.880% |             |
| 50) Toluene-d8              | 10.185 | 98    | 419369   | 55.296   | ug/l       | 0.00        |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 110.600% |             |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 146573   | 58.362   | ug/l       | 0.00        |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 116.720% |             |
| Target Compounds            |        |       |          |          |            |             |
| 16) Acetone                 | 3.960  | 43    | 4595     | 9.663    | ug/l       | Qvalue # 80 |
| -----                       |        |       |          |          |            |             |

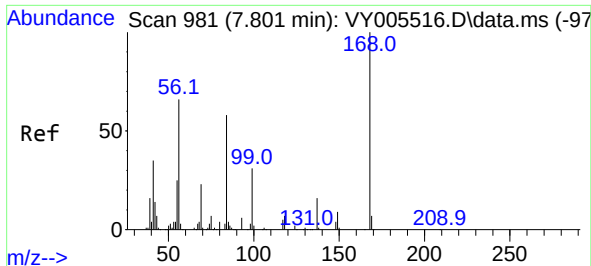
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 03 04:52:05 2021  
Response via : Initial Calibration

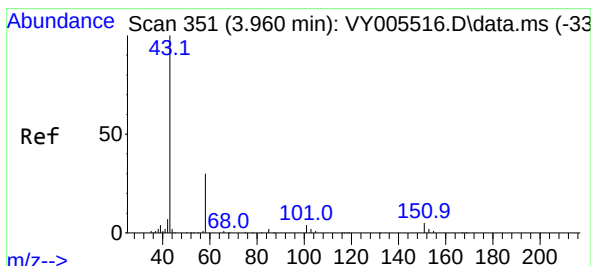
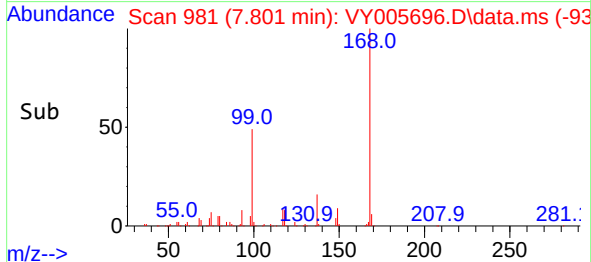
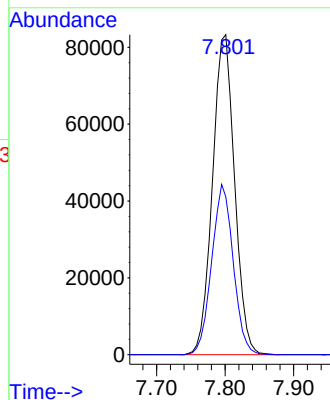
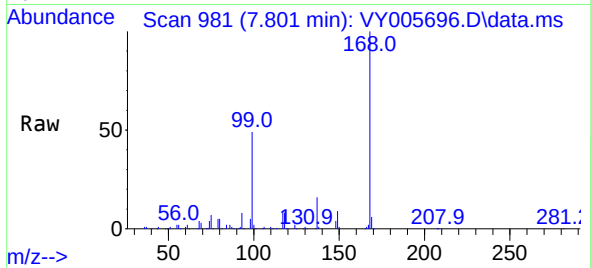




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.801 min Scan# 981  
Delta R.T. 0.000 min  
Lab File: VY005696.D  
Acq: 17 Aug 2021 02:44

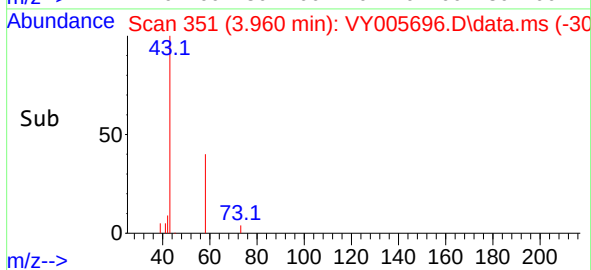
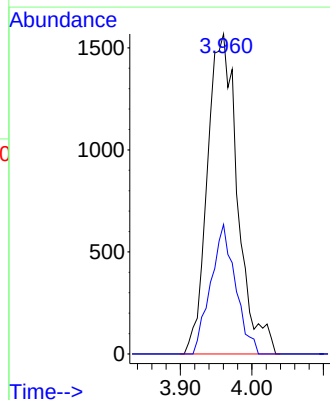
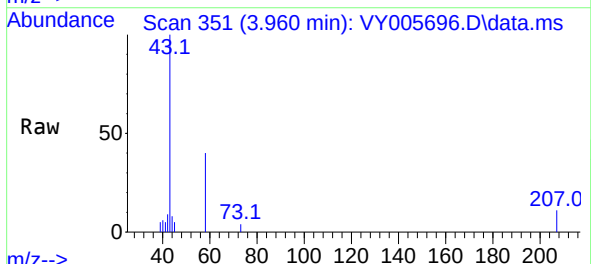
Instrument :  
MSVOA\_Y  
ClientSampled :  
21N

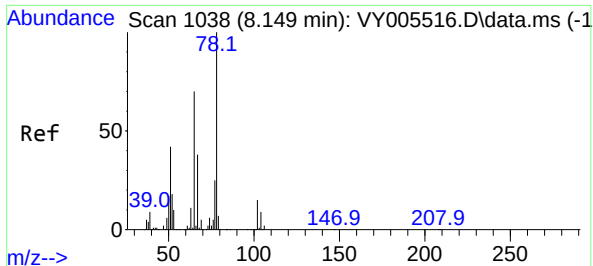
Tgt Ion:168 Resp: 186325  
Ion Ratio Lower Upper  
168 100  
99 49.4 38.9 58.3



#16  
Acetone  
Concen: 9.663 ug/l  
RT: 3.960 min Scan# 351  
Delta R.T. -0.000 min  
Lab File: VY005696.D  
Acq: 17 Aug 2021 02:44

Tgt Ion: 43 Resp: 4595  
Ion Ratio Lower Upper  
43 100  
58 40.4 23.8 35.6#

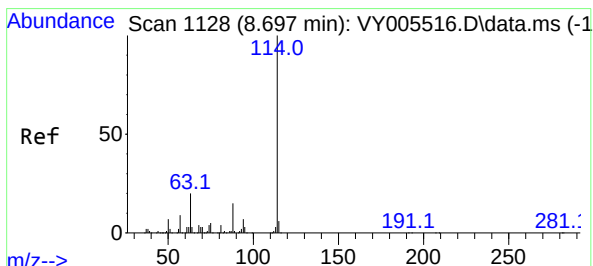
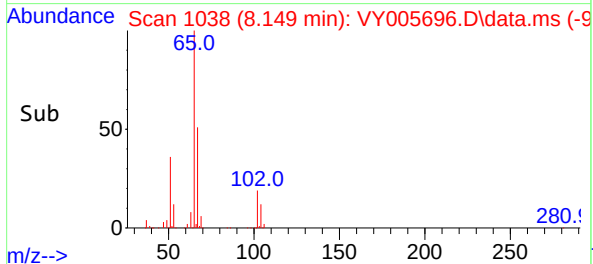
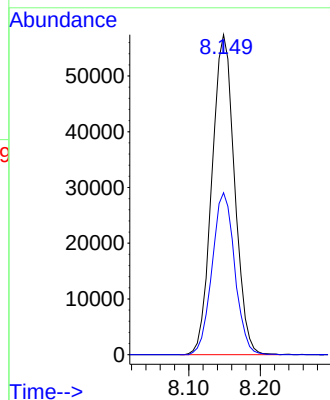
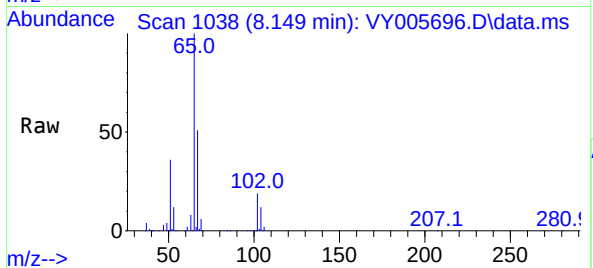




#33  
1,2-Dichloroethane-d4  
Concen: 66.893 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. -0.000 min  
Lab File: VY005696.D  
Acq: 17 Aug 2021 02:44

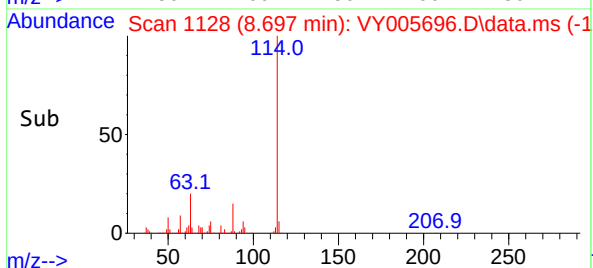
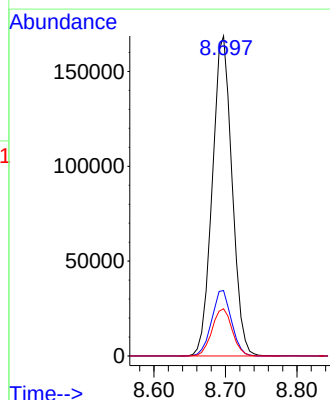
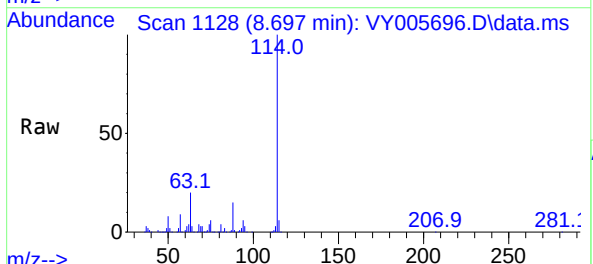
Instrument :  
MSVOA\_Y  
ClientSampled :  
21N

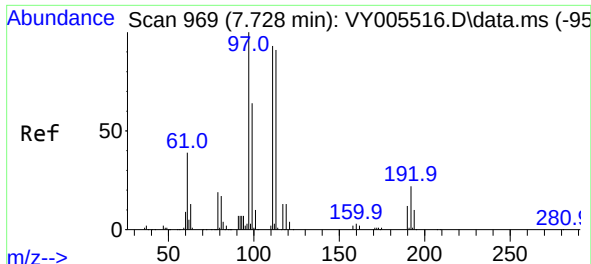
Tgt Ion: 65 Resp: 126166  
Ion Ratio Lower Upper  
65 100  
67 50.6 0.0 103.4



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. -0.000 min  
Lab File: VY005696.D  
Acq: 17 Aug 2021 02:44

Tgt Ion:114 Resp: 322990  
Ion Ratio Lower Upper  
114 100  
63 20.5 0.0 39.2  
88 14.8 0.0 30.8

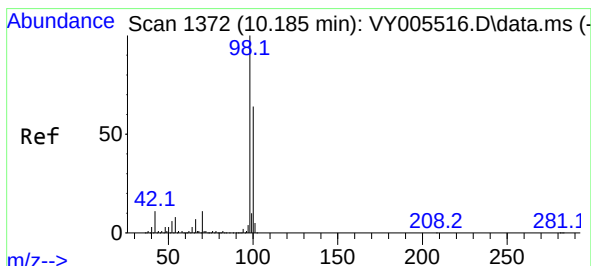
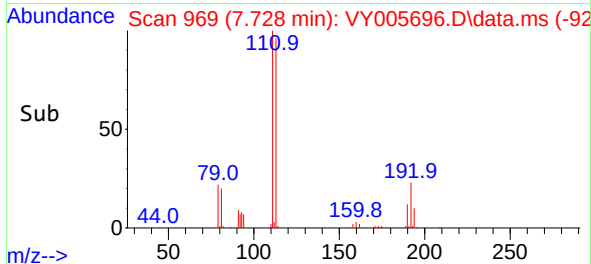
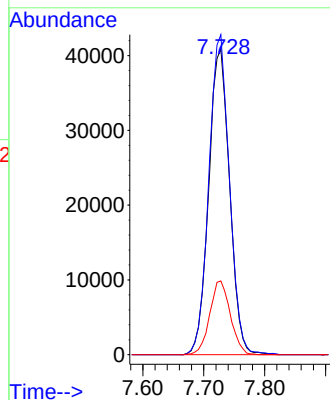
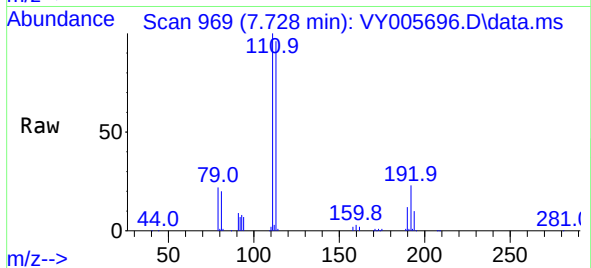




#35  
Dibromofluoromethane  
Concen: 53.936 ug/l  
RT: 7.728 min Scan# 969  
Delta R.T. -0.000 min  
Lab File: VY005696.D  
Acq: 17 Aug 2021 02:44

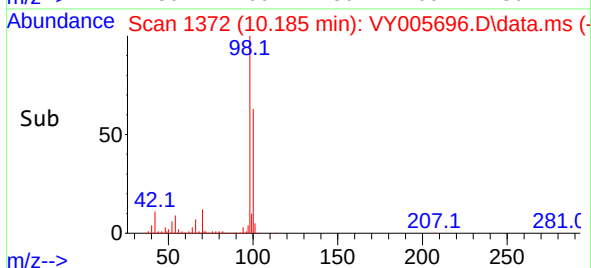
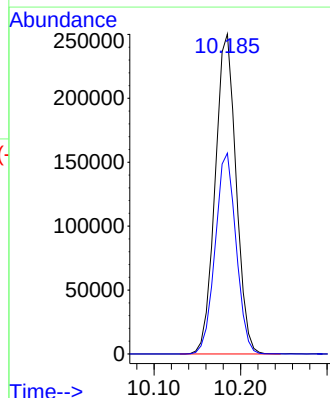
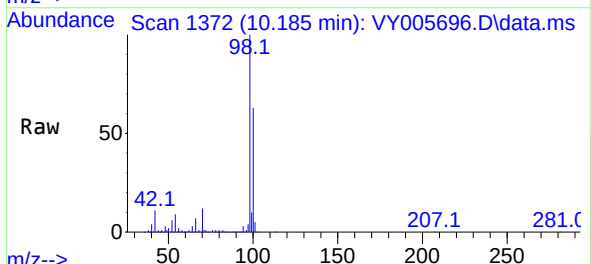
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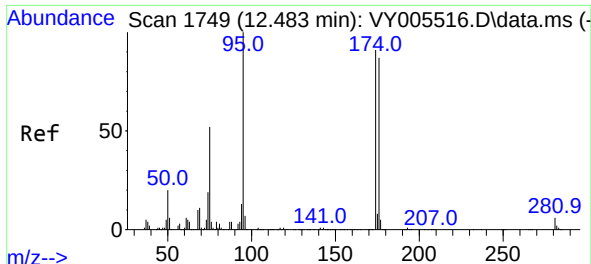
Tgt Ion:113 Resp: 97535  
Ion Ratio Lower Upper  
113 100  
111 103.1 81.9 122.9  
192 23.8 19.2 28.8



#50  
Toluene-d8  
Concen: 55.296 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. -0.000 min  
Lab File: VY005696.D  
Acq: 17 Aug 2021 02:44

Tgt Ion: 98 Resp: 419369  
Ion Ratio Lower Upper  
98 100  
100 62.7 51.3 76.9

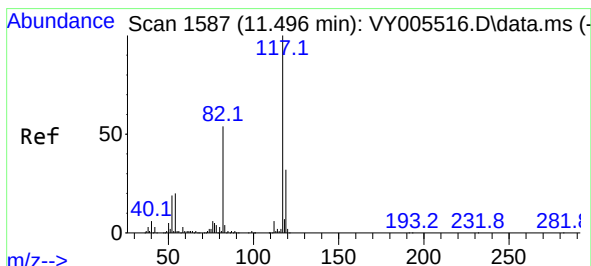
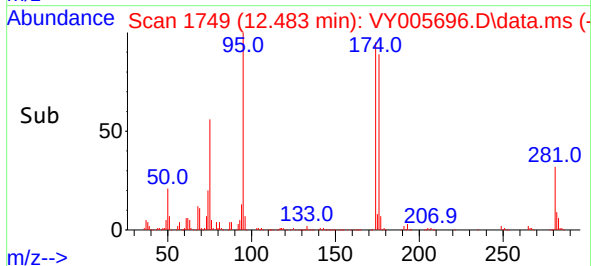
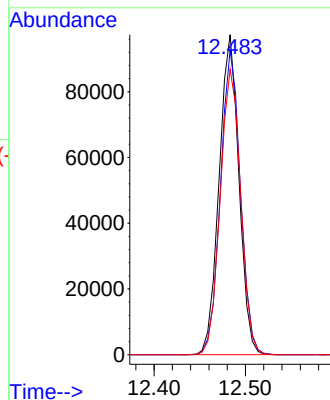
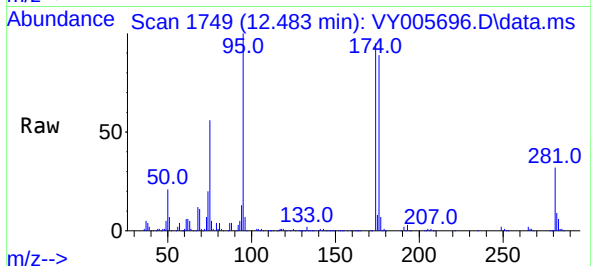




#62  
4-Bromofluorobenzene  
Concen: 58.362 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VY005696.D  
Acq: 17 Aug 2021 02:44

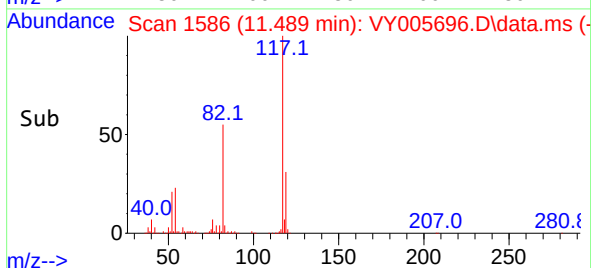
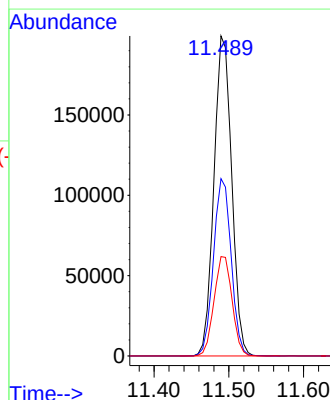
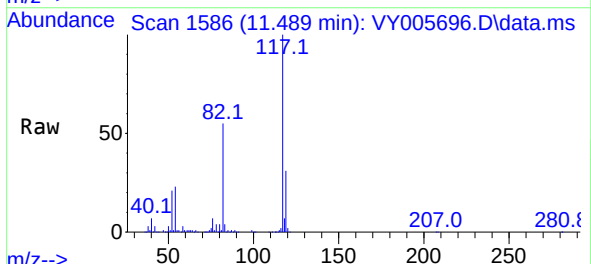
Instrument :  
MSVOA\_Y  
ClientSampleId :  
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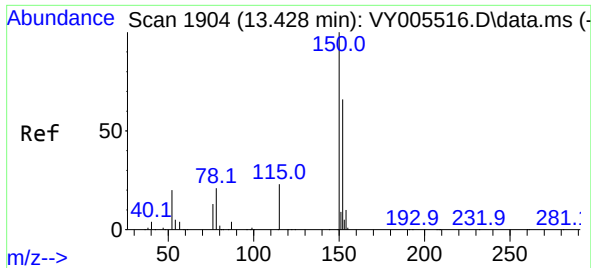
Tgt Ion: 95 Resp: 146573  
Ion Ratio Lower Upper  
95 100  
174 95.8 0.0 191.4  
176 92.0 0.0 183.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 1586  
Delta R.T. -0.006 min  
Lab File: VY005696.D  
Acq: 17 Aug 2021 02:44

Tgt Ion: 117 Resp: 329637  
Ion Ratio Lower Upper  
117 100  
82 55.4 43.5 65.3  
119 31.0 25.5 38.3





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.428 min Scan# 1904  
 Delta R.T. -0.000 min  
 Lab File: VY005696.D  
 Acq: 17 Aug 2021 02:44

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 21N

Tgt Ion:152 Resp: 167394  
 Ion Ratio Lower Upper  
 152 100  
 115 54.8 27.3 81.9  
 150 157.3 0.0 350.2

