

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY042121\  
 Data File : VY004560.D  
 Acq On : 21 Apr 2021 16:56  
 Operator : SY/MD  
 Sample : M2099-01  
 Misc : 6.15G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 TP-1

Quant Time: Apr 22 11:19:00 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

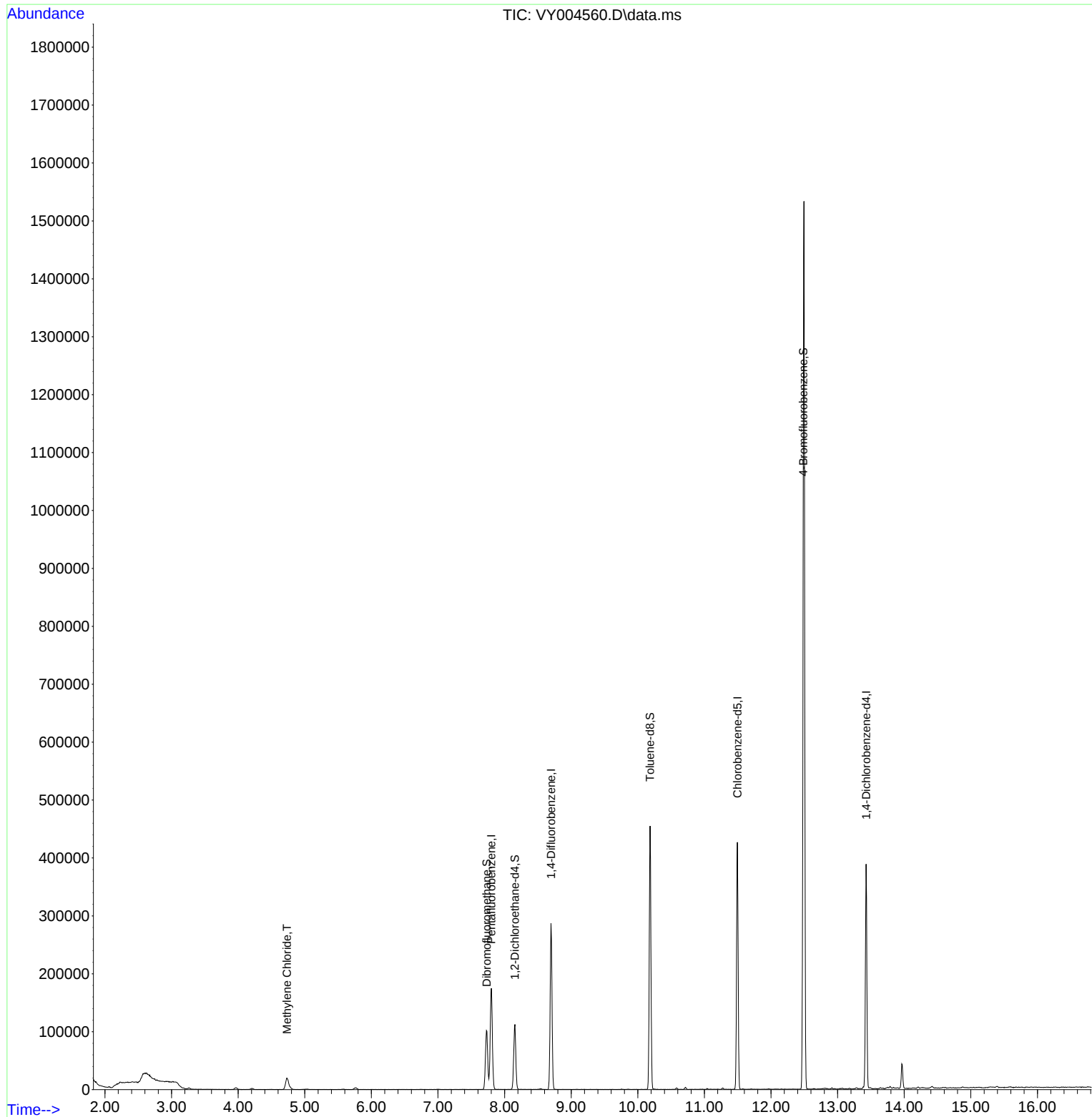
| Compound                    | R.T.   | QIon           | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|----------------|----------|-------|---------|----------|
| -----                       |        |                |          |       |         |          |
| Internal Standards          |        |                |          |       |         |          |
| 1) Pentafluorobenzene       | 7.801  | 168            | 131004   | 50.00 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.697  | 114            | 227422   | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.495 | 117            | 212548   | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.428 | 152            | 92199    | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |        |                |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.155  | 65             | 84689    | 58.18 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 | Range 50 - 163 | Recovery | =     | 116.36% |          |
| 35) Dibromofluoromethane    | 7.734  | 113            | 70354    | 55.74 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 | Range 54 - 147 | Recovery | =     | 111.48% |          |
| 50) Toluene-d8              | 10.185 | 98             | 283520   | 52.81 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 | Range 49 - 140 | Recovery | =     | 105.62% |          |
| 62) 4-Bromofluorobenzene    | 12.483 | 95             | 101484   | 55.71 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 | Range 25 - 144 | Recovery | =     | 111.42% |          |
| Target Compounds            |        |                |          |       |         | Qvalue   |
| 20) Methylene Chloride      | 4.734  | 84             | 13735    | 9.77  | ug/l    | 96       |
| -----                       |        |                |          |       |         |          |

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

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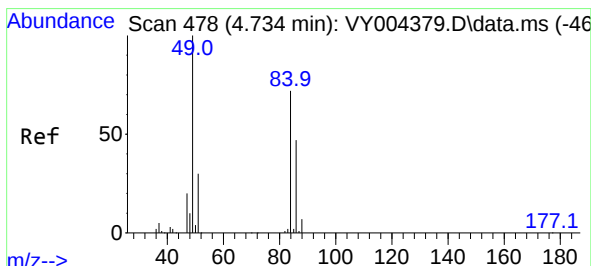
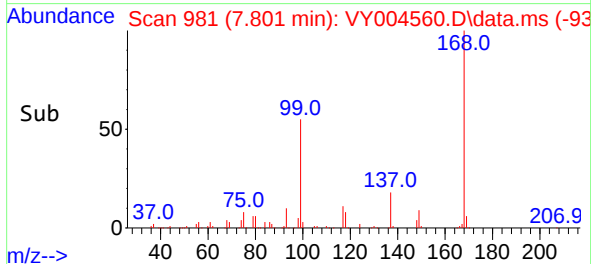
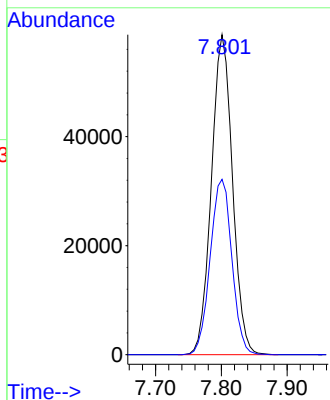
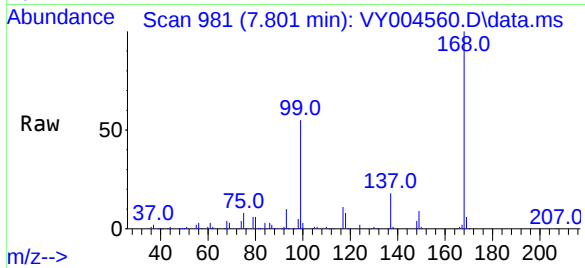




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.801 min Scan# 981  
Delta R.T. 0.000 min  
Lab File: VY004560.D  
Acq: 21 Apr 2021 16:56

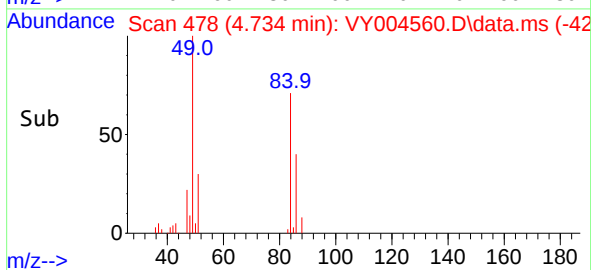
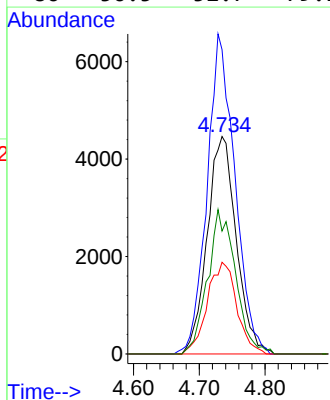
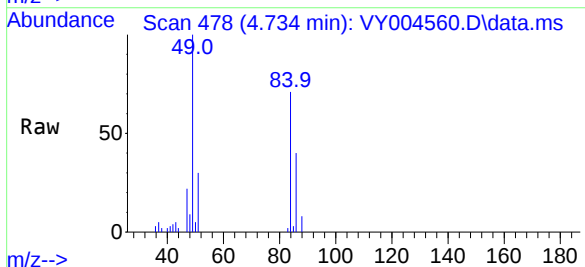
Instrument :  
MSVOA\_Y  
ClientSampled :  
TP-1

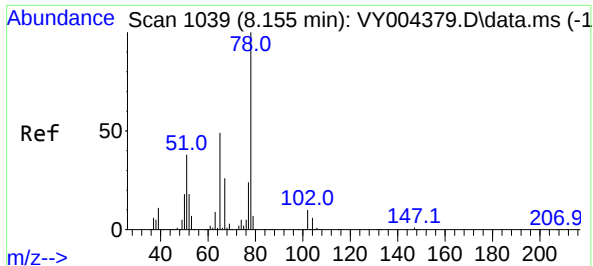
Tgt Ion:168 Resp: 131004  
Ion Ratio Lower Upper  
168 100  
99 54.8 45.5 68.3



#20  
Methylene Chloride  
Concen: 9.77 ug/l  
RT: 4.734 min Scan# 478  
Delta R.T. 0.000 min  
Lab File: VY004560.D  
Acq: 21 Apr 2021 16:56

Tgt Ion: 84 Resp: 13735  
Ion Ratio Lower Upper  
84 100  
49 140.0 111.2 166.8  
51 42.2 33.4 50.2  
86 56.5 52.7 79.1

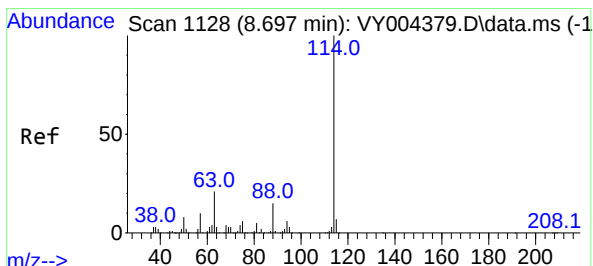
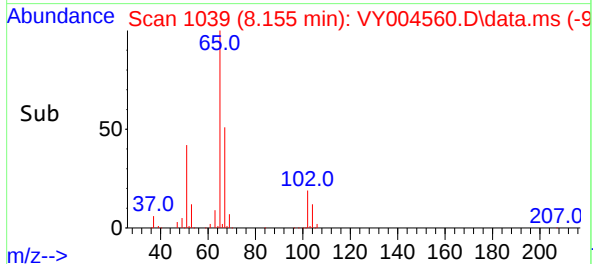
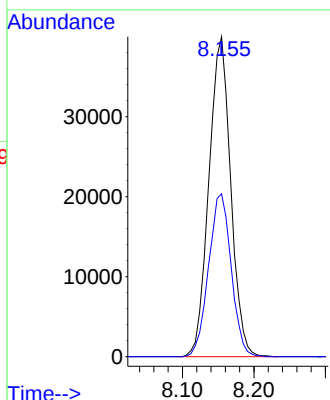
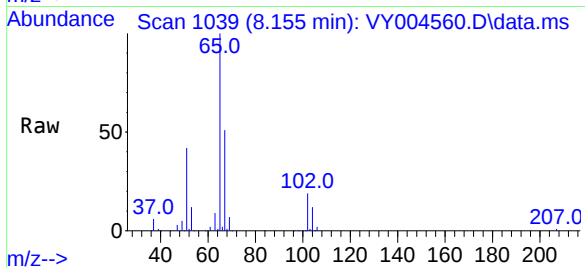




#33  
1,2-Dichloroethane-d4  
Concen: 58.18 ug/l  
RT: 8.155 min Scan# 1039  
Delta R.T. 0.000 min  
Lab File: VY004560.D  
Acq: 21 Apr 2021 16:56

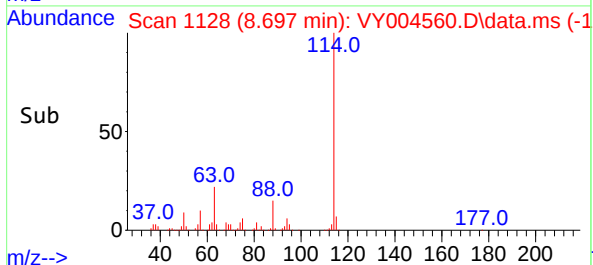
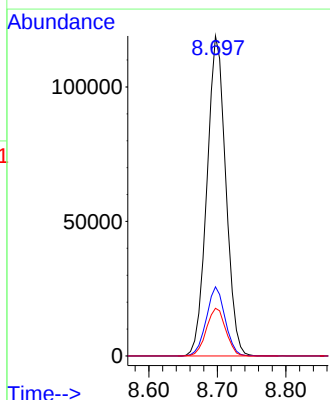
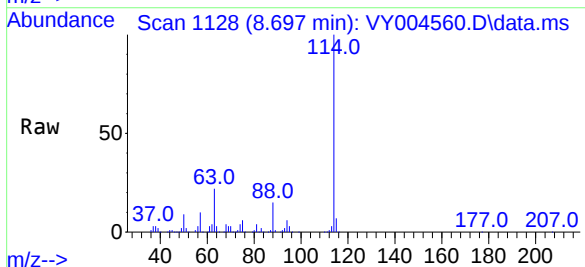
Instrument :  
MSVOA\_Y  
ClientSampled :  
TP-1

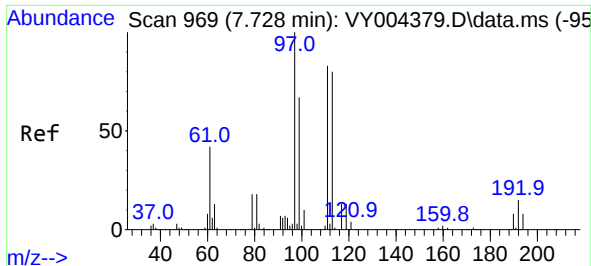
Tgt Ion: 65 Resp: 84689  
Ion Ratio Lower Upper  
65 100  
67 52.7 0.0 106.4



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. 0.000 min  
Lab File: VY004560.D  
Acq: 21 Apr 2021 16:56

Tgt Ion:114 Resp: 227422  
Ion Ratio Lower Upper  
114 100  
63 21.6 0.0 42.4  
88 14.9 0.0 30.8



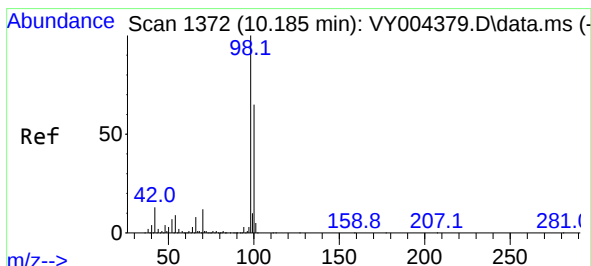
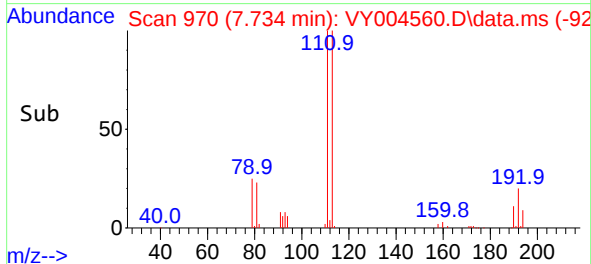
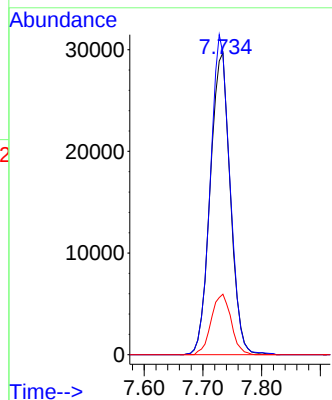
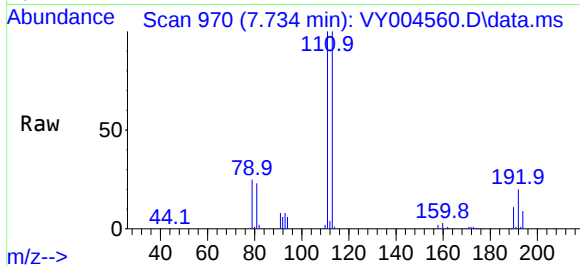


#35  
Dibromofluoromethane  
Concen: 55.74 ug/l  
RT: 7.734 min Scan# 970  
Delta R.T. 0.006 min  
Lab File: VY004560.D  
Acq: 21 Apr 2021 16:56

Instrument :  
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ClientSampleId :  
TP-1

Tgt Ion: 113 Resp: 70354

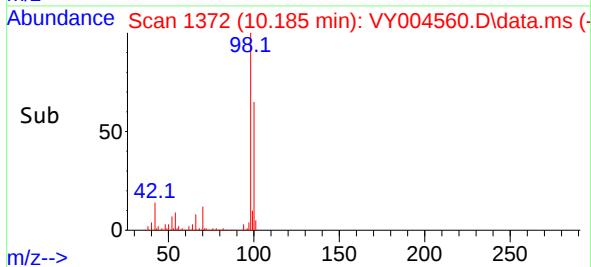
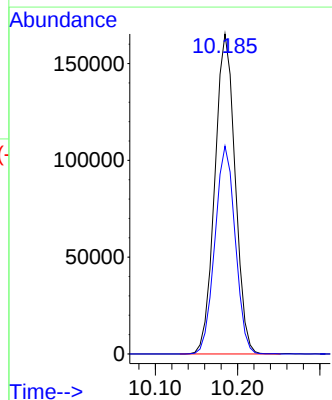
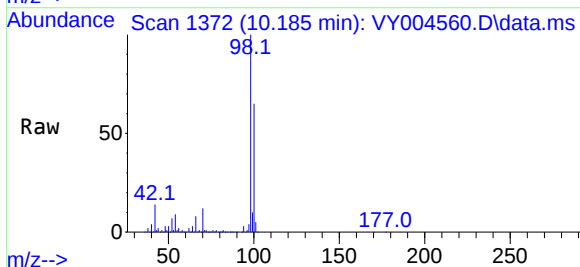
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 103.3 | 82.6  | 123.8 |
| 192 | 19.9  | 16.1  | 24.1  |

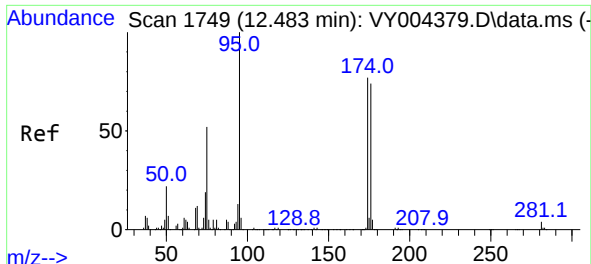


#50  
Toluene-d8  
Concen: 52.81 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. 0.000 min  
Lab File: VY004560.D  
Acq: 21 Apr 2021 16:56

Tgt Ion: 98 Resp: 283520

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 98  | 100   |       |       |
| 100 | 64.9  | 51.8  | 77.6  |

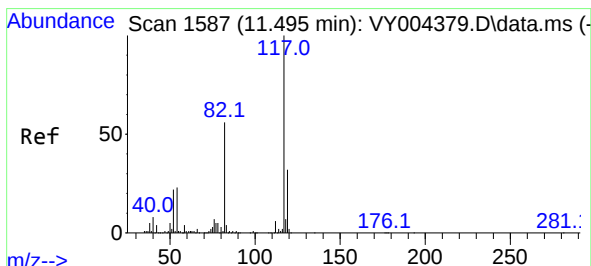
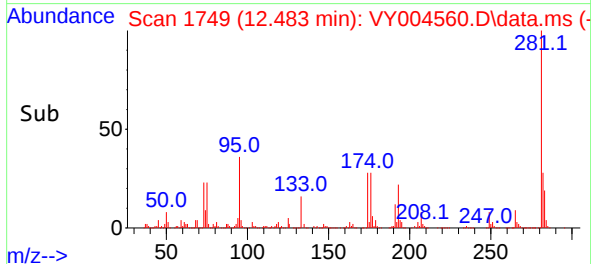
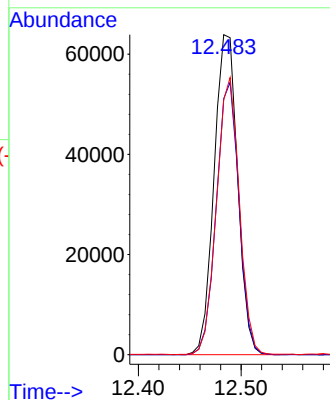
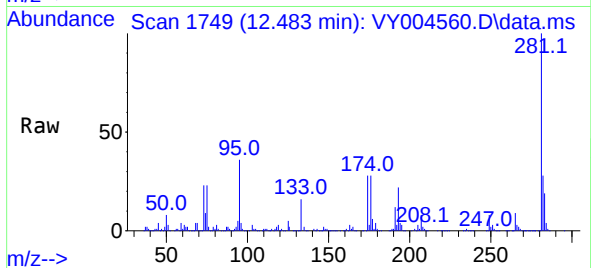




#62  
4-Bromofluorobenzene  
Concen: 55.71 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY004560.D  
Acq: 21 Apr 2021 16:56

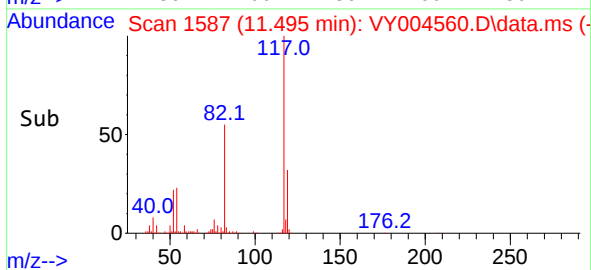
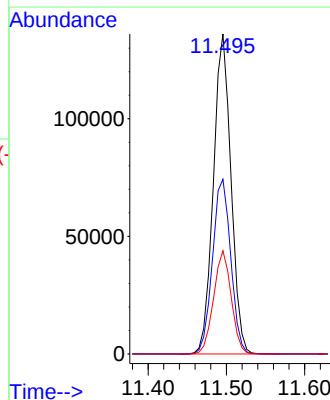
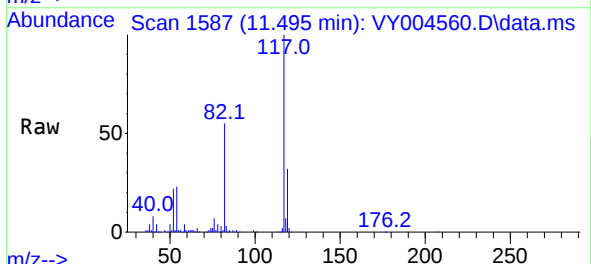
Instrument :  
MSVOA\_Y  
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TP-1

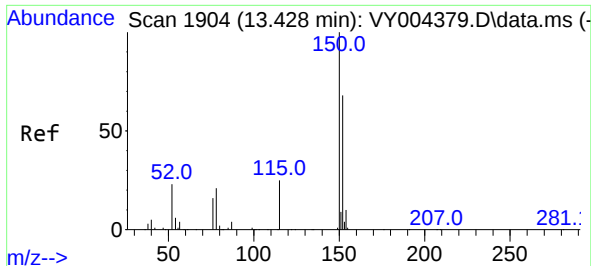
Tgt Ion: 95 Resp: 101484  
Ion Ratio Lower Upper  
95 100  
174 81.7 0.0 162.4  
176 83.8 0.0 156.0



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.495 min Scan# 1587  
Delta R.T. 0.000 min  
Lab File: VY004560.D  
Acq: 21 Apr 2021 16:56

Tgt Ion:117 Resp: 212548  
Ion Ratio Lower Upper  
117 100  
82 54.6 44.9 67.3  
119 32.3 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: VY004560.D  
 Acq: 21 Apr 2021 16:56

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 TP-1

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 92199 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 115      | 58.2  | 29.6  | 88.8  |
| 150      | 155.5 | 0.0   | 348.4 |

