

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU061421\  
 Data File : VU044203.D  
 Acq On : 15 Jun 2021 00:27  
 Operator : SY/MD  
 Sample : PB137053TB  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 PB137053TB

Quant Time: Jun 15 04:59:17 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U060921W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 10 05:11:37 2021  
 Response via : Initial Calibration

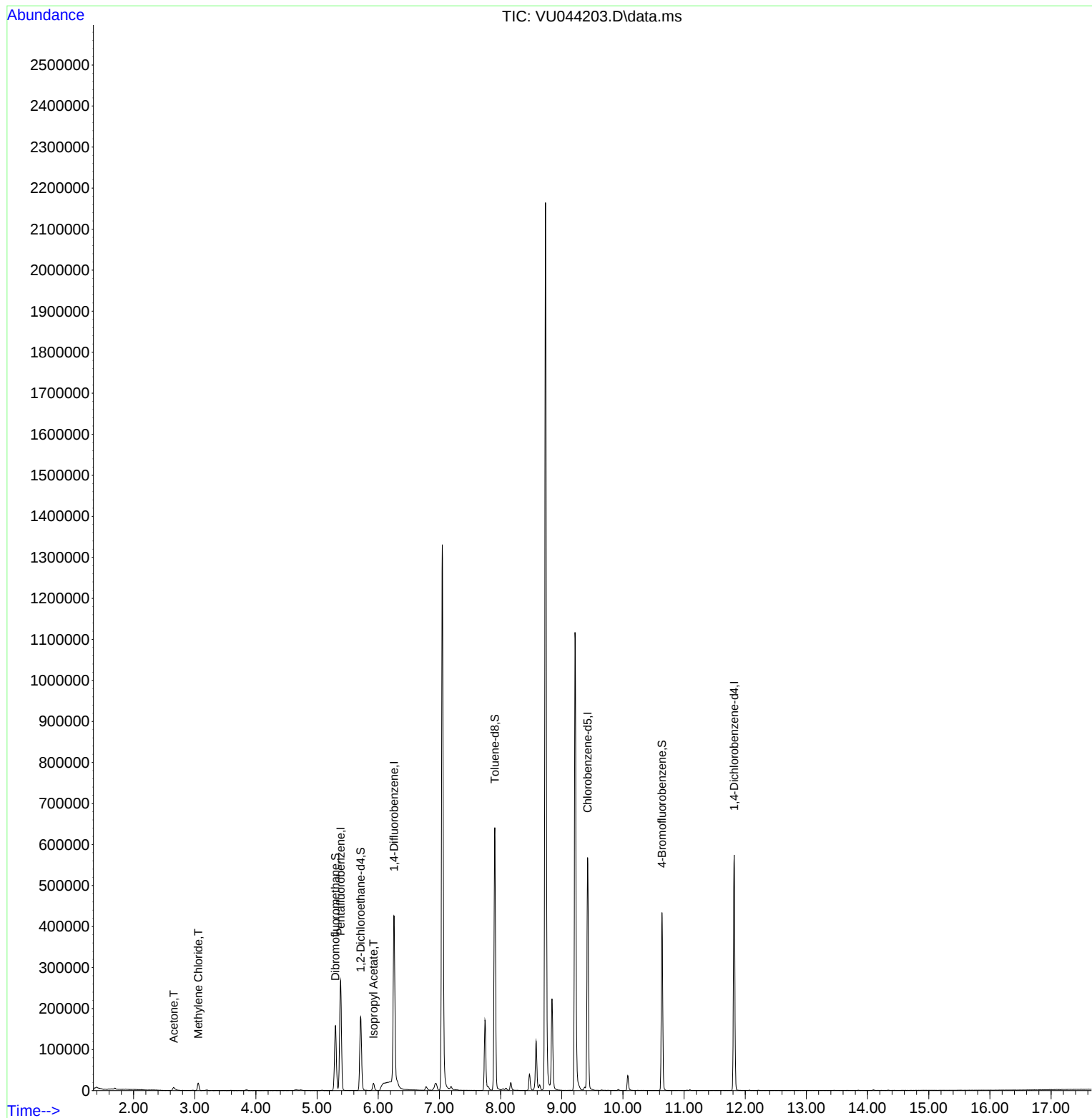
| Compound                    | R.T.   | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|--------|---------|----------|
| -----                       |        |      |          |        |         |          |
| Internal Standards          |        |      |          |        |         |          |
| 1) Pentafluorobenzene       | 5.385  | 168  | 178348   | 50.000 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.259  | 114  | 321455   | 50.000 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 9.423  | 117  | 311636   | 50.000 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 11.819 | 152  | 147467   | 50.000 | ug/l    | 0.00     |
| System Monitoring Compounds |        |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 5.713  | 65   | 134548   | 47.440 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 94.880% |          |
| 35) Dibromofluoromethane    | 5.301  | 113  | 104252   | 46.622 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 93.240% |          |
| 50) Toluene-d8              | 7.906  | 98   | 413688   | 48.172 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 96.340% |          |
| 62) 4-Bromofluorobenzene    | 10.639 | 95   | 147009   | 42.716 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 85.440% |          |
| Target Compounds            |        |      |          |        |         |          |
|                             |        |      |          |        | Qvalue  |          |
| 16) Acetone                 | 2.655  | 43   | 14299    | 7.689  | ug/l    | 89       |
| 20) Methylene Chloride      | 3.057  | 84   | 9161     | 2.444  | ug/l    | 95       |
| 43) Isopropyl Acetate       | 5.922  | 43   | 19052    | 3.135  | ug/l    | 98       |
| -----                       |        |      |          |        |         |          |

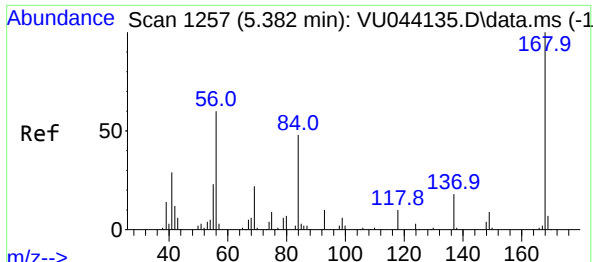
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : PB137053TB  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
PB137053TB

Quant Time: Jun 15 04:59:17 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U060921W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jun 10 05:11:37 2021  
Response via : Initial Calibration

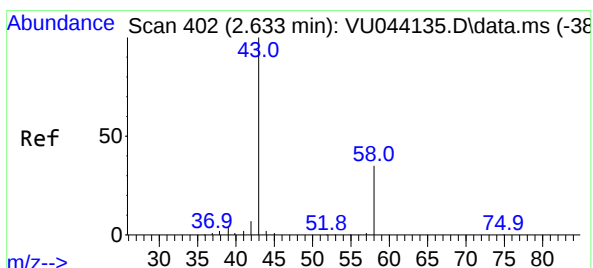
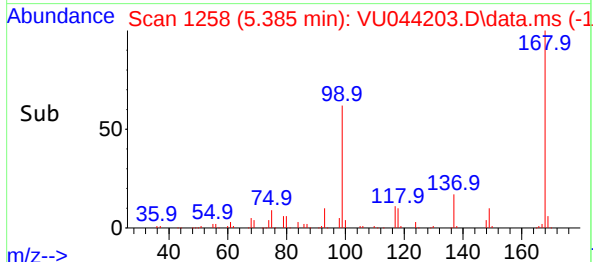
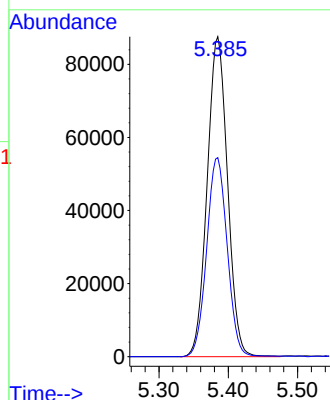
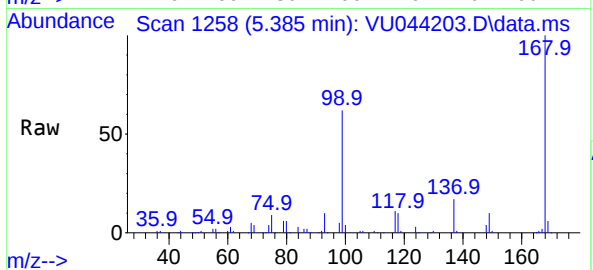




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.385 min Scan# 1258  
Delta R.T. 0.003 min  
Lab File: VU044203.D  
Acq: 15 Jun 2021 00:27

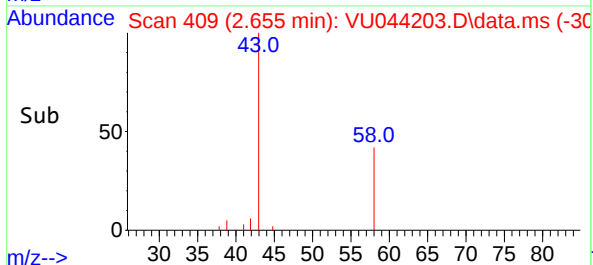
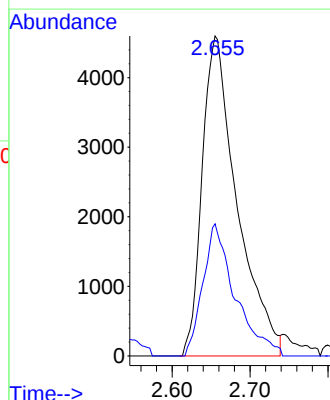
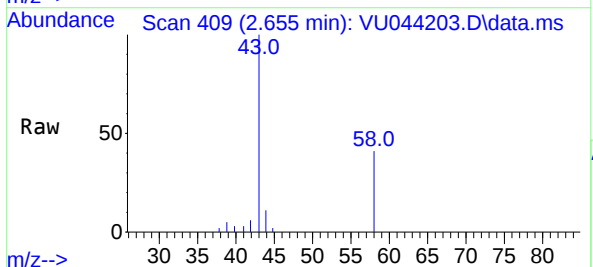
Instrument :  
MSVOA\_U  
ClientSampleId :  
PB137053TB

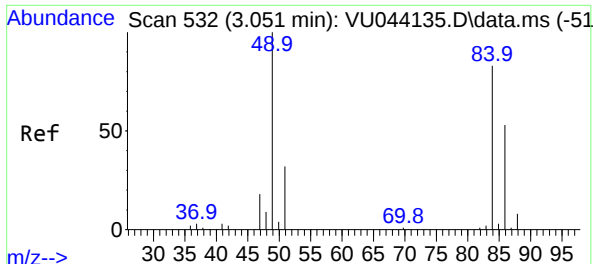
Tgt Ion:168 Resp: 178348  
Ion Ratio Lower Upper  
168 100  
99 62.2 51.3 76.9



#16  
Acetone  
Concen: 7.689 ug/l  
RT: 2.655 min Scan# 409  
Delta R.T. 0.022 min  
Lab File: VU044203.D  
Acq: 15 Jun 2021 00:27

Tgt Ion: 43 Resp: 14299  
Ion Ratio Lower Upper  
43 100  
58 41.3 28.0 42.0



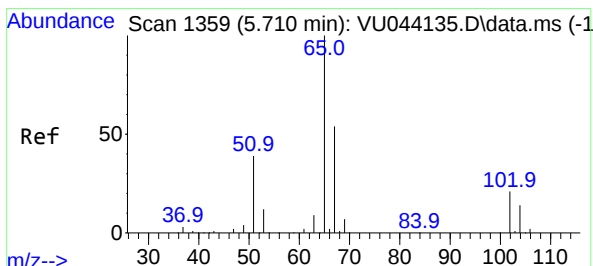
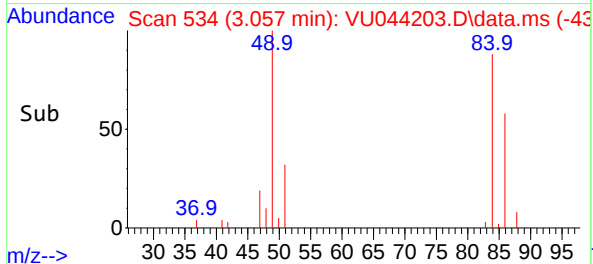
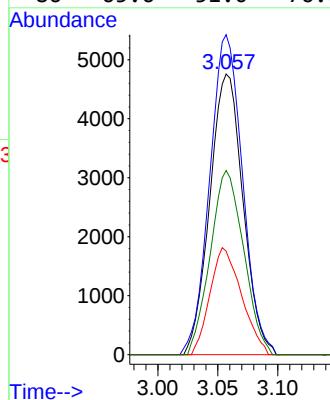
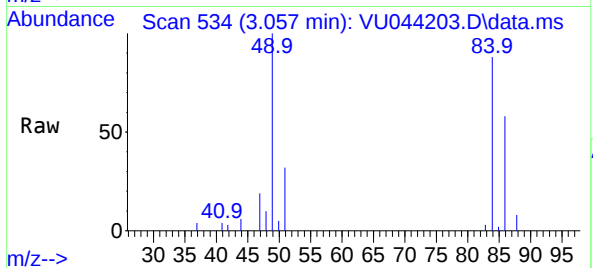


#20  
Methylene Chloride  
Concen: 2.444 ug/l  
RT: 3.057 min Scan# 534  
Delta R.T. 0.006 min  
Lab File: VU044203.D  
Acq: 15 Jun 2021 00:27

Instrument :  
MSVOA\_U  
ClientSampleId :  
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Tgt Ion: 84 Resp: 9161

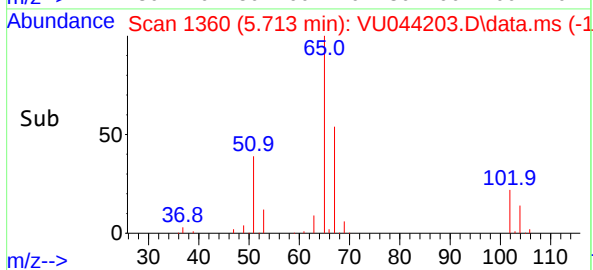
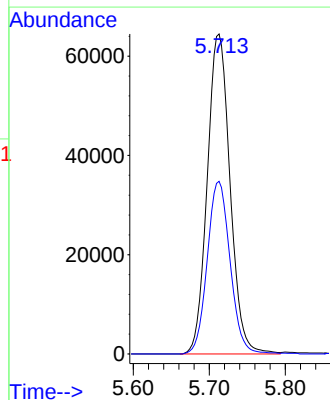
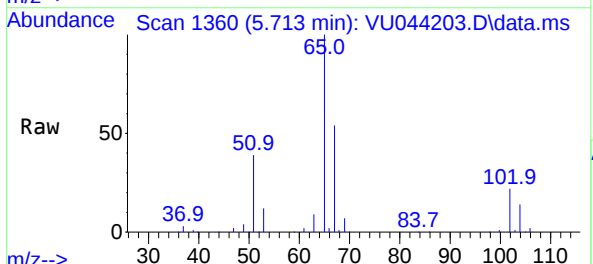
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 114.0 | 96.9  | 145.3 |
| 51  | 36.9  | 31.0  | 46.6  |
| 86  | 65.6  | 51.0  | 76.6  |

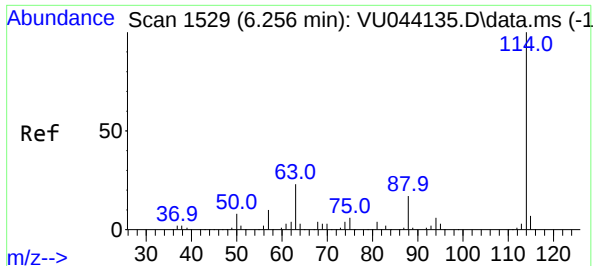


#33  
1,2-Dichloroethane-d4  
Concen: 47.440 ug/l  
RT: 5.713 min Scan# 1360  
Delta R.T. 0.003 min  
Lab File: VU044203.D  
Acq: 15 Jun 2021 00:27

Tgt Ion: 65 Resp: 134548

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 54.1  | 0.0   | 106.6 |

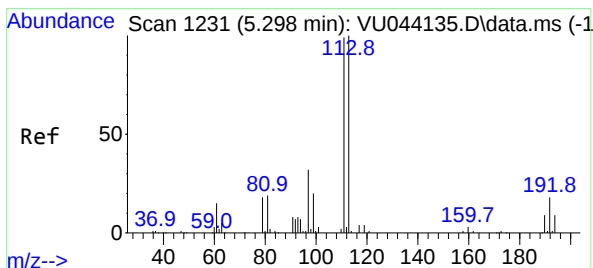
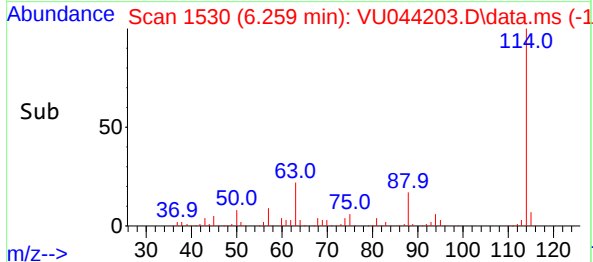
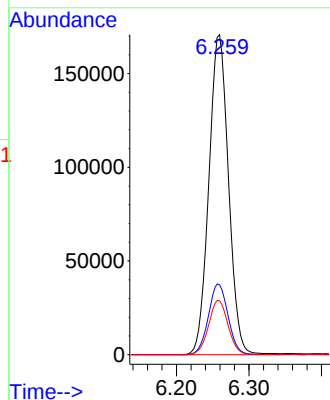
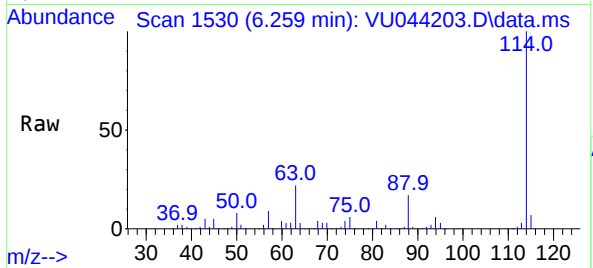




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.259 min Scan# 1530  
Delta R.T. 0.003 min  
Lab File: VU044203.D  
Acq: 15 Jun 2021 00:27

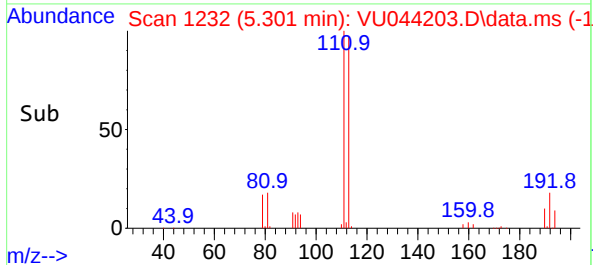
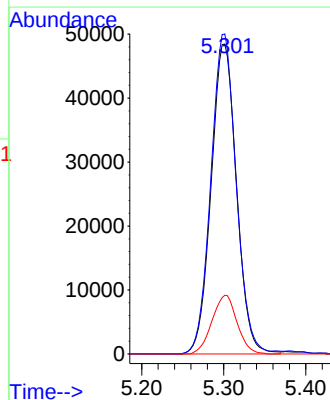
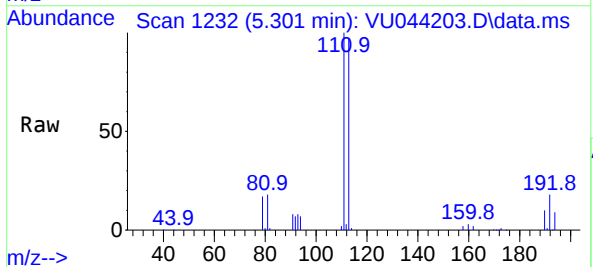
Instrument :  
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ClientSampleId :  
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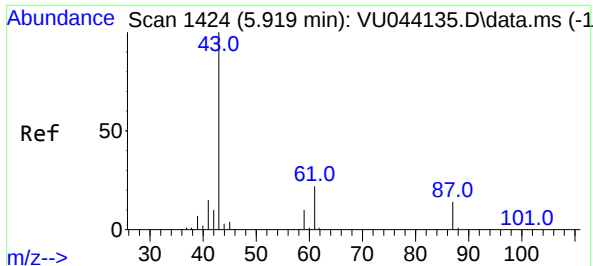
Tgt Ion:114 Resp: 321455  
Ion Ratio Lower Upper  
114 100  
63 21.8 0.0 45.8  
88 16.8 0.0 34.0



#35  
Dibromofluoromethane  
Concen: 46.622 ug/l  
RT: 5.301 min Scan# 1232  
Delta R.T. 0.003 min  
Lab File: VU044203.D  
Acq: 15 Jun 2021 00:27

Tgt Ion:113 Resp: 104252  
Ion Ratio Lower Upper  
113 100  
111 102.9 81.0 121.4  
192 18.7 14.3 21.5

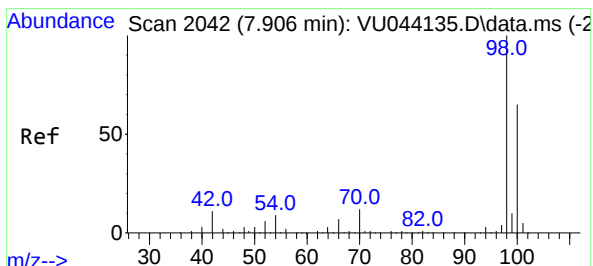
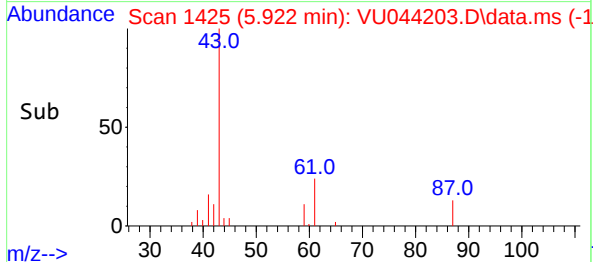
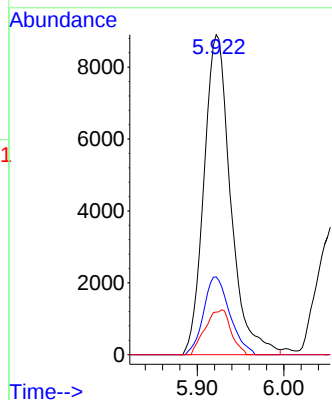
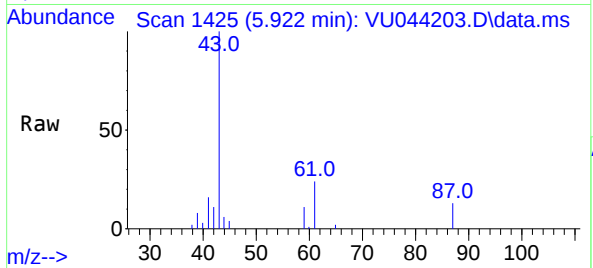




#43  
Isopropyl Acetate  
Concen: 3.135 ug/l  
RT: 5.922 min Scan# 1425  
Delta R.T. 0.003 min  
Lab File: VU044203.D  
Acq: 15 Jun 2021 00:27

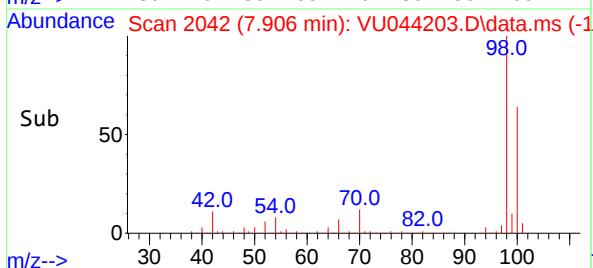
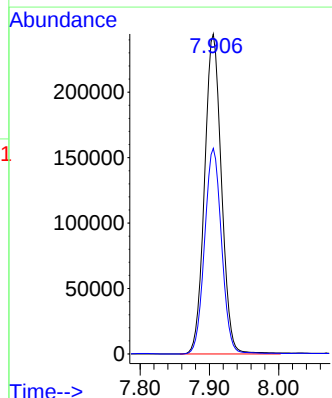
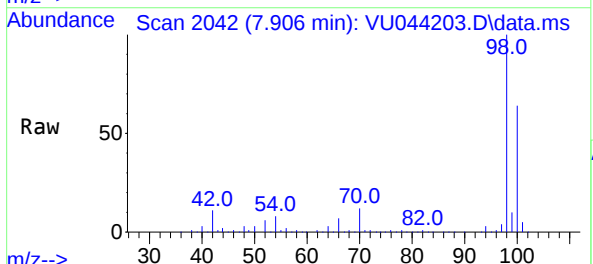
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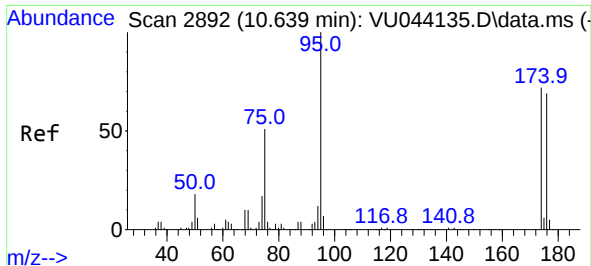
|             |                |
|-------------|----------------|
| Tgt Ion: 43 | Resp: 19052    |
| Ion Ratio   | Lower Upper    |
| 43          | 100            |
| 61          | 23.8 17.8 26.8 |
| 87          | 13.5 11.1 16.7 |



#50  
Toluene-d8  
Concen: 48.172 ug/l  
RT: 7.906 min Scan# 2042  
Delta R.T. -0.000 min  
Lab File: VU044203.D  
Acq: 15 Jun 2021 00:27

|             |                |
|-------------|----------------|
| Tgt Ion: 98 | Resp: 413688   |
| Ion Ratio   | Lower Upper    |
| 98          | 100            |
| 100         | 64.5 52.2 78.4 |

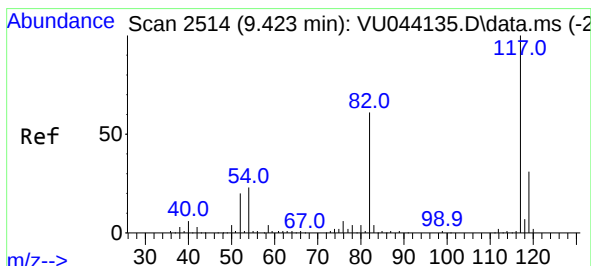
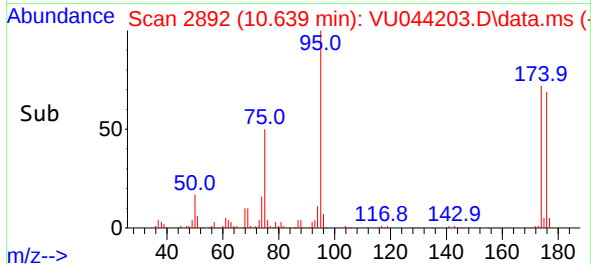
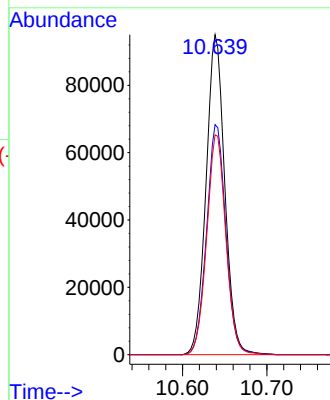
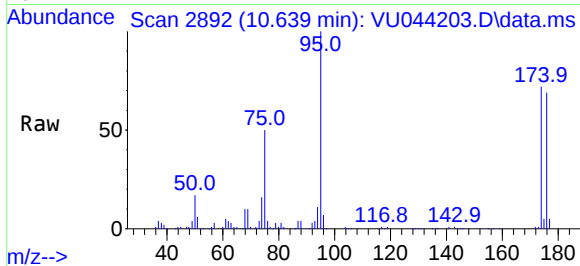




#62  
4-Bromofluorobenzene  
Concen: 42.716 ug/l  
RT: 10.639 min Scan# 2892  
Delta R.T. -0.000 min  
Lab File: VU044203.D  
Acq: 15 Jun 2021 00:27

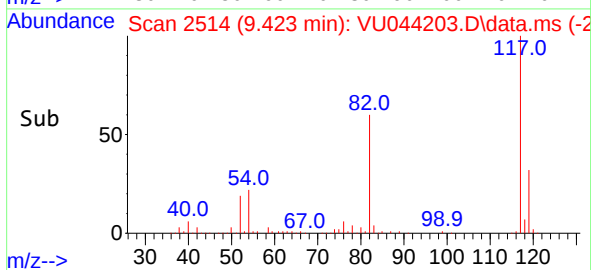
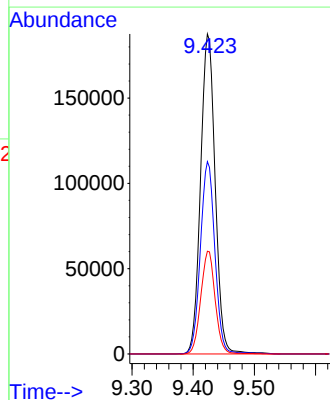
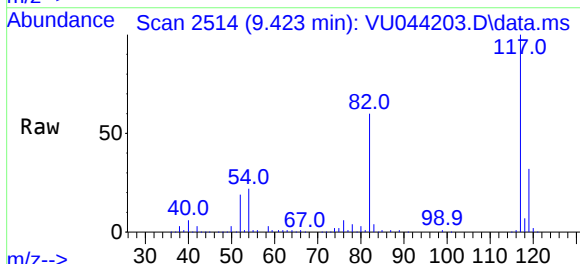
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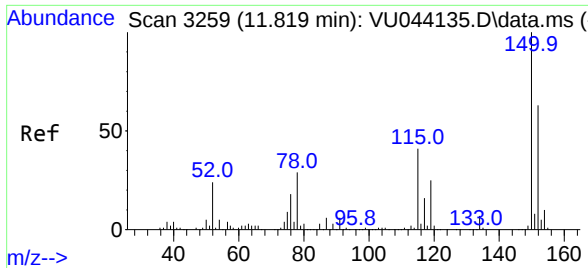
Tgt Ion: 95 Resp: 147009  
Ion Ratio Lower Upper  
95 100  
174 73.9 0.0 144.4  
176 70.1 0.0 138.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.423 min Scan# 2514  
Delta R.T. -0.000 min  
Lab File: VU044203.D  
Acq: 15 Jun 2021 00:27

Tgt Ion: 117 Resp: 311636  
Ion Ratio Lower Upper  
117 100  
82 60.1 48.8 73.2  
119 32.1 25.0 37.6





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 11.819 min Scan# 3259  
 Delta R.T. -0.000 min  
 Lab File: VU044203.D  
 Acq: 15 Jun 2021 00:27

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 PB137053TB

Tgt Ion:152 Resp: 147467  
 Ion Ratio Lower Upper  
 152 100  
 115 61.8 43.8 131.3  
 150 156.8 0.0 350.6

