

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY042121\  
 Data File : VY004544.D  
 Acq On : 21 Apr 2021 10:30  
 Operator : SY/MD  
 Sample : VY0421SBL01  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0421SBL01

Quant Time: Apr 22 11:13:26 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   | 139483   | 50.00    | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.697  | 114   | 251361   | 50.00    | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.496 | 117   | 229273   | 50.00    | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.428 | 152   | 103366   | 50.00    | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.149  | 65    | 90198    | 58.20    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 116.40%  |
| 35) Dibromofluoromethane    | 7.722  | 113   | 75578    | 54.18    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 108.36%  |
| 50) Toluene-d8              | 10.185 | 98    | 304839   | 51.38    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =     | 102.76%  |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 100229   | 49.78    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =     | 99.56%   |

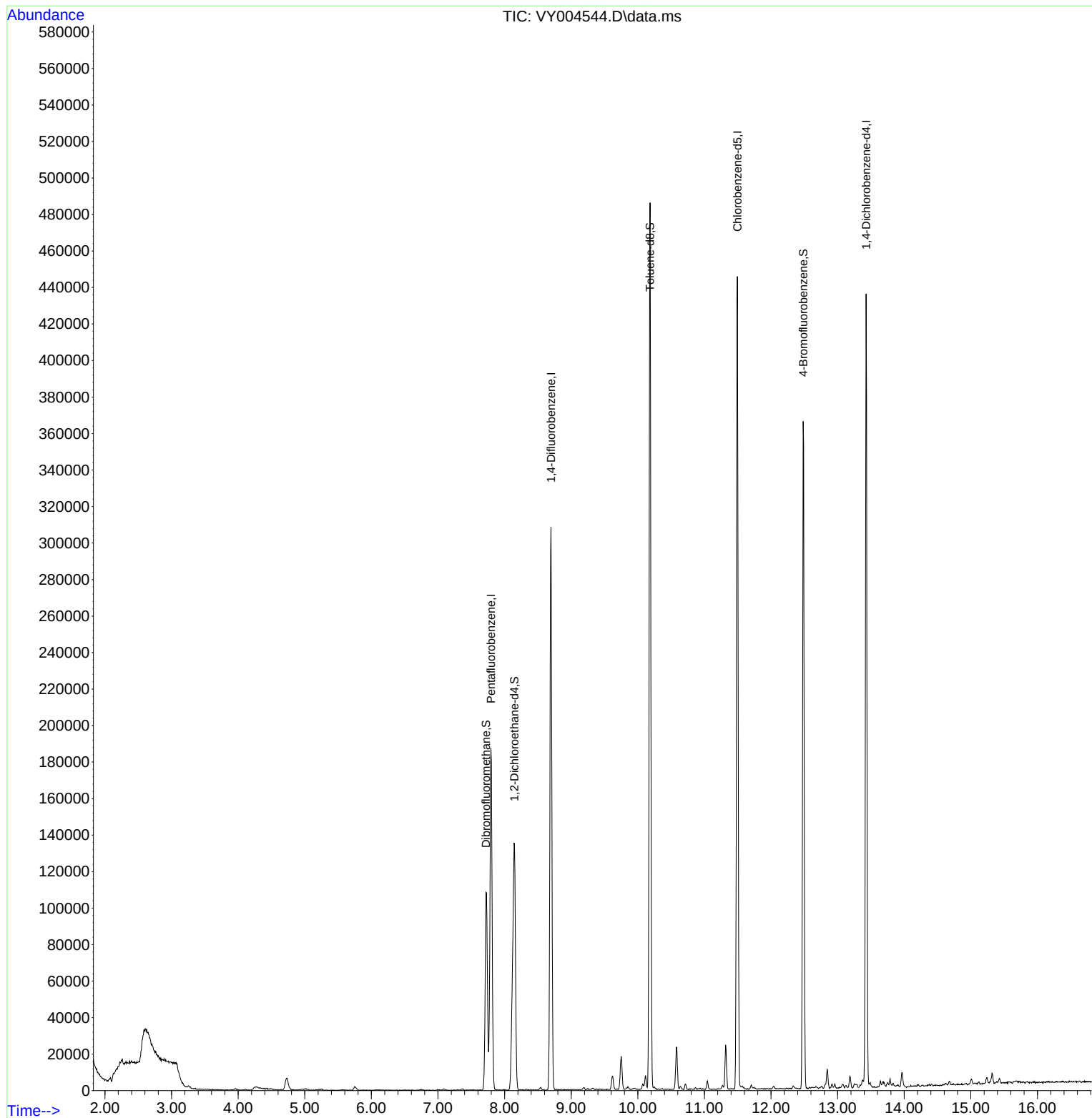
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

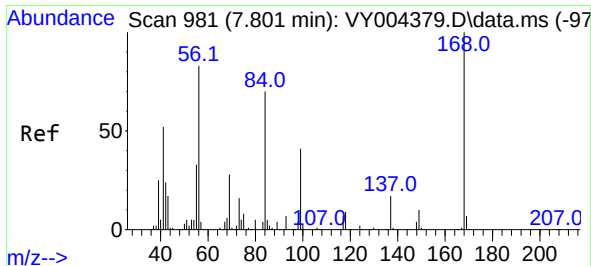
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Tue Apr 13 03:38:02 2021  
Response via : Initial Calibration

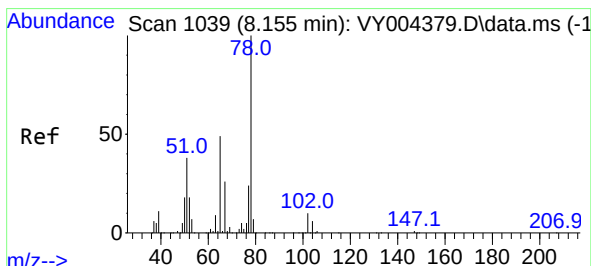
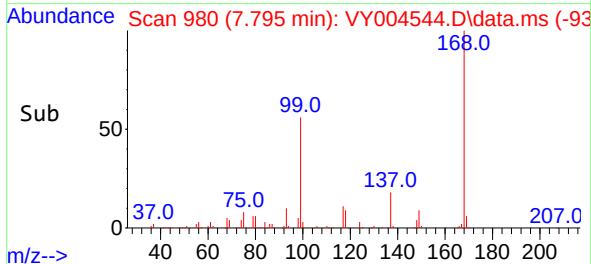
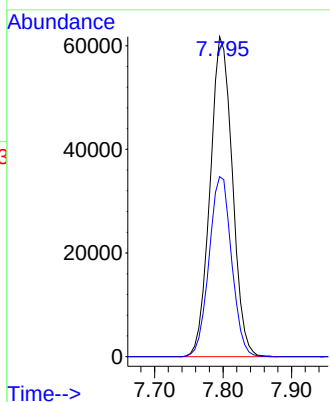
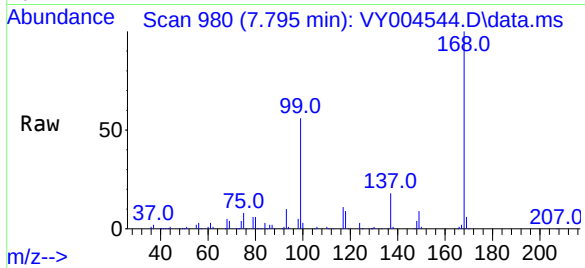




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. -0.006 min  
Lab File: VY004544.D  
Acq: 21 Apr 2021 10:30

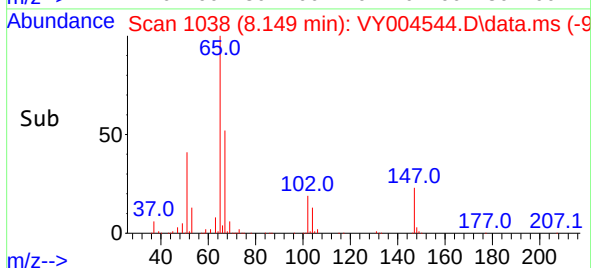
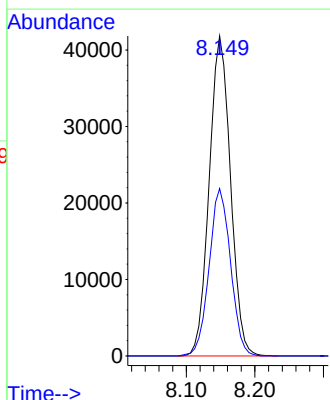
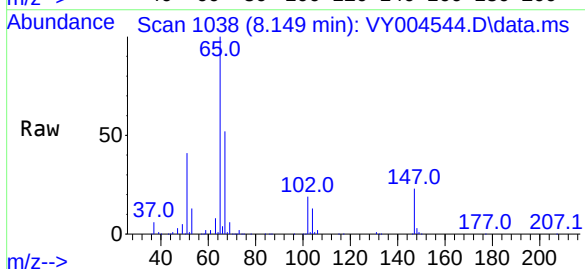
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0421SBL01

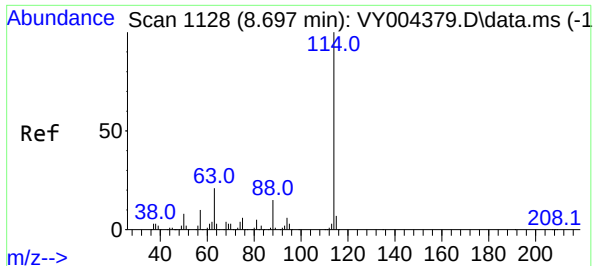
Tgt Ion:168 Resp: 139483  
Ion Ratio Lower Upper  
168 100  
99 56.2 45.5 68.3



#33  
1,2-Dichloroethane-d4  
Concen: 58.20 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. -0.006 min  
Lab File: VY004544.D  
Acq: 21 Apr 2021 10:30

Tgt Ion: 65 Resp: 90198  
Ion Ratio Lower Upper  
65 100  
67 52.6 0.0 106.4



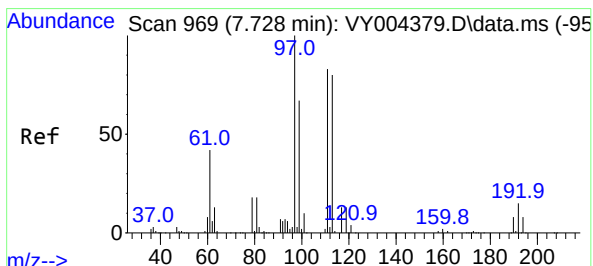
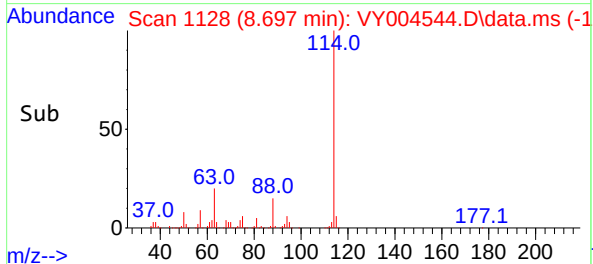
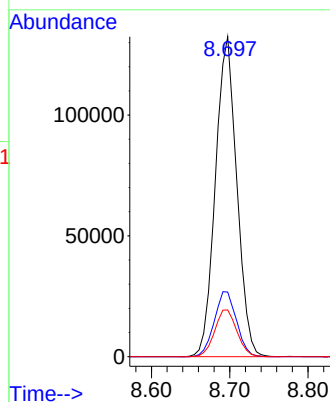
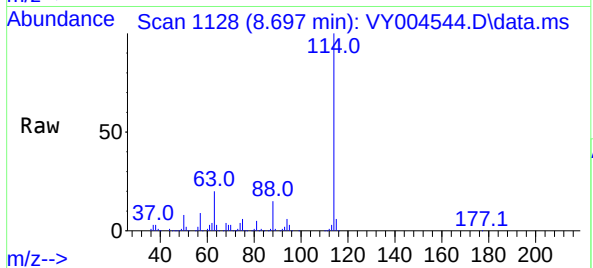


#34

1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. 0.000 min  
Lab File: VY004544.D  
Acq: 21 Apr 2021 10:30

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0421SBL01

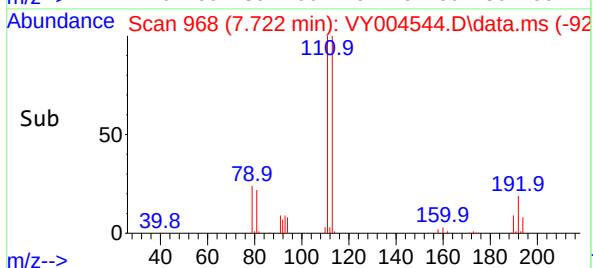
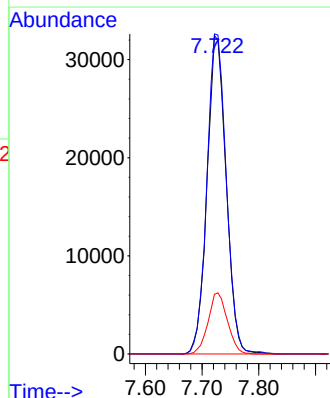
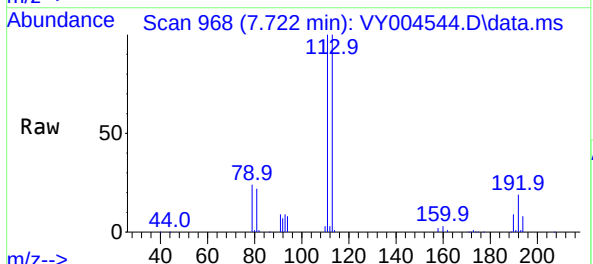
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:114 | Resp: | 251361      |
| Ion         | Ratio | Lower Upper |
| 114         | 100   |             |
| 63          | 20.2  | 0.0 42.4    |
| 88          | 14.6  | 0.0 30.8    |

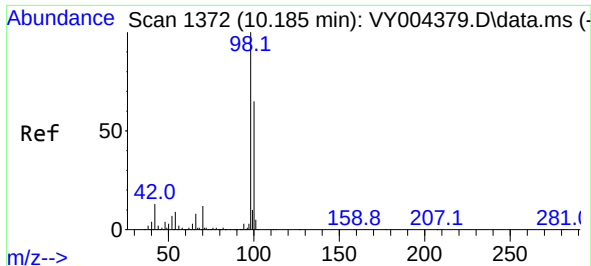


#35

Dibromofluoromethane  
Concen: 54.18 ug/l  
RT: 7.722 min Scan# 968  
Delta R.T. -0.006 min  
Lab File: VY004544.D  
Acq: 21 Apr 2021 10:30

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:113 | Resp: | 75578       |
| Ion         | Ratio | Lower Upper |
| 113         | 100   |             |
| 111         | 102.5 | 82.6 123.8  |
| 192         | 19.5  | 16.1 24.1   |

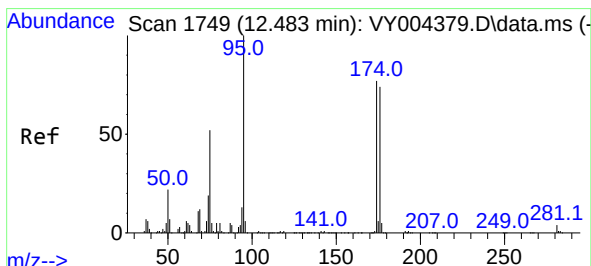
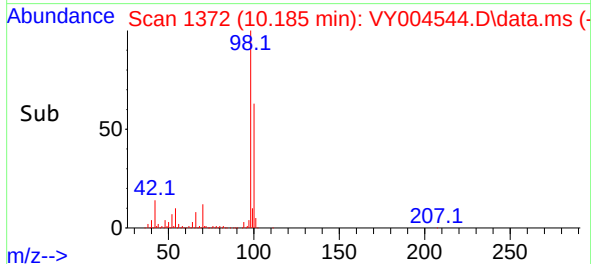
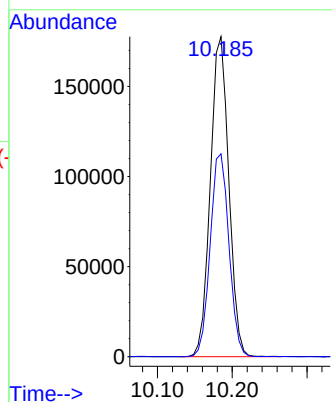
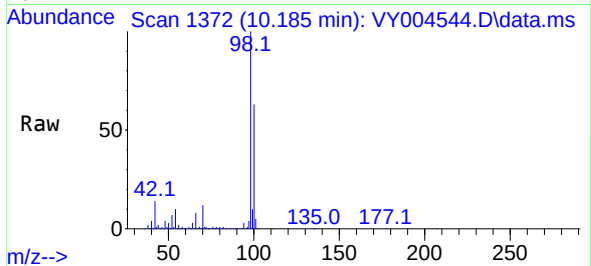




#50  
Toluene-d8  
Concen: 51.38 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. 0.000 min  
Lab File: VY004544.D  
Acq: 21 Apr 2021 10:30

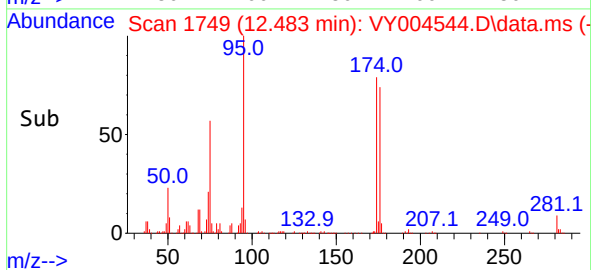
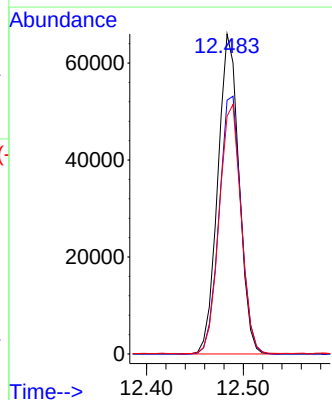
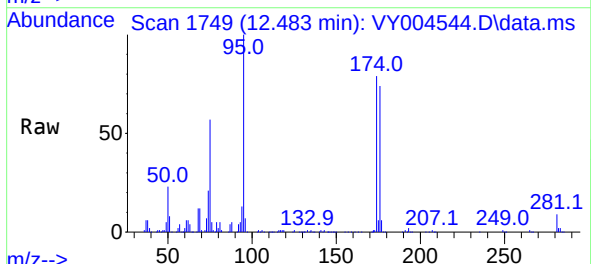
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0421SBL01

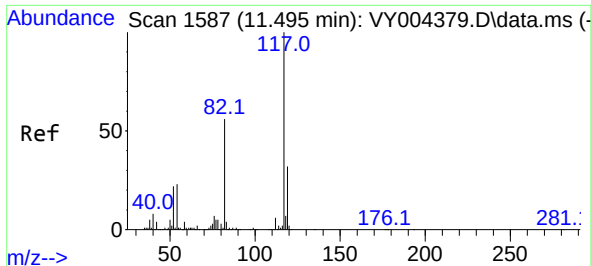
Tgt Ion: 98 Resp: 304839  
Ion Ratio Lower Upper  
98 100  
100 64.6 51.8 77.6



#62  
4-Bromofluorobenzene  
Concen: 49.78 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY004544.D  
Acq: 21 Apr 2021 10:30

Tgt Ion: 95 Resp: 100229  
Ion Ratio Lower Upper  
95 100  
174 83.4 0.0 162.4  
176 80.9 0.0 156.0

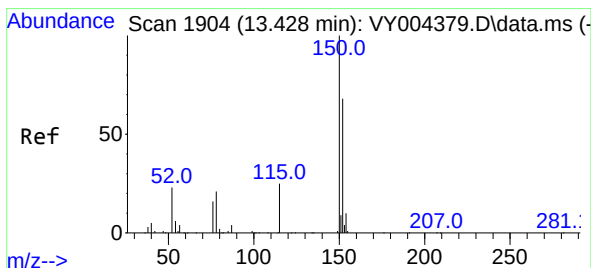
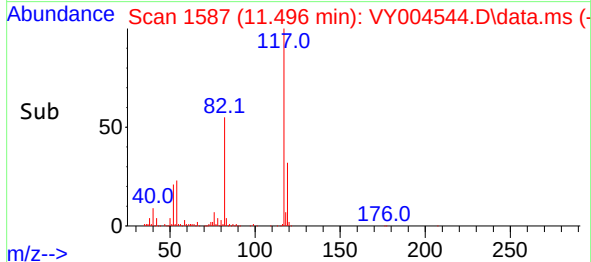
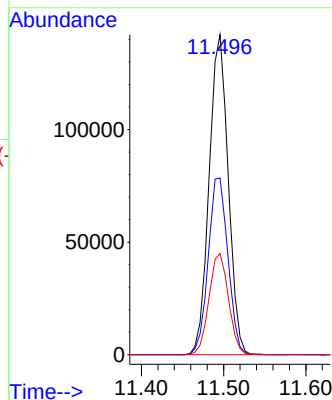
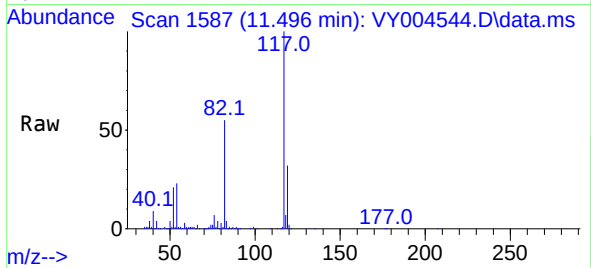




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.496 min Scan# 1587  
Delta R.T. 0.000 min  
Lab File: VY004544.D  
Acq: 21 Apr 2021 10:30

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0421SBL01

Tgt Ion:117 Resp: 229273  
Ion Ratio Lower Upper  
117 100  
82 55.2 44.9 67.3  
119 31.7 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: VY004544.D  
Acq: 21 Apr 2021 10:30

Tgt Ion:152 Resp: 103366  
Ion Ratio Lower Upper  
152 100  
115 58.8 29.6 88.8  
150 156.8 0.0 348.4

