

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY060321\  
 Data File : VY004934.D  
 Acq On : 03 Jun 2021 14:16  
 Operator : SY/MD  
 Sample : M2589-04  
 Misc : 11.95G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 18-B8(0-2)

Quant Time: Jun 04 01:15:34 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y060221S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 03 04:43:33 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.801  | 168  | 195166   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.697  | 114  | 372148   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.496 | 117  | 344289   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 142721   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.149  | 65    | 136079   | 65.954   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 131.900% |
| 35) Dibromofluoromethane    | 7.728  | 113   | 117643   | 58.757   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 117.520% |
| 50) Toluene-d8              | 10.185 | 98    | 457726   | 55.045   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 110.100% |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 157988   | 55.244   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 110.480% |

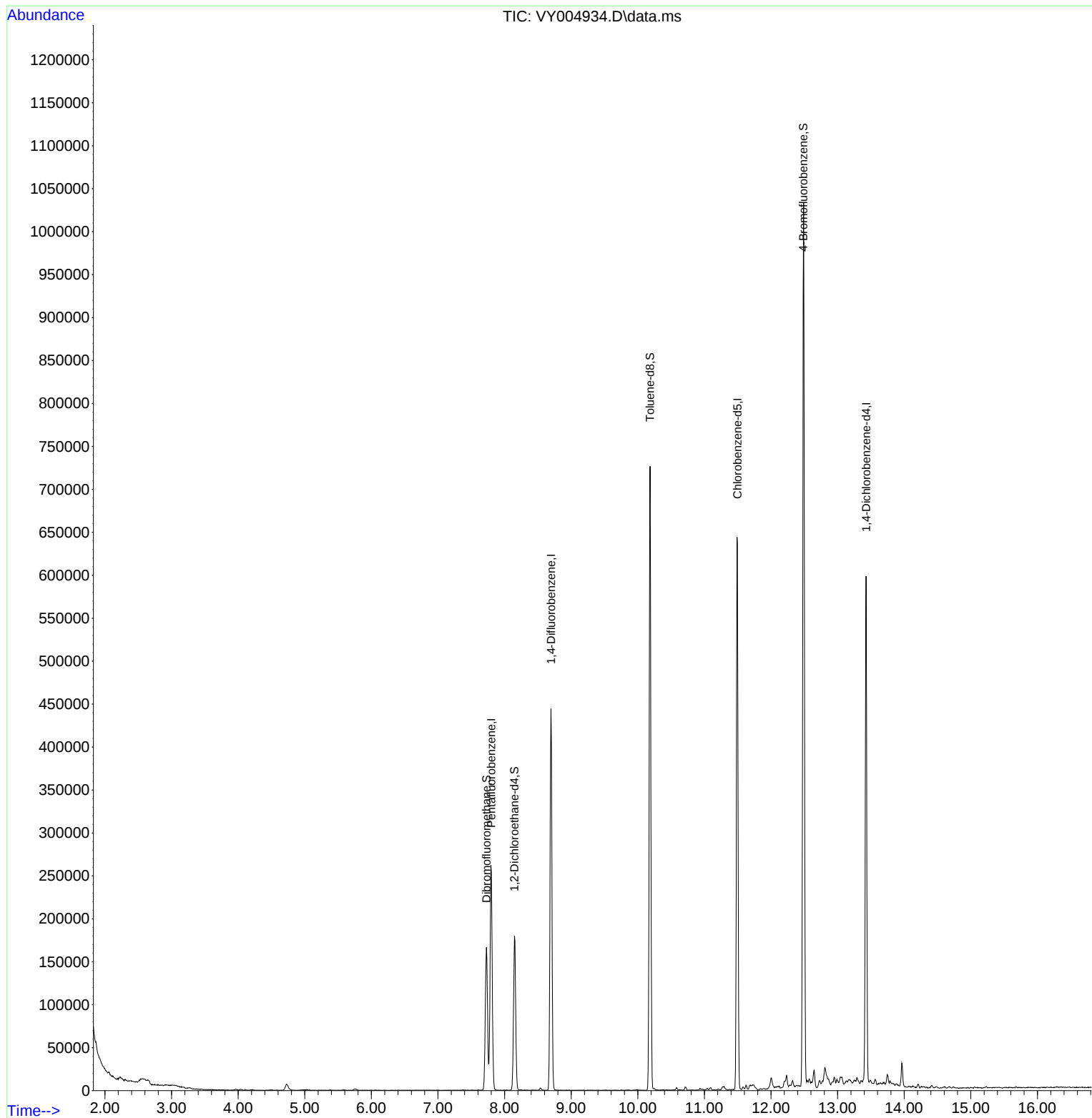
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

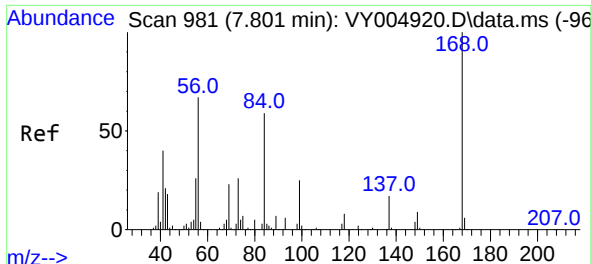
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :  
18-B8(0-2)

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y060221S.M  
Quant Title : SW846 8260  
QLast Update : Thu Jun 03 04:43:33 2021  
Response via : Initial Calibration

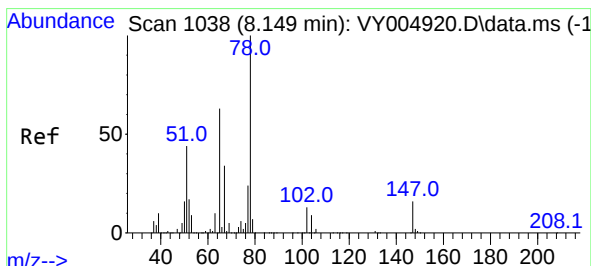
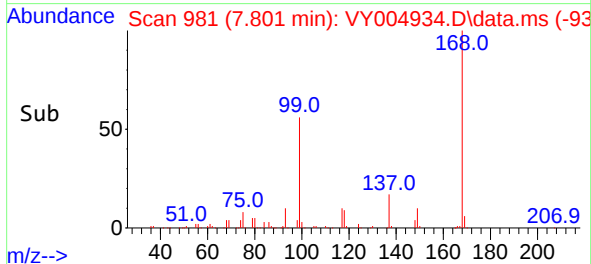
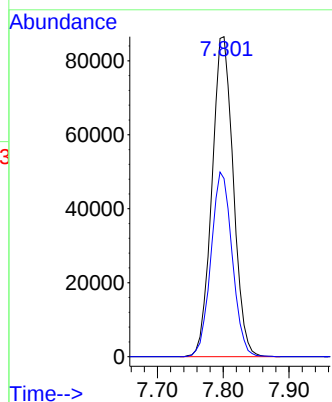
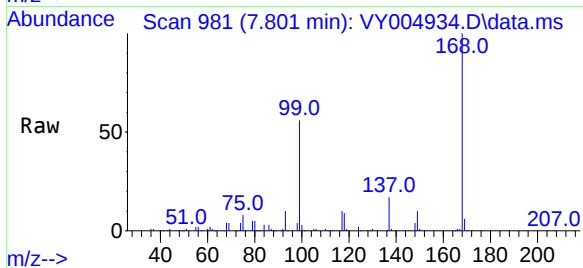




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.801 min Scan# 981  
Delta R.T. 0.000 min  
Lab File: VY004934.D  
Acq: 03 Jun 2021 14:16

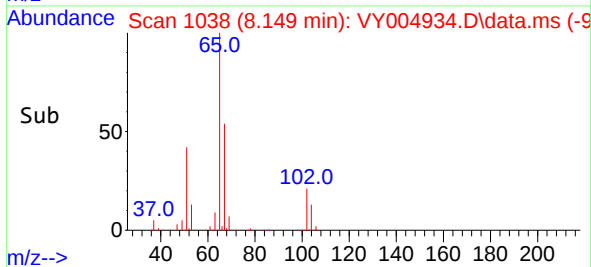
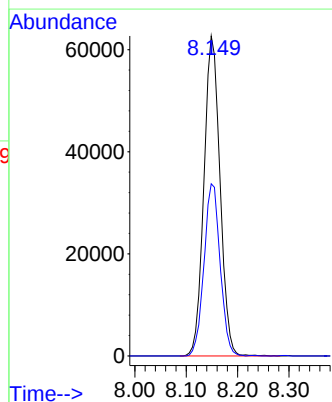
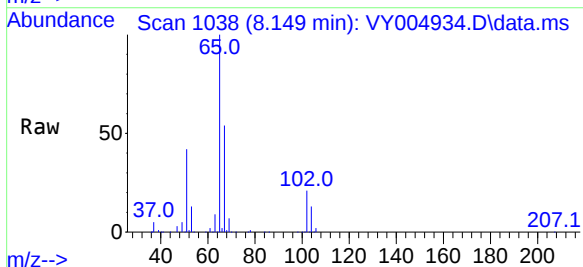
Instrument :  
MSVOA\_Y  
ClientSampleId :  
18-B8(0-2)

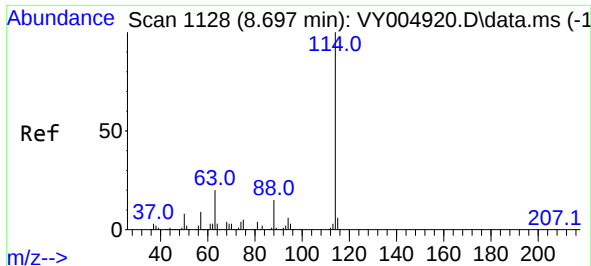
Tgt Ion:168 Resp: 195166  
Ion Ratio Lower Upper  
168 100  
99 55.7 43.9 65.9



#33  
1,2-Dichloroethane-d4  
Concen: 65.954 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. -0.000 min  
Lab File: VY004934.D  
Acq: 03 Jun 2021 14:16

Tgt Ion: 65 Resp: 136079  
Ion Ratio Lower Upper  
65 100  
67 53.9 0.0 110.6

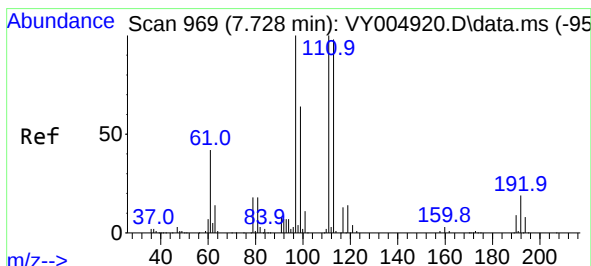
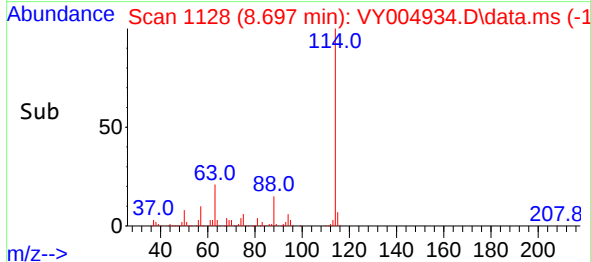
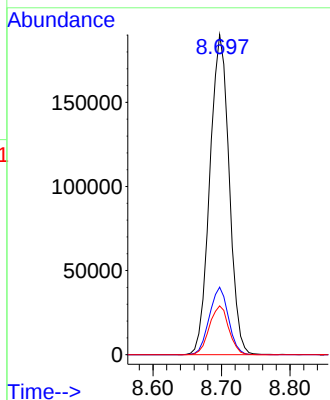
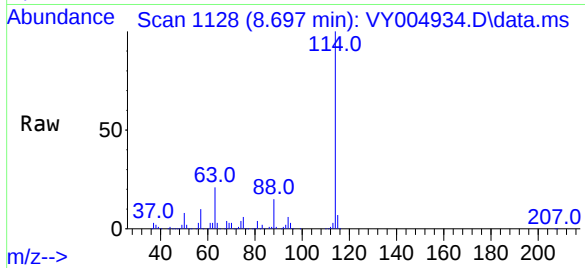




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. -0.000 min  
Lab File: VY004934.D  
Acq: 03 Jun 2021 14:16

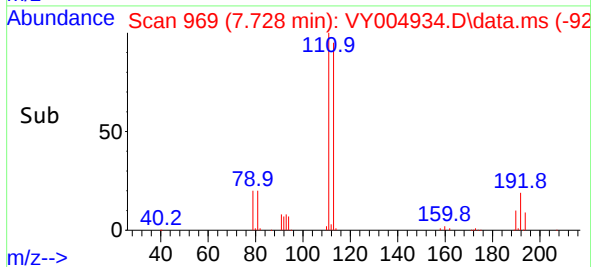
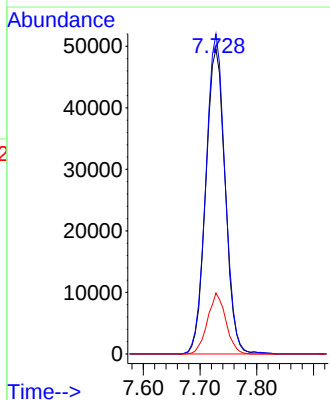
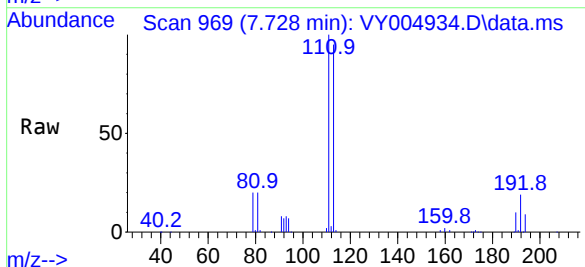
Instrument :  
MSVOA\_Y  
ClientSampleId :  
18-B8(0-2)

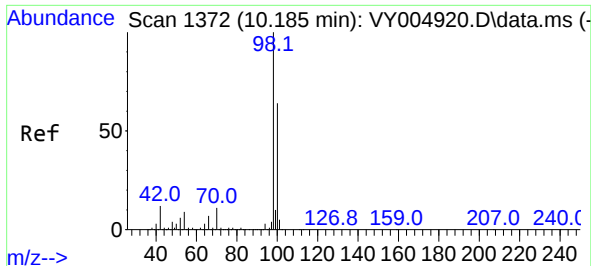
Tgt Ion:114 Resp: 372148  
Ion Ratio Lower Upper  
114 100  
63 21.1 0.0 41.0  
88 15.2 0.0 30.6



#35  
Dibromofluoromethane  
Concen: 58.757 ug/l  
RT: 7.728 min Scan# 969  
Delta R.T. -0.000 min  
Lab File: VY004934.D  
Acq: 03 Jun 2021 14:16

Tgt Ion:113 Resp: 117643  
Ion Ratio Lower Upper  
113 100  
111 103.8 81.8 122.8  
192 18.9 15.3 22.9

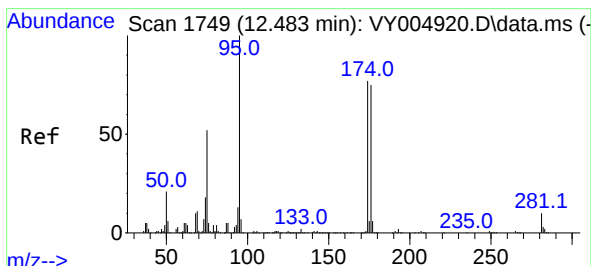
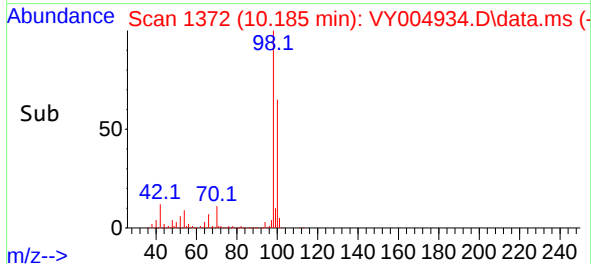
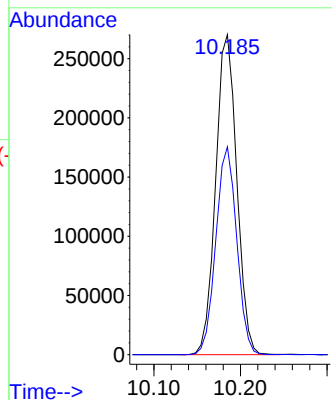
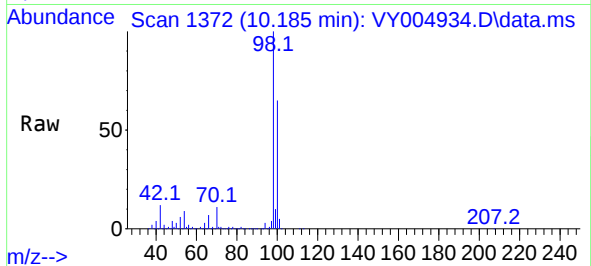




#50  
Toluene-d8  
Concen: 55.045 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. -0.000 min  
Lab File: VY004934.D  
Acq: 03 Jun 2021 14:16

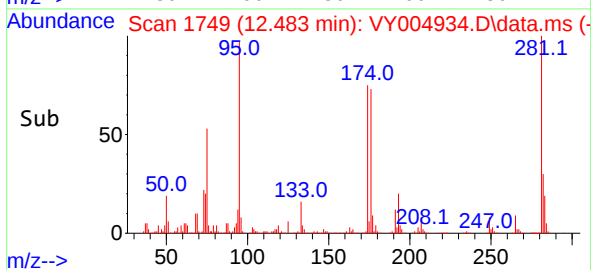
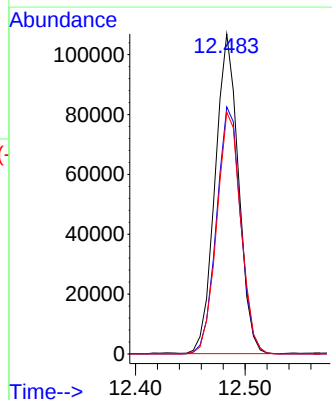
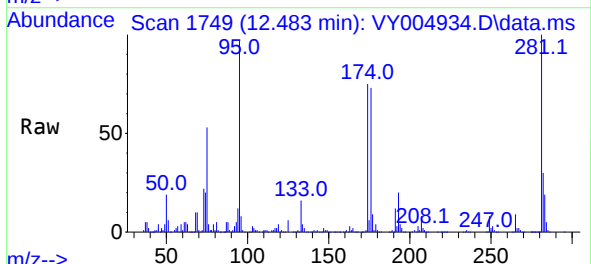
Instrument :  
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18-B8(0-2)

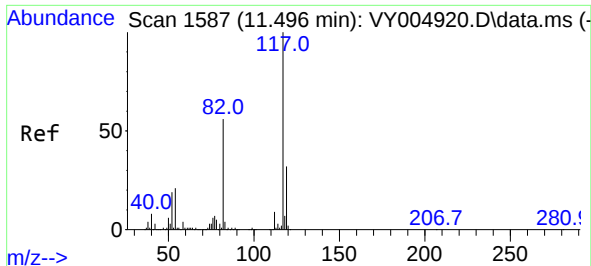
Tgt Ion: 98 Resp: 457726  
Ion Ratio Lower Upper  
98 100  
100 64.3 51.8 77.6



#62  
4-Bromofluorobenzene  
Concen: 55.244 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VY004934.D  
Acq: 03 Jun 2021 14:16

Tgt Ion: 95 Resp: 157988  
Ion Ratio Lower Upper  
95 100  
174 79.7 0.0 160.8  
176 78.0 0.0 155.6

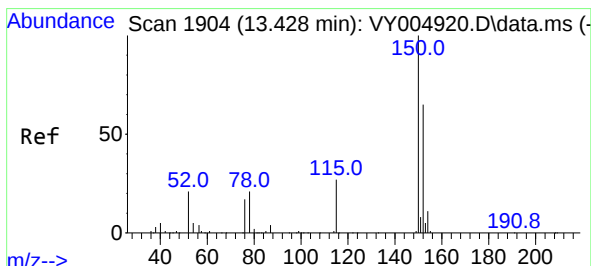
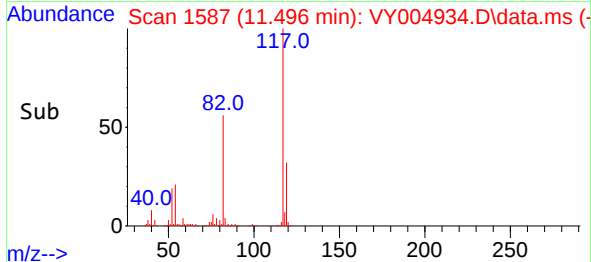
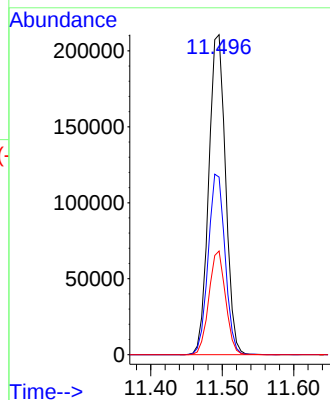
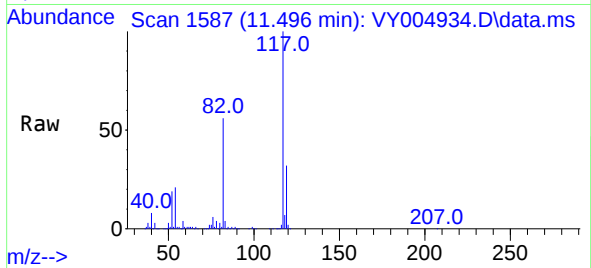




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.496 min Scan# 1587  
Delta R.T. -0.000 min  
Lab File: VY004934.D  
Acq: 03 Jun 2021 14:16

Instrument :  
MSVOA\_Y  
ClientSampleId :  
18-B8(0-2)

Tgt Ion:117 Resp: 344289  
Ion Ratio Lower Upper  
117 100  
82 55.5 44.8 67.2  
119 32.4 25.2 37.8



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. -0.000 min  
Lab File: VY004934.D  
Acq: 03 Jun 2021 14:16

Tgt Ion:152 Resp: 142721  
Ion Ratio Lower Upper  
152 100  
115 59.1 29.9 89.7  
150 156.9 0.0 347.8

