

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092921\  
 Data File : VU045018.D  
 Acq On : 30 Sep 2021 01:53  
 Operator : SY/MD  
 Sample : PB139450ZHE#01  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 PB139450ZHE#01

Quant Time: Sep 30 05:28:57 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U092821W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 28 12:32:13 2021  
 Response via : Initial Calibration

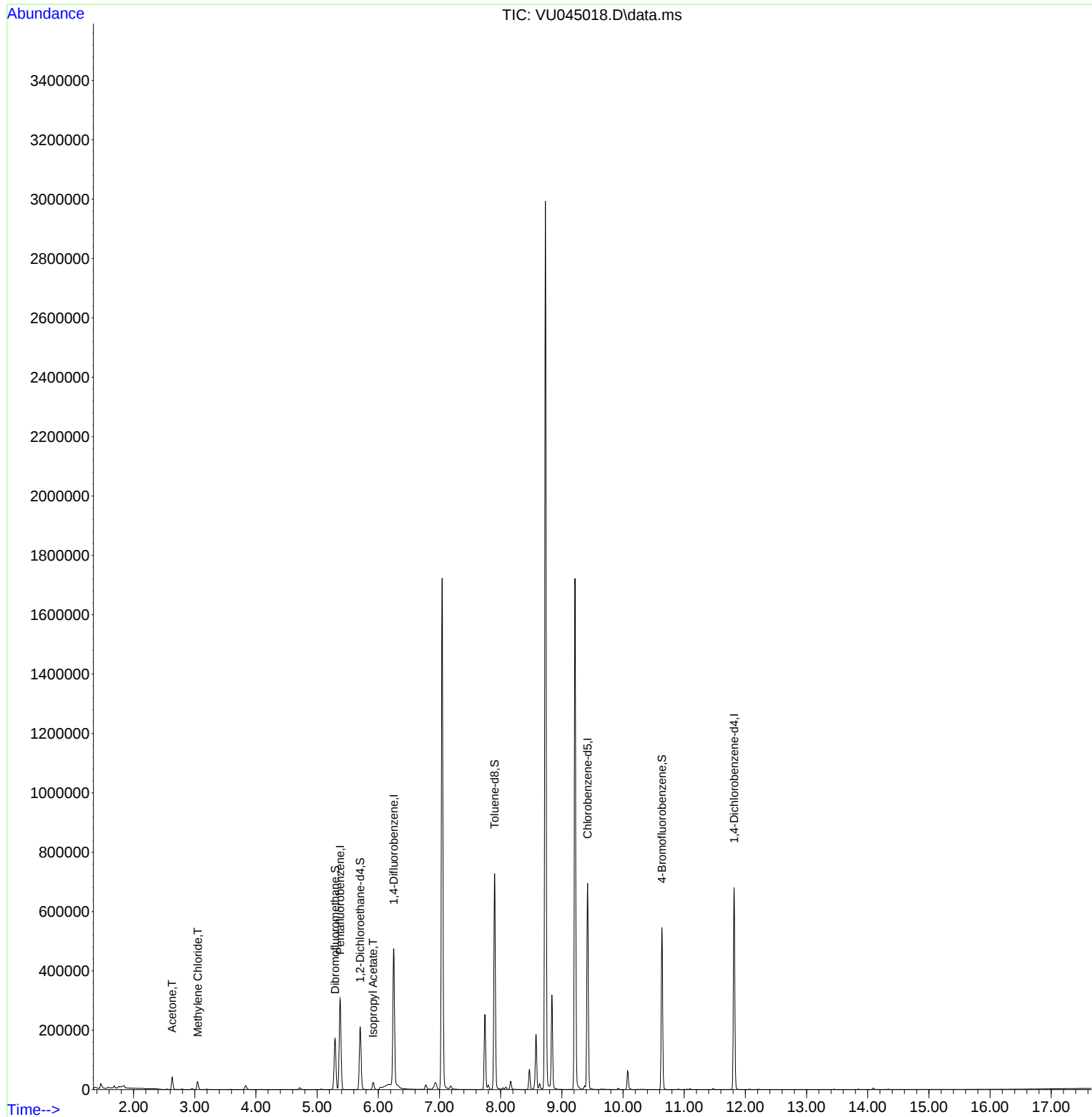
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.375  | 168   | 198555   | 50.00    | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.253  | 114   | 358453   | 50.00    | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 9.420  | 117   | 357403   | 50.00    | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 11.815 | 152   | 166310   | 50.00    | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.703  | 65    | 156542   | 47.36    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 94.72%   |
| 35) Dibromofluoromethane    | 5.292  | 113   | 109246   | 48.31    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 96.62%   |
| 50) Toluene-d8              | 7.902  | 98    | 462348   | 51.75    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 103.50%  |
| 62) 4-Bromofluorobenzene    | 10.635 | 95    | 180945   | 49.05    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 98.10%   |
| Target Compounds            |        |       |          |          |       |          |
| 16) Acetone                 | 2.629  | 43    | 48002    | 24.47    | ug/l  | 99       |
| 20) Methylene Chloride      | 3.047  | 84    | 12495    | 4.23     | ug/l  | 96       |
| 43) Isopropyl Acetate       | 5.915  | 43    | 26128    | 3.50     | ug/l  | 99       |
| -----                       |        |       |          |          |       |          |

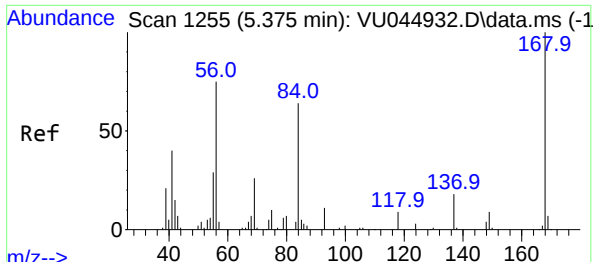
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092921\  
Data File : VU045018.D  
Acq On : 30 Sep 2021 01:53  
Operator : SY/MD  
Sample : PB139450ZHE#01  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
PB139450ZHE#01

Quant Time: Sep 30 05:28:57 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U092821W.M  
Quant Title : SW846 8260  
QLast Update : Tue Sep 28 12:32:13 2021  
Response via : Initial Calibration

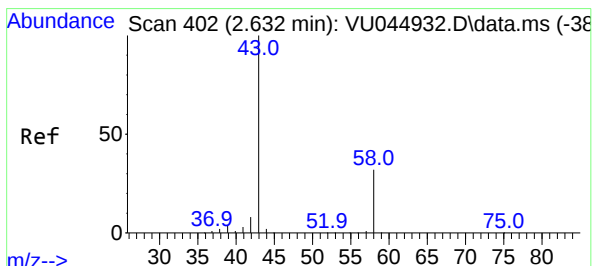
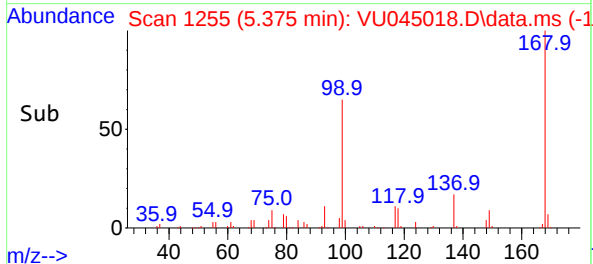
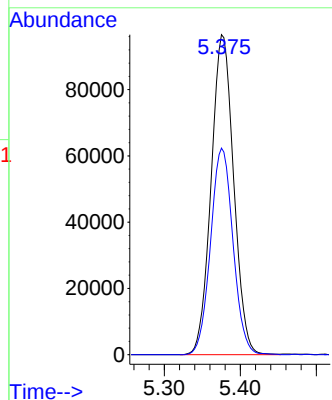
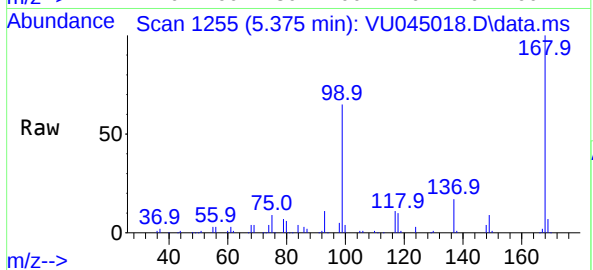




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.375 min Scan# 1255  
Delta R.T. 0.000 min  
Lab File: VU045018.D  
Acq: 30 Sep 2021 01:53

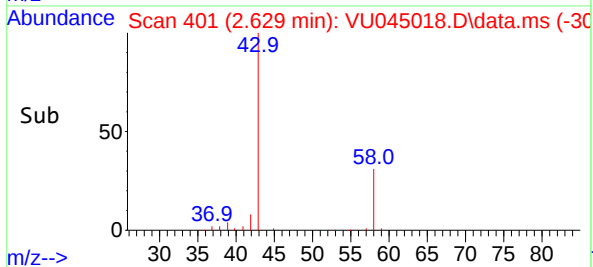
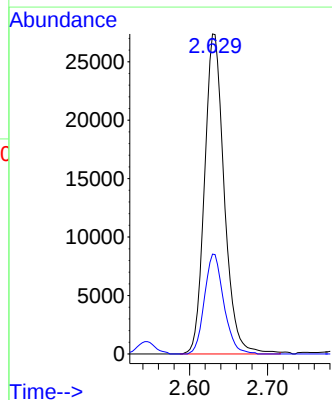
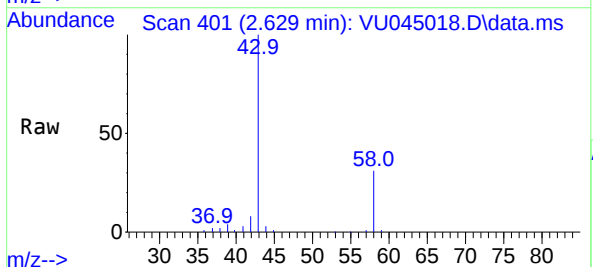
Instrument :  
MSVOA\_U  
ClientSampleId :  
PB139450ZHE#01

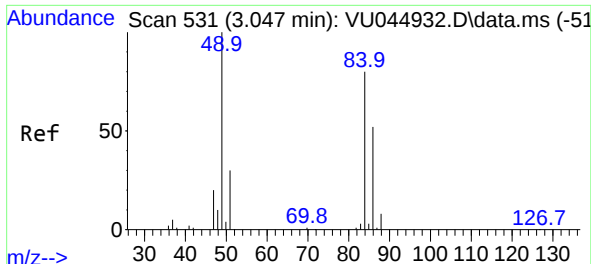
Tgt Ion:168 Resp: 198555  
Ion Ratio Lower Upper  
168 100  
99 64.5 51.4 77.0



#16  
Acetone  
Concen: 24.47 ug/l  
RT: 2.629 min Scan# 401  
Delta R.T. -0.003 min  
Lab File: VU045018.D  
Acq: 30 Sep 2021 01:53

Tgt Ion: 43 Resp: 48002  
Ion Ratio Lower Upper  
43 100  
58 31.2 25.2 37.8



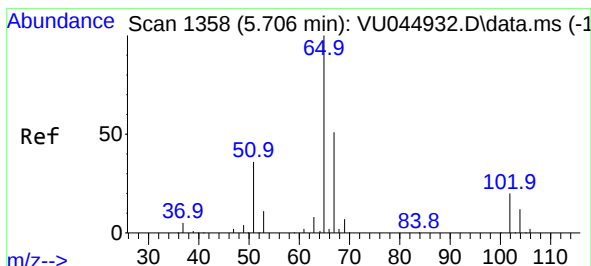
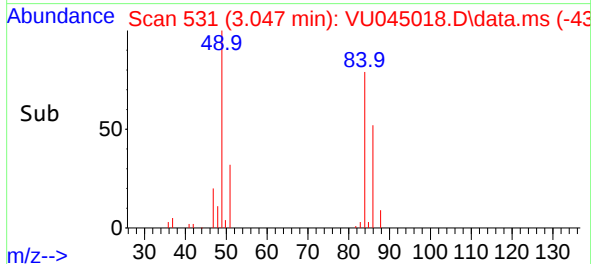
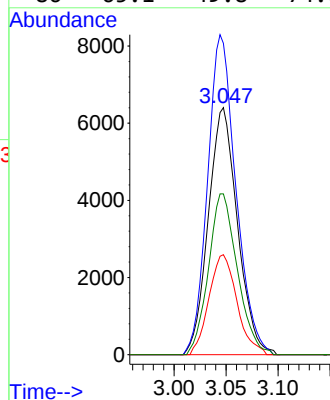
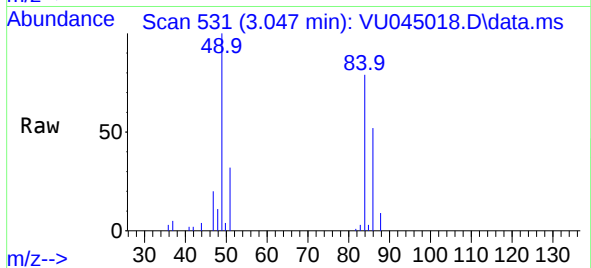


#20  
Methylene Chloride  
Concen: 4.23 ug/l  
RT: 3.047 min Scan# 531  
Delta R.T. 0.000 min  
Lab File: VU045018.D  
Acq: 30 Sep 2021 01:53

Instrument :  
MSVOA\_U  
ClientSampleId :  
PB139450ZHE#01

Tgt Ion: 84 Resp: 12495

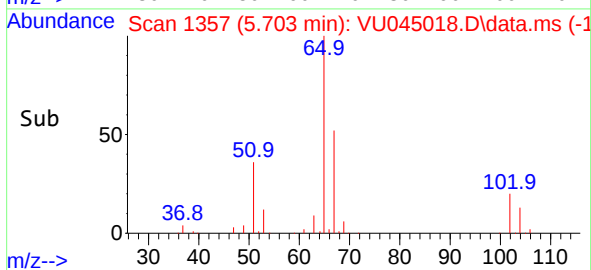
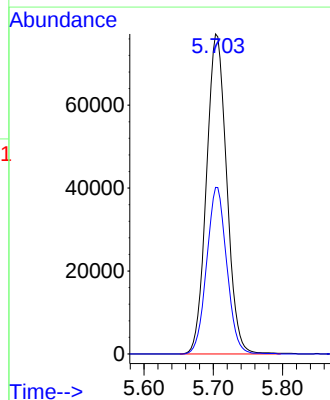
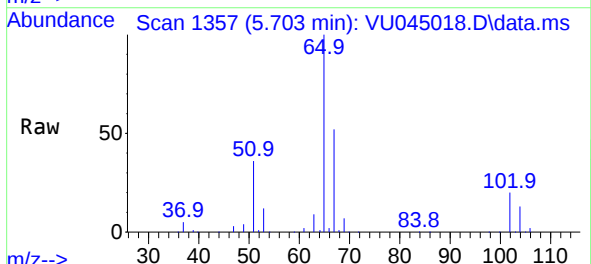
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 126.1 | 104.9 | 157.3 |
| 51  | 40.5  | 31.8  | 47.8  |
| 86  | 65.1  | 49.8  | 74.6  |

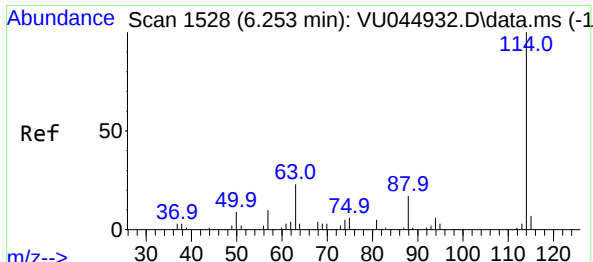


#33  
1,2-Dichloroethane-d4  
Concen: 47.36 ug/l  
RT: 5.703 min Scan# 1357  
Delta R.T. -0.003 min  
Lab File: VU045018.D  
Acq: 30 Sep 2021 01:53

Tgt Ion: 65 Resp: 156542

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 51.6  | 0.0   | 104.8 |



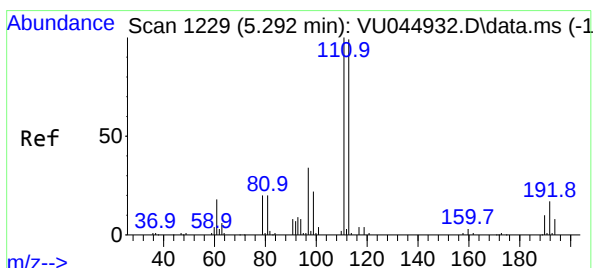
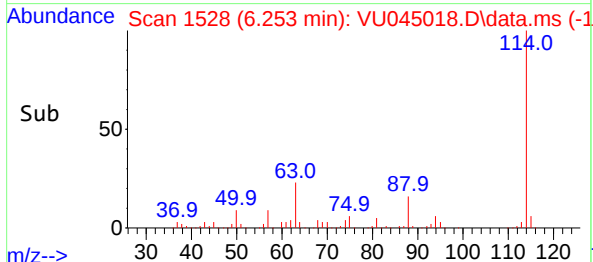
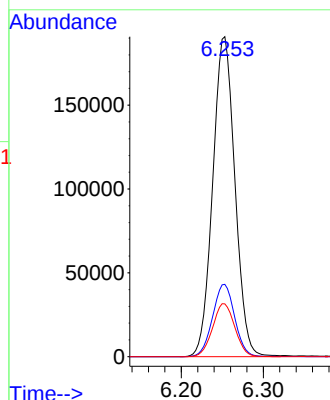
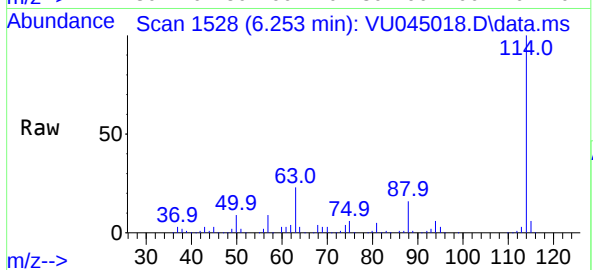


#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.253 min Scan# 1528  
Delta R.T. -0.000 min  
Lab File: VU045018.D  
Acq: 30 Sep 2021 01:53

Instrument :  
MSVOA\_U  
ClientSampleId :  
PB139450ZHE#01

Tgt Ion:114 Resp: 358453

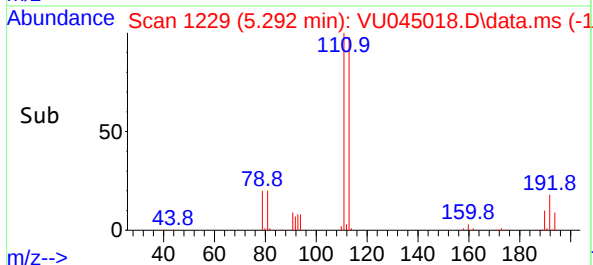
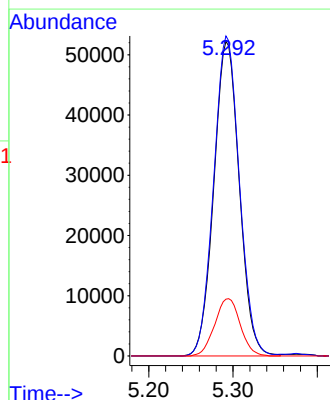
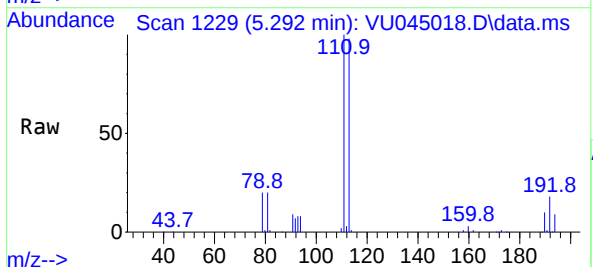
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 114 | 100   |       |       |
| 63  | 22.6  | 0.0   | 47.8  |
| 88  | 16.5  | 0.0   | 32.8  |

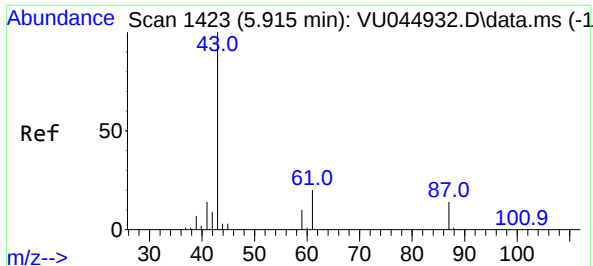


#35  
Dibromofluoromethane  
Concen: 48.31 ug/l  
RT: 5.292 min Scan# 1229  
Delta R.T. -0.000 min  
Lab File: VU045018.D  
Acq: 30 Sep 2021 01:53

Tgt Ion:113 Resp: 109246

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 102.9 | 84.1  | 126.1 |
| 192 | 18.3  | 14.8  | 22.2  |

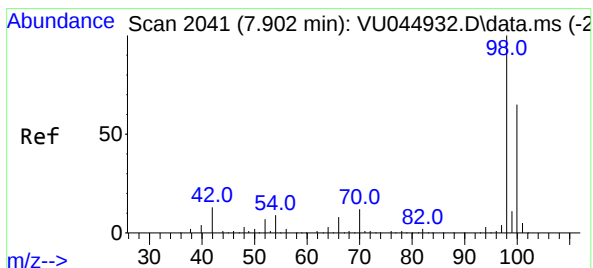
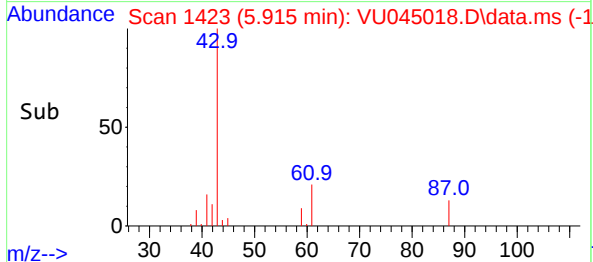
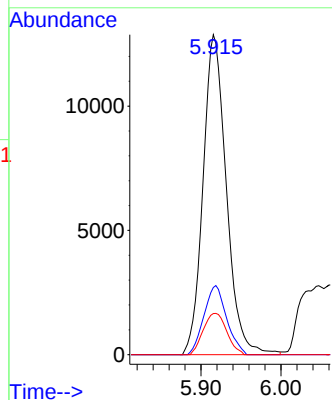
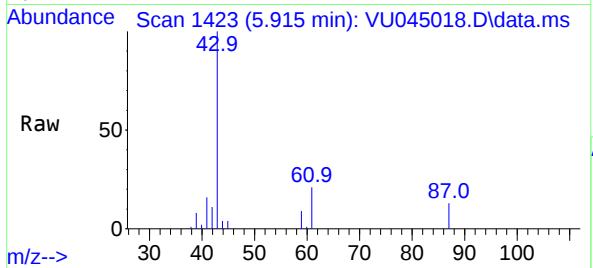




#43  
Isopropyl Acetate  
Concen: 3.50 ug/l  
RT: 5.915 min Scan# 1423  
Delta R.T. 0.000 min  
Lab File: VU045018.D  
Acq: 30 Sep 2021 01:53

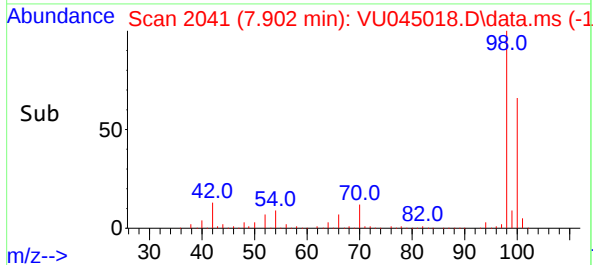
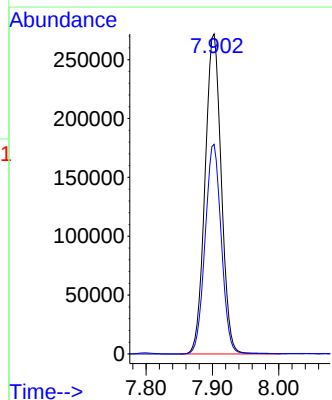
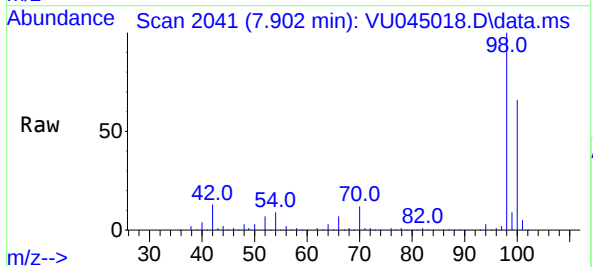
Instrument :  
MSVOA\_U  
ClientSampleId :  
PB139450ZHE#01

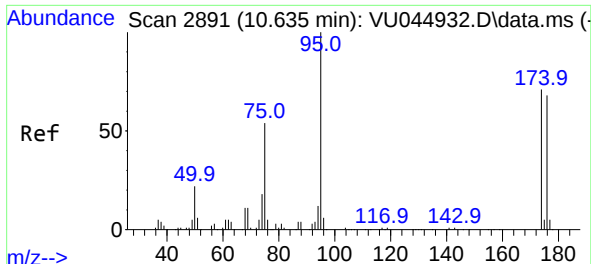
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 26128 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 21.0  | 16.1  | 24.1  |
| 87       | 13.1  | 10.3  | 15.5  |



#50  
Toluene-d8  
Concen: 51.75 ug/l  
RT: 7.902 min Scan# 2041  
Delta R.T. 0.000 min  
Lab File: VU045018.D  
Acq: 30 Sep 2021 01:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 462348 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 65.4  | 52.5  | 78.7   |

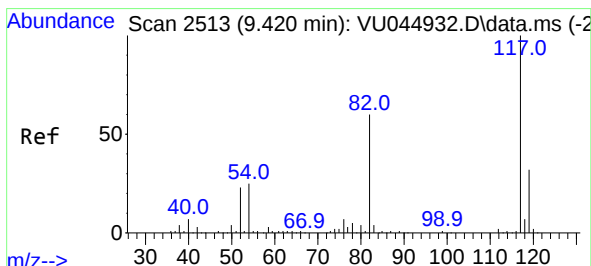
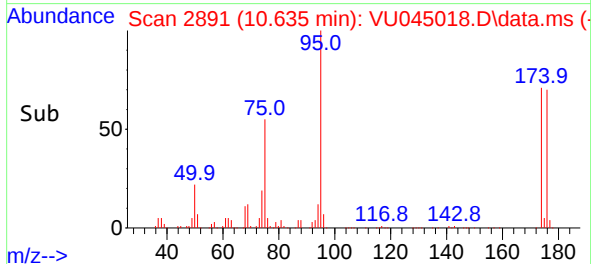
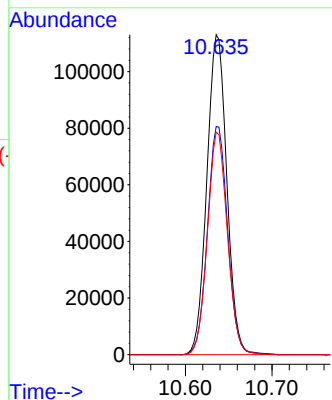
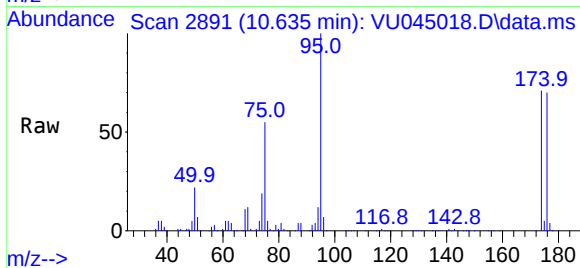




#62  
4-Bromofluorobenzene  
Concen: 49.05 ug/l  
RT: 10.635 min Scan# 2891  
Delta R.T. 0.000 min  
Lab File: VU045018.D  
Acq: 30 Sep 2021 01:53

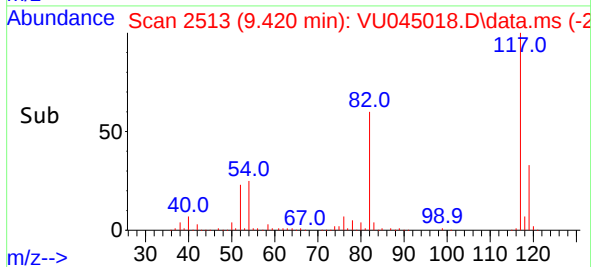
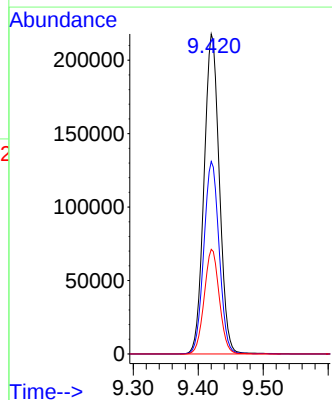
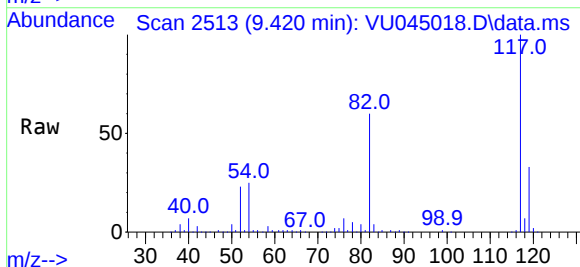
Instrument :  
MSVOA\_U  
ClientSampleId :  
PB139450ZHE#01

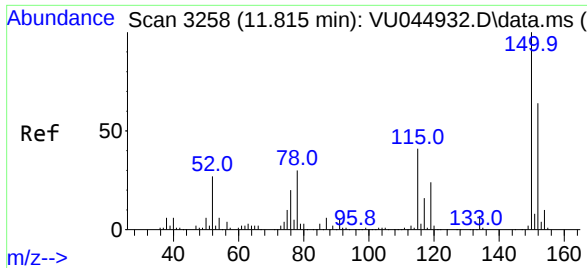
Tgt Ion: 95 Resp: 180945  
Ion Ratio Lower Upper  
95 100  
174 72.1 0.0 146.6  
176 69.5 0.0 141.2



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 9.420 min Scan# 2513  
Delta R.T. 0.000 min  
Lab File: VU045018.D  
Acq: 30 Sep 2021 01:53

Tgt Ion: 117 Resp: 357403  
Ion Ratio Lower Upper  
117 100  
82 60.2 47.8 71.8  
119 32.7 25.8 38.6





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 11.815 min Scan# 3258  
 Delta R.T. 0.000 min  
 Lab File: VU045018.D  
 Acq: 30 Sep 2021 01:53

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 PB139450ZHE#01

Tgt Ion:152 Resp: 166310  
 Ion Ratio Lower Upper  
 152 100  
 115 62.0 43.5 130.7  
 150 159.8 0.0 350.0

