

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU050621\  
 Data File : VU043586.D  
 Acq On : 06 May 2021 16:23  
 Operator : SY/MD  
 Sample : M2313-02  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 210505001-01-TRIP-BLANK

Quant Time: May 07 02:05:37 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U050621W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 06 07:26:23 2021  
 Response via : Initial Calibration

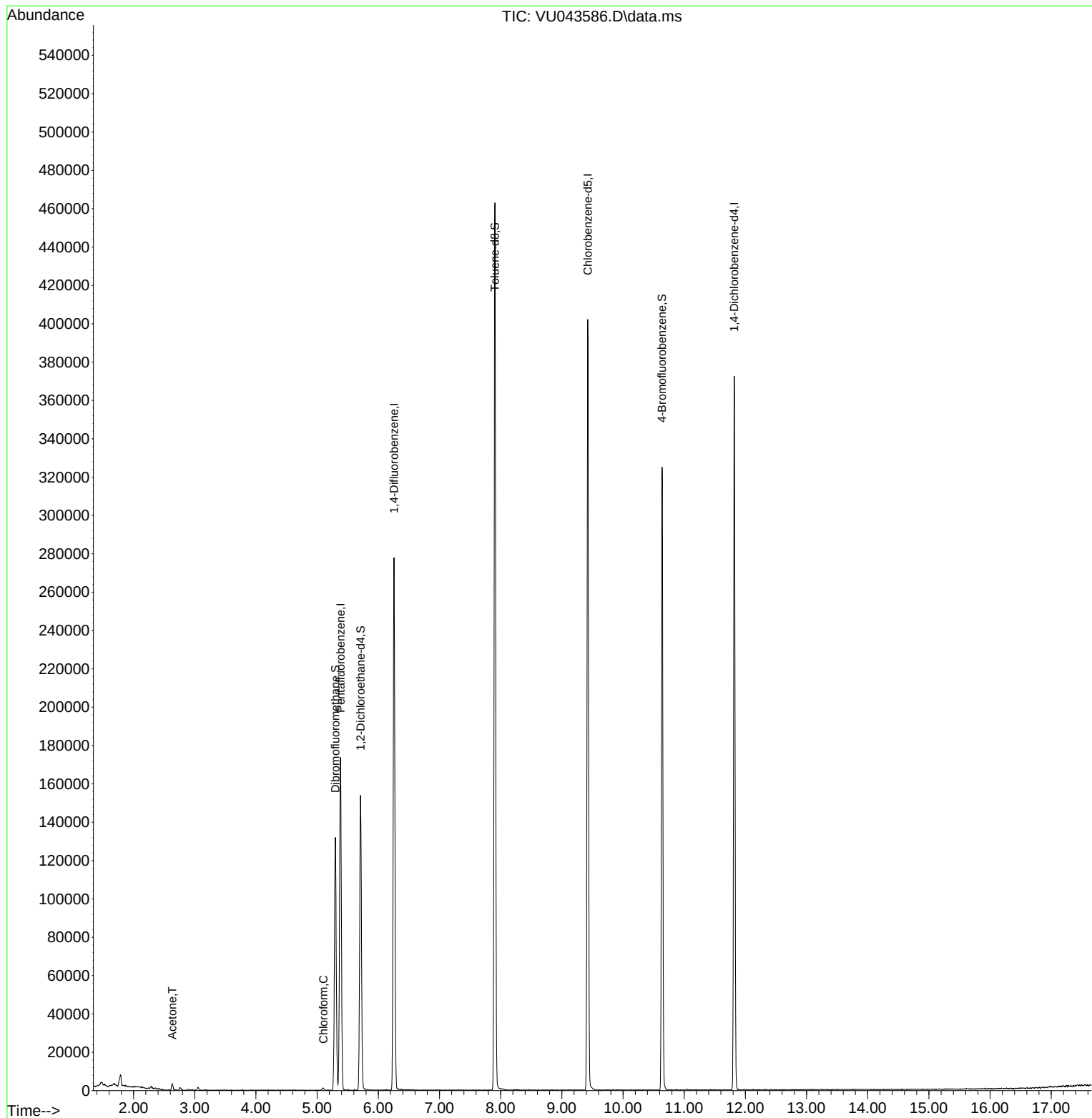
| Compound                    | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|-------|---------|----------|
| -----                       |        |      |          |       |         |          |
| Internal Standards          |        |      |          |       |         |          |
| 1) Pentafluorobenzene       | 5.382  | 168  | 110618   | 50.00 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.256  | 114  | 197660   | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 9.423  | 117  | 196803   | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 11.819 | 152  | 87431    | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |        |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 5.710  | 65   | 117409   | 52.43 | ug/l    | 0.00     |
| Spiked Amount 50.000        |        |      | Recovery | =     | 104.86% |          |
| 35) Dibromofluoromethane    | 5.298  | 113  | 80340    | 50.97 | ug/l    | 0.00     |
| Spiked Amount 50.000        |        |      | Recovery | =     | 101.94% |          |
| 50) Toluene-d8              | 7.906  | 98   | 279858   | 50.07 | ug/l    | 0.00     |
| Spiked Amount 50.000        |        |      | Recovery | =     | 100.14% |          |
| 62) 4-Bromofluorobenzene    | 10.639 | 95   | 95767    | 45.04 | ug/l    | 0.00     |
| Spiked Amount 50.000        |        |      | Recovery | =     | 90.08%  |          |
| Target Compounds            |        |      |          |       |         |          |
| 16) Acetone                 | 2.633  | 43   | 3844     | 3.09  | ug/l    | 91       |
| 30) Chloroform              | 5.102  | 83   | 1075     | 0.35  | ug/l #  | 65       |
| -----                       |        |      |          |       |         |          |

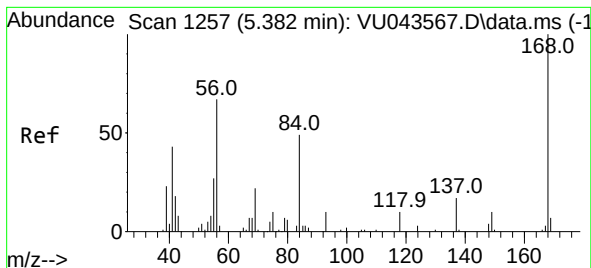
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Operator : SY/MD  
Sample : M2313-02  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
210505001-01-TRIP-BLANK

Quant Time: May 07 02:05:37 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U050621W.M  
Quant Title : SW846 8260  
QLast Update : Thu May 06 07:26:23 2021  
Response via : Initial Calibration

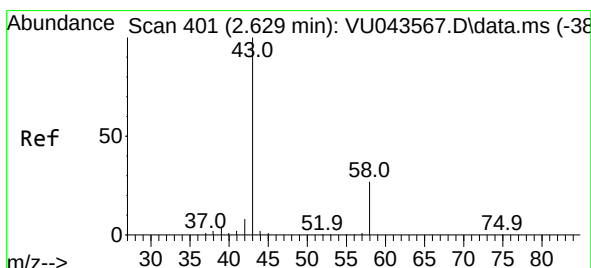
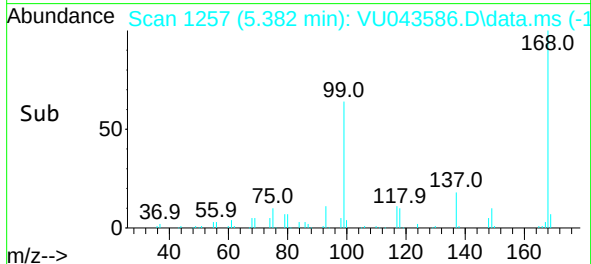
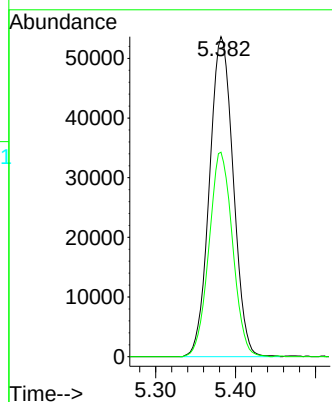
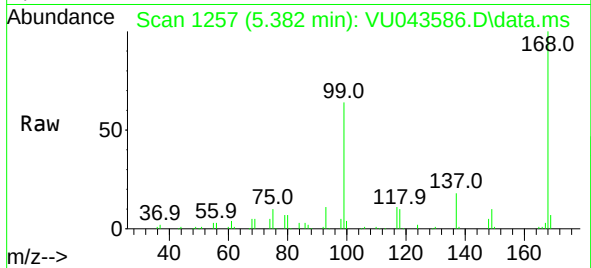




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.382 min Scan# 1257  
Delta R.T. -0.000 min  
Lab File: VU043586.D  
Acq: 06 May 2021 16:23

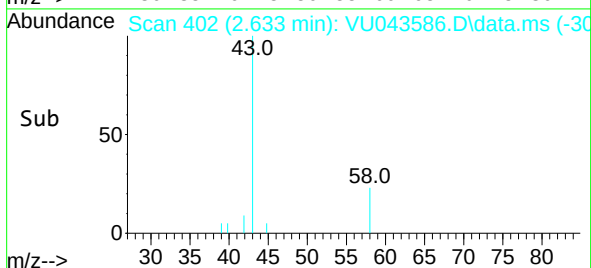
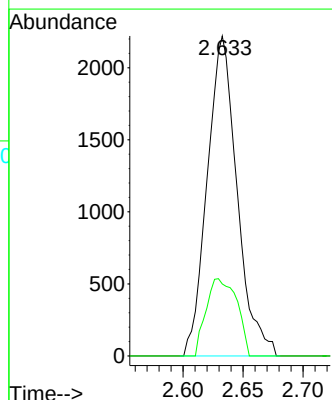
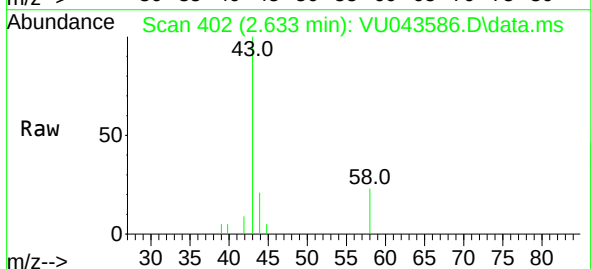
Instrument :  
MSVOA\_U  
ClientSampleId :  
210505001-01-TRIP-BLANK

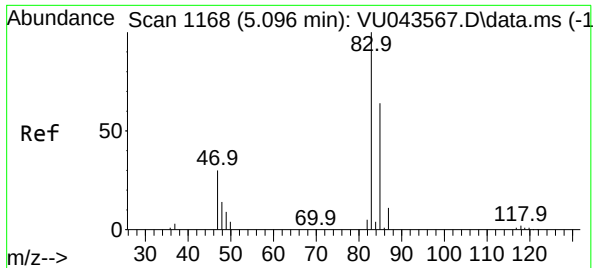
Tgt Ion:168 Resp: 110618  
Ion Ratio Lower Upper  
168 100  
99 63.9 49.0 73.6



#16  
Acetone  
Concen: 3.09 ug/l  
RT: 2.633 min Scan# 402  
Delta R.T. 0.003 min  
Lab File: VU043586.D  
Acq: 06 May 2021 16:23

Tgt Ion: 43 Resp: 3844  
Ion Ratio Lower Upper  
43 100  
58 22.5 21.7 32.5





#30

Chloroform

Concen: 0.35 ug/l

RT: 5.102 min Scan# 1170

Delta R.T. 0.007 min

Lab File: VU043586.D

Acq: 06 May 2021 16:23

Tgt Ion: 83 Resp: 1075

Ion Ratio Lower Upper

83 100

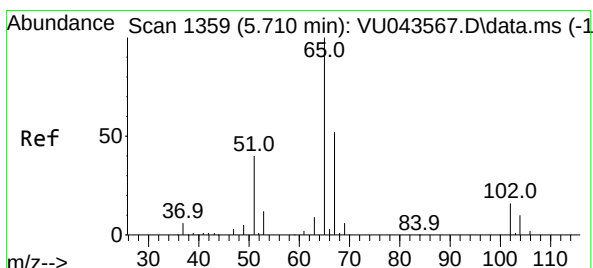
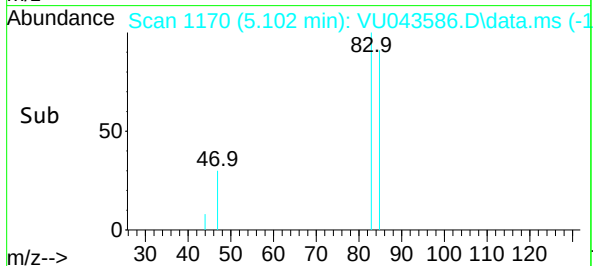
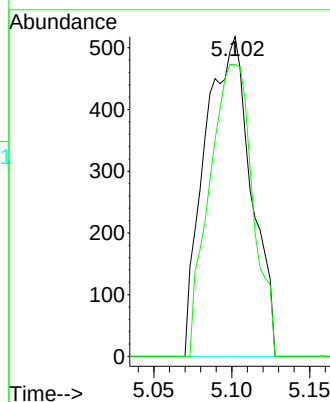
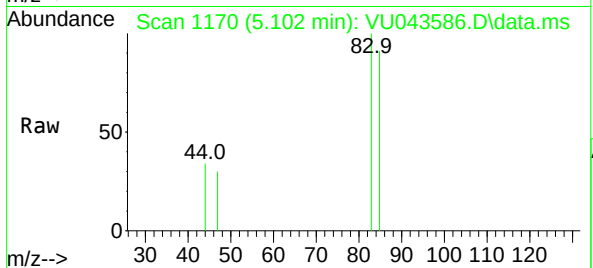
85 91.3 51.2 76.8#

Instrument :

MSVOA\_U

ClientSampleId :

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#33

1,2-Dichloroethane-d4

Concen: 52.43 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. 0.000 min

Lab File: VU043586.D

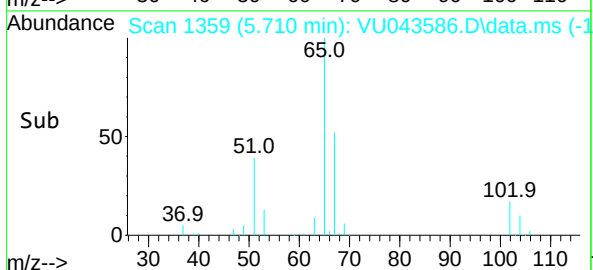
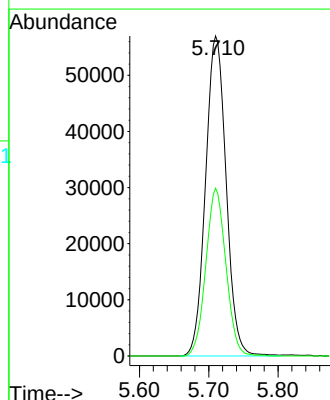
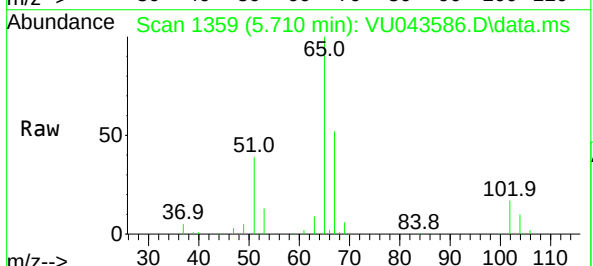
Acq: 06 May 2021 16:23

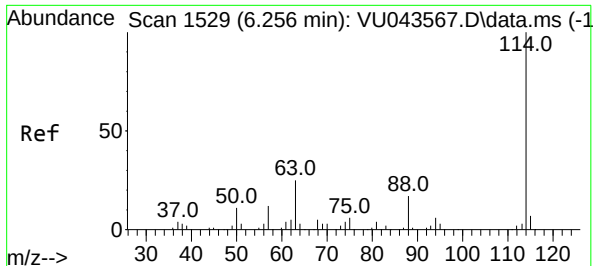
Tgt Ion: 65 Resp: 117409

Ion Ratio Lower Upper

65 100

67 50.9 0.0 104.6

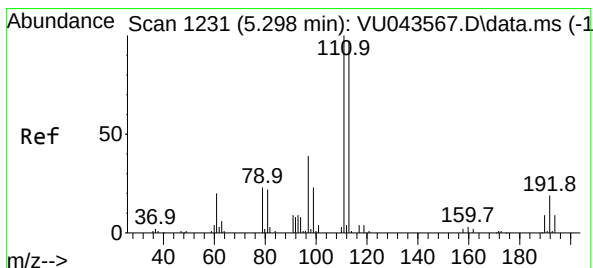
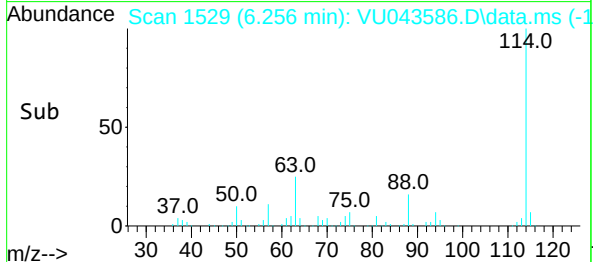
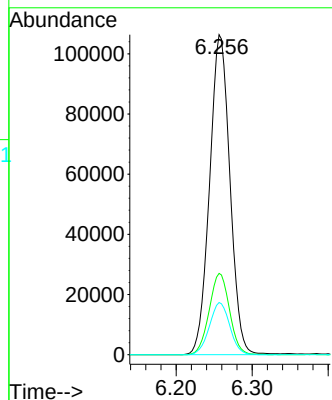
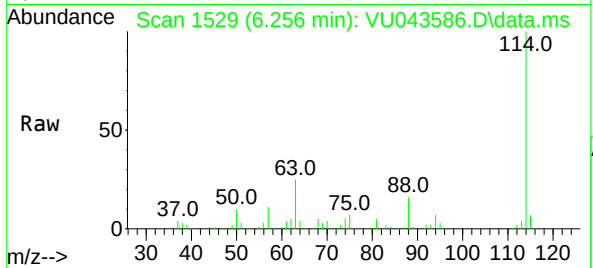




#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.256 min Scan# 1529  
Delta R.T. 0.000 min  
Lab File: VU043586.D  
Acq: 06 May 2021 16:23

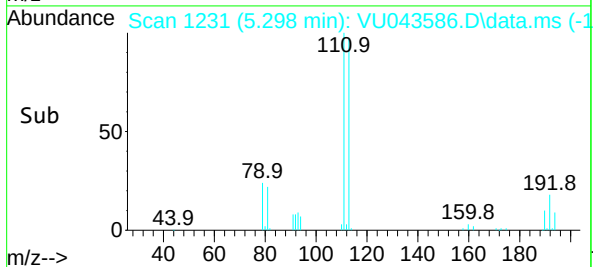
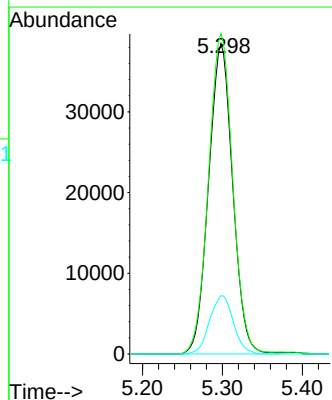
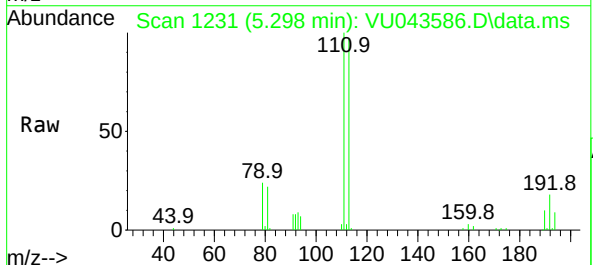
Instrument :  
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ClientSampleId :  
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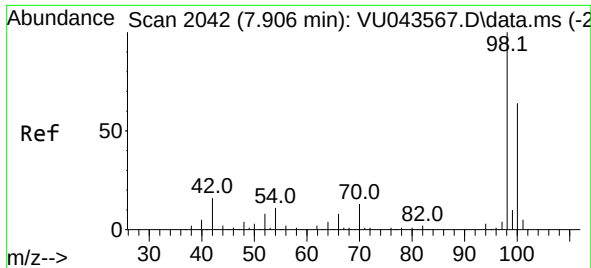
Tgt Ion:114 Resp: 197660  
Ion Ratio Lower Upper  
114 100  
63 25.4 0.0 50.2  
88 16.3 0.0 33.8



#35  
Dibromofluoromethane  
Concen: 50.97 ug/l  
RT: 5.298 min Scan# 1231  
Delta R.T. 0.000 min  
Lab File: VU043586.D  
Acq: 06 May 2021 16:23

Tgt Ion:113 Resp: 80340  
Ion Ratio Lower Upper  
113 100  
111 104.0 82.3 123.5  
192 18.5 15.8 23.6

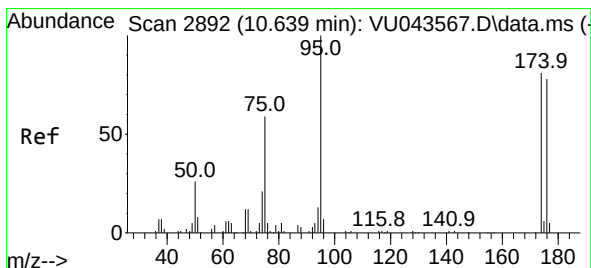
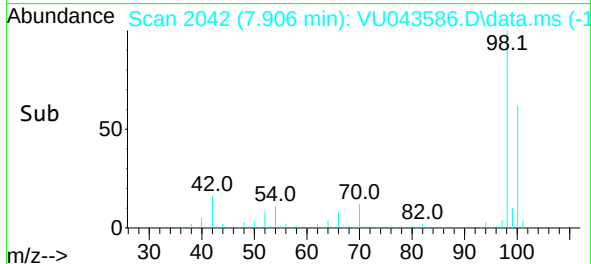
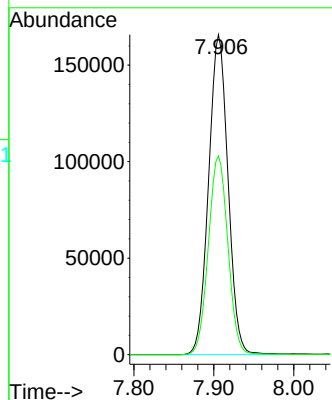
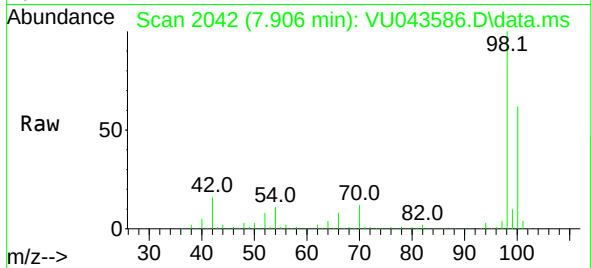




#50  
Toluene-d8  
Concen: 50.07 ug/l  
RT: 7.906 min Scan# 2042  
Delta R.T. 0.000 min  
Lab File: VU043586.D  
Acq: 06 May 2021 16:23

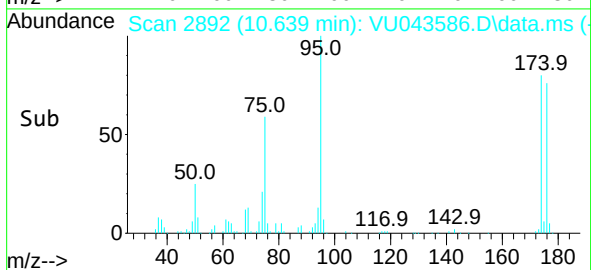
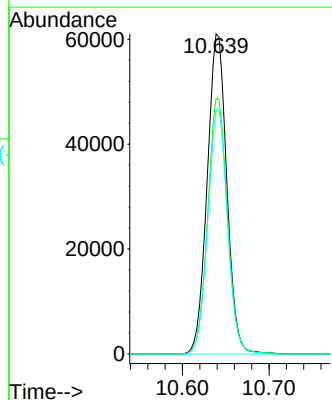
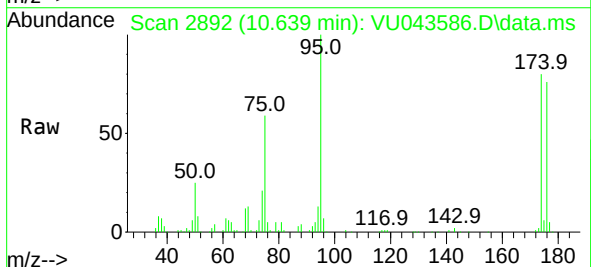
Instrument :  
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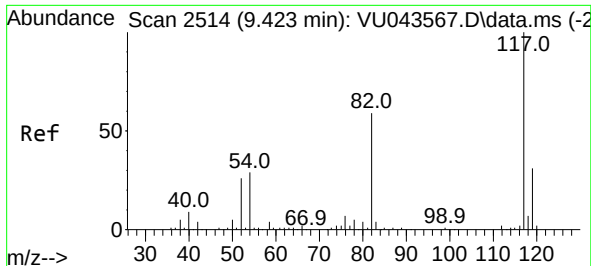
Tgt Ion: 98 Resp: 279858  
Ion Ratio Lower Upper  
98 100  
100 62.5 50.5 75.7



#62  
4-Bromofluorobenzene  
Concen: 45.04 ug/l  
RT: 10.639 min Scan# 2892  
Delta R.T. -0.000 min  
Lab File: VU043586.D  
Acq: 06 May 2021 16:23

Tgt Ion: 95 Resp: 95767  
Ion Ratio Lower Upper  
95 100  
174 80.7 0.0 158.8  
176 76.8 0.0 155.6

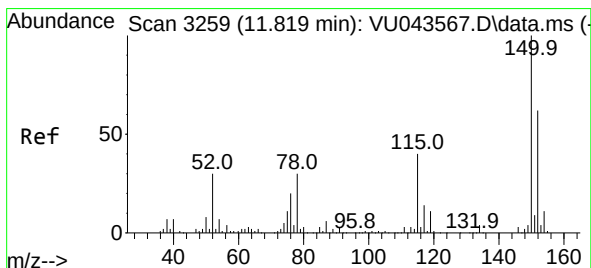
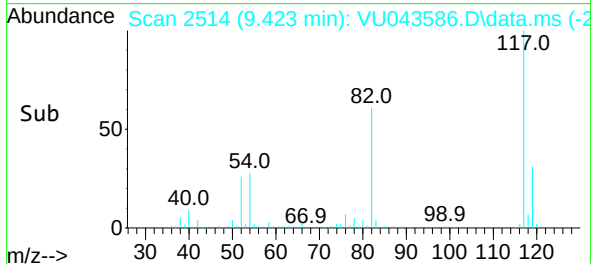
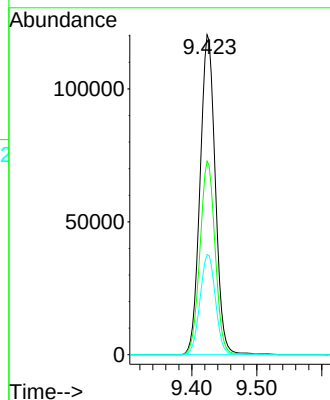
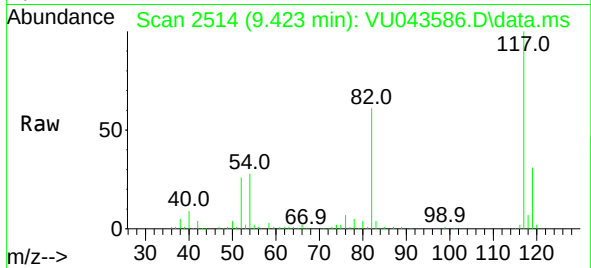




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 9.423 min Scan# 2514  
Delta R.T. 0.000 min  
Lab File: VU043586.D  
Acq: 06 May 2021 16:23

Instrument :  
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Tgt Ion:117 Resp: 196803  
Ion Ratio Lower Upper  
117 100  
82 60.5 47.5 71.3  
119 31.3 24.7 37.1



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 11.819 min Scan# 3259  
Delta R.T. 0.000 min  
Lab File: VU043586.D  
Acq: 06 May 2021 16:23

Tgt Ion:152 Resp: 87431  
Ion Ratio Lower Upper  
152 100  
115 61.4 46.1 138.3  
150 156.8 0.0 361.0

