

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU110821\  
 Data File : VU045619.D  
 Acq On : 08 Nov 2021 16:41  
 Operator : SY/MD  
 Sample : M4523-07  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
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Quant Time: Nov 09 09:59:06 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U110521W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 05 13:35:16 2021  
 Response via : Initial Calibration

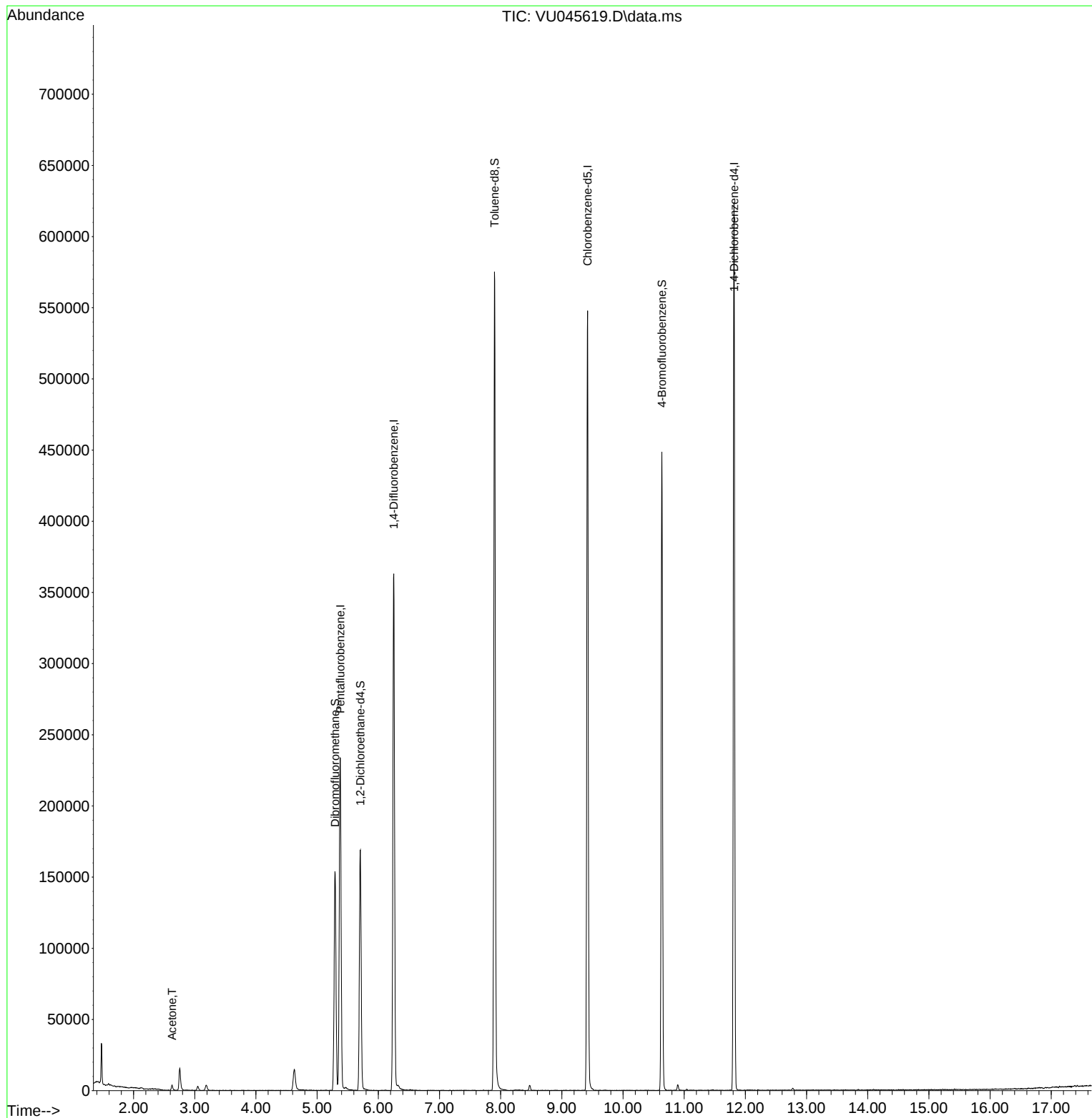
| Compound                    | R.T. QIon |       | Response | Conc     | Units      | Dev(Min)  |
|-----------------------------|-----------|-------|----------|----------|------------|-----------|
| -----                       |           |       |          |          |            |           |
| Internal Standards          |           |       |          |          |            |           |
| 1) Pentafluorobenzene       | 5.378     | 168   | 156575   | 50.000   | ug/l       | 0.00      |
| 34) 1,4-Difluorobenzene     | 6.253     | 114   | 298570   | 50.000   | ug/l       | 0.00      |
| 63) Chlorobenzene-d5        | 9.420     | 117   | 297193   | 50.000   | ug/l       | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 11.815    | 152   | 155820   | 50.000   | ug/l       | 0.00      |
| System Monitoring Compounds |           |       |          |          |            |           |
| 33) 1,2-Dichloroethane-d4   | 5.706     | 65    | 125706   | 53.609   | ug/l       | 0.00      |
| Spiked Amount               | 50.000    | Range | 78 - 117 | Recovery | = 107.220% |           |
| 35) Dibromofluoromethane    | 5.292     | 113   | 98550    | 49.438   | ug/l       | 0.00      |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | = 98.880%  |           |
| 50) Toluene-d8              | 7.899     | 98    | 384298   | 51.845   | ug/l       | 0.00      |
| Spiked Amount               | 50.000    | Range | 92 - 112 | Recovery | = 103.700% |           |
| 62) 4-Bromofluorobenzene    | 10.635    | 95    | 151540   | 50.983   | ug/l       | 0.00      |
| Spiked Amount               | 50.000    | Range | 83 - 123 | Recovery | = 101.960% |           |
| Target Compounds            |           |       |          |          |            |           |
| 16) Acetone                 | 2.629     | 43    | 4150     | 3.477    | ug/l       | Qvalue 95 |
| -----                       |           |       |          |          |            |           |

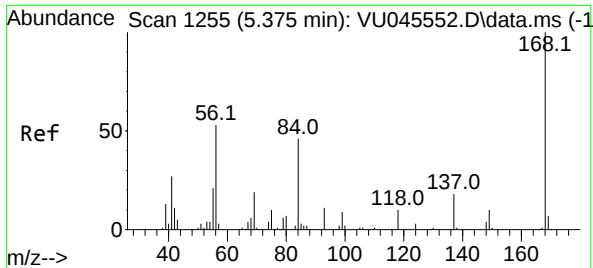
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Fri Nov 05 13:35:16 2021  
Response via : Initial Calibration

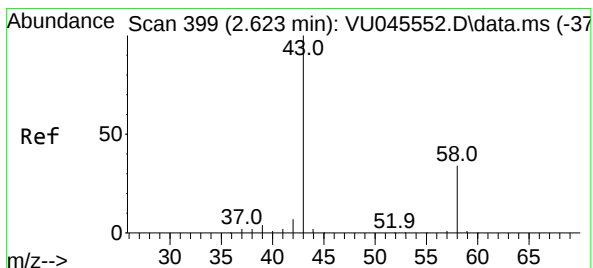
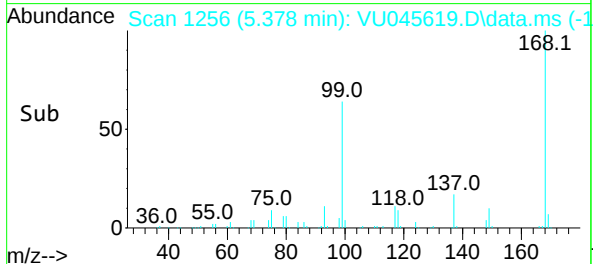
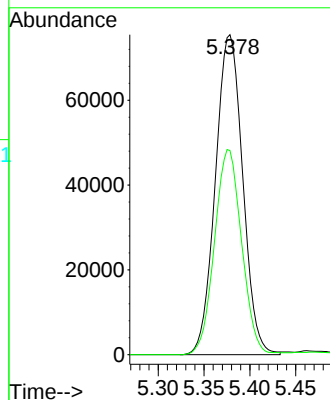
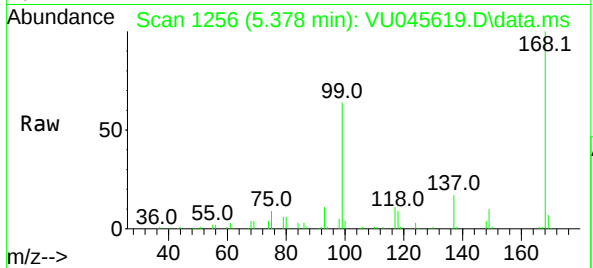




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.378 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: VU045619.D  
Acq: 08 Nov 2021 16:41

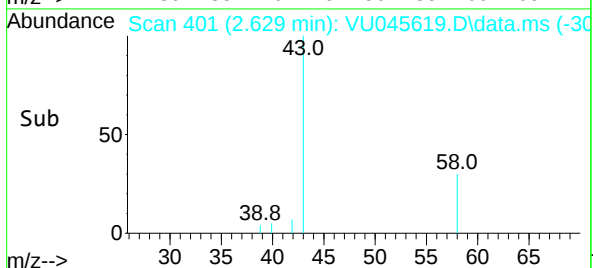
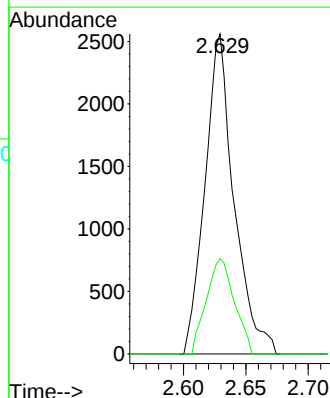
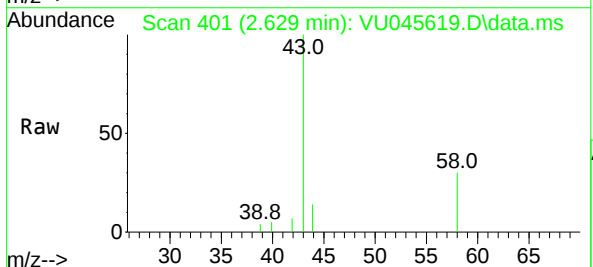
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MSVOA\_U  
ClientSampleId :  
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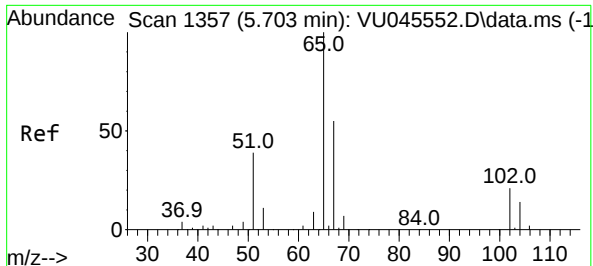
Tgt Ion:168 Resp: 156575  
Ion Ratio Lower Upper  
168 100  
99 63.8 51.0 76.6



#16  
Acetone  
Concen: 3.477 ug/l  
RT: 2.629 min Scan# 401  
Delta R.T. 0.006 min  
Lab File: VU045619.D  
Acq: 08 Nov 2021 16:41

Tgt Ion: 43 Resp: 4150  
Ion Ratio Lower Upper  
43 100  
58 29.8 26.2 39.2





#33

1,2-Dichloroethane-d4

Concen: 53.609 ug/l

RT: 5.706 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU045619.D

Acq: 08 Nov 2021 16:41

Instrument :

MSVOA\_U

ClientSampleId :

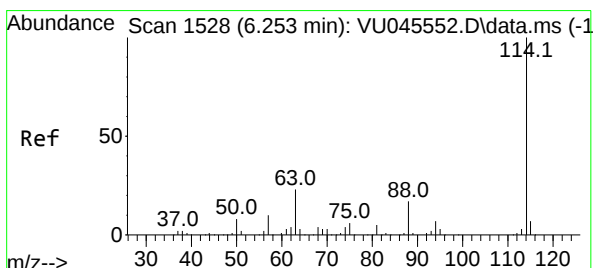
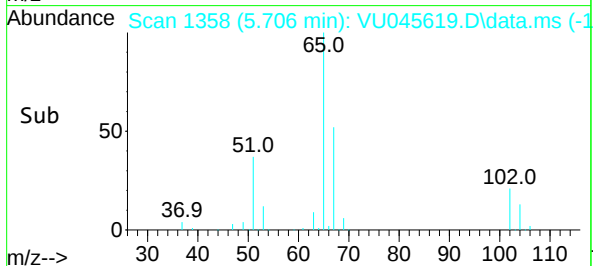
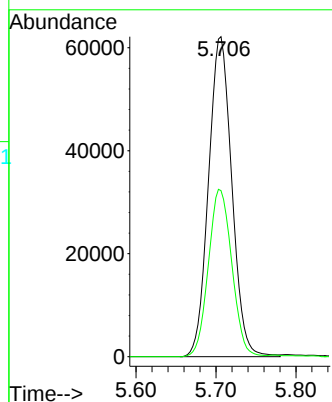
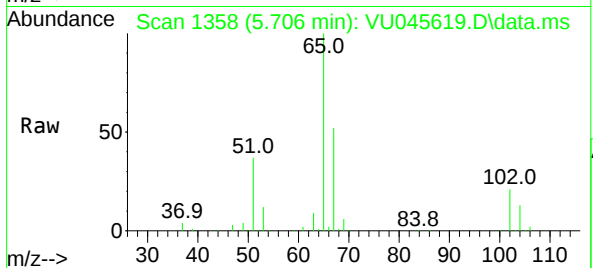
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Tgt Ion: 65 Resp: 125706

Ion Ratio Lower Upper

65 100

67 52.6 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. -0.000 min

Lab File: VU045619.D

Acq: 08 Nov 2021 16:41

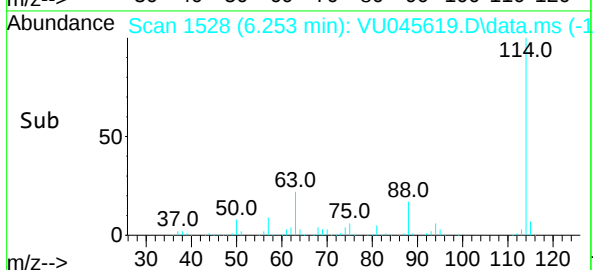
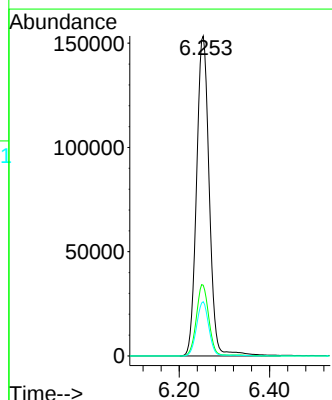
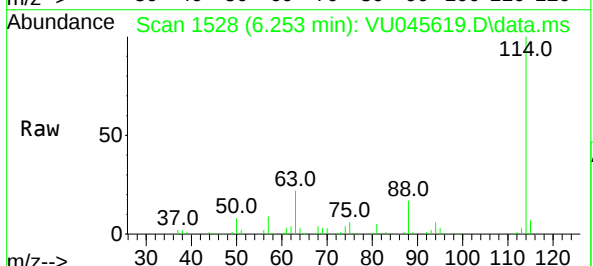
Tgt Ion: 114 Resp: 298570

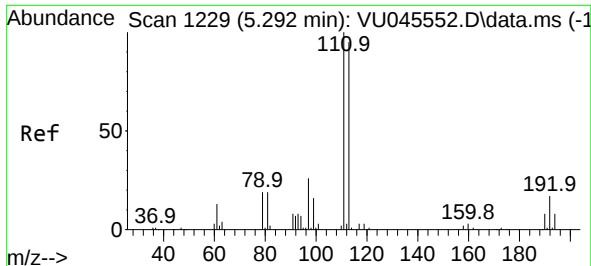
Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.6

88 17.0 0.0 33.8

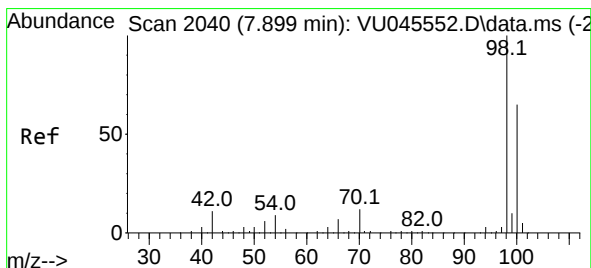
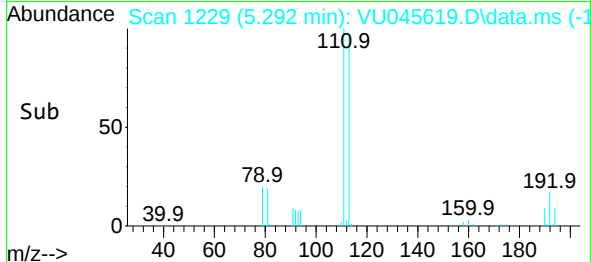
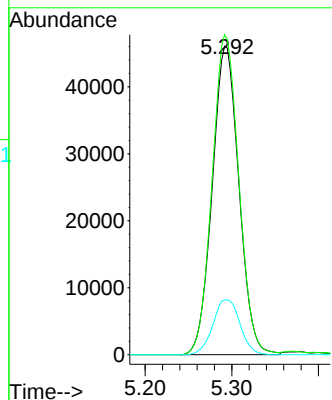
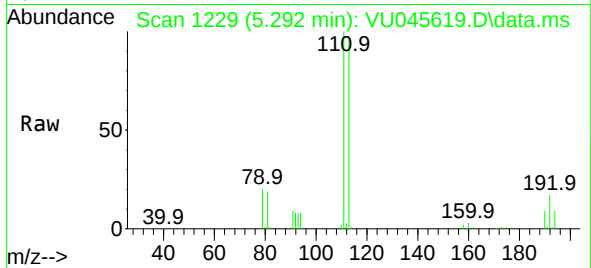




#35  
 Dibromofluoromethane  
 Concen: 49.438 ug/l  
 RT: 5.292 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VU045619.D  
 Acq: 08 Nov 2021 16:41

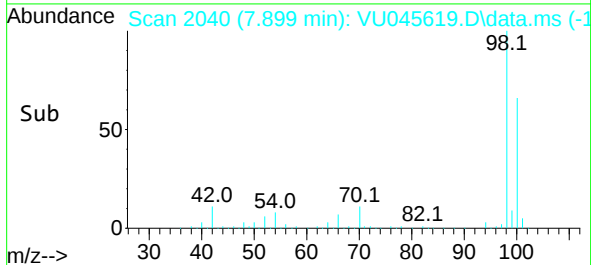
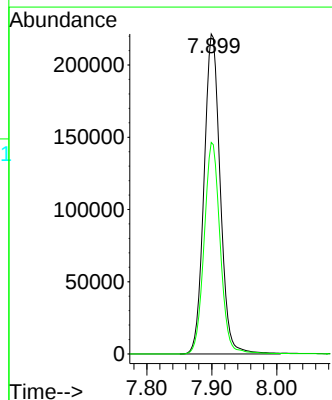
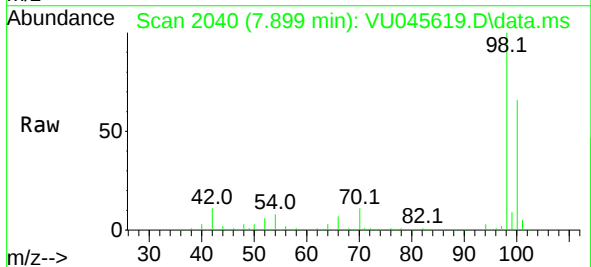
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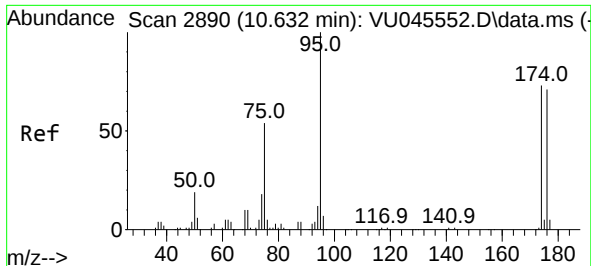
Tgt Ion:113 Resp: 98550  
 Ion Ratio Lower Upper  
 113 100  
 111 103.5 82.8 124.2  
 192 18.1 14.8 22.2



#50  
 Toluene-d8  
 Concen: 51.845 ug/l  
 RT: 7.899 min Scan# 2040  
 Delta R.T. -0.000 min  
 Lab File: VU045619.D  
 Acq: 08 Nov 2021 16:41

Tgt Ion: 98 Resp: 384298  
 Ion Ratio Lower Upper  
 98 100  
 100 65.6 52.5 78.7

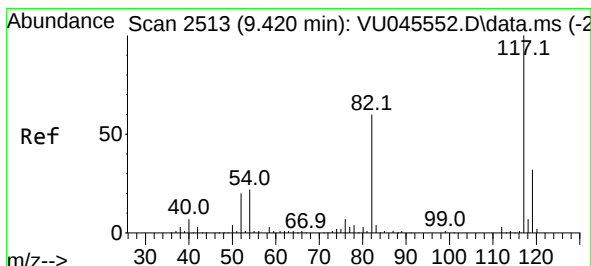
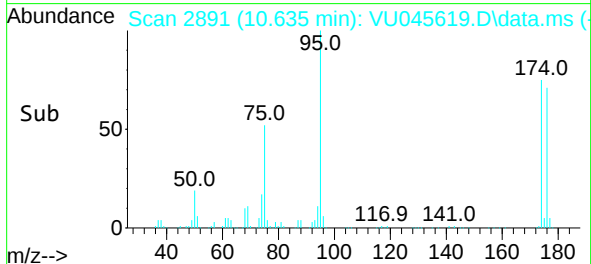
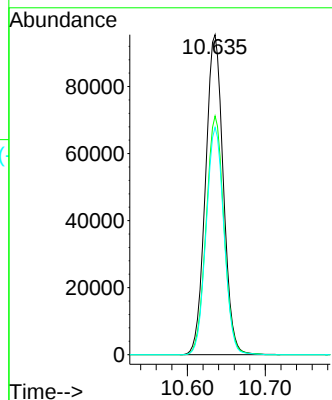
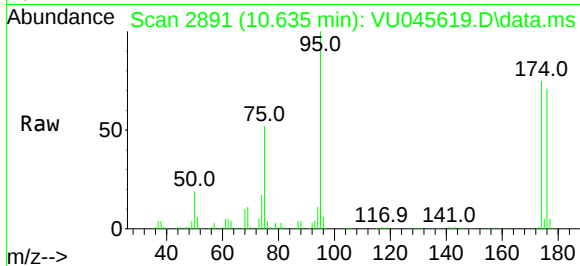




#62  
4-Bromofluorobenzene  
Concen: 50.983 ug/l  
RT: 10.635 min Scan# 2890  
Delta R.T. 0.003 min  
Lab File: VU045619.D  
Acq: 08 Nov 2021 16:41

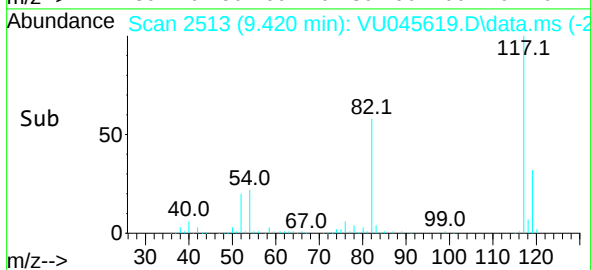
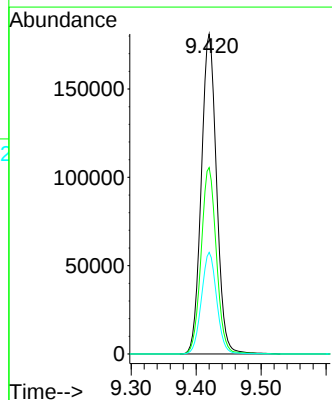
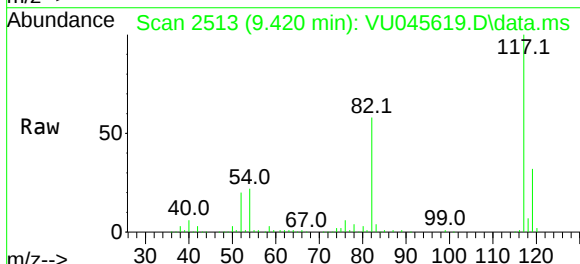
Instrument :  
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ClientSampleId :  
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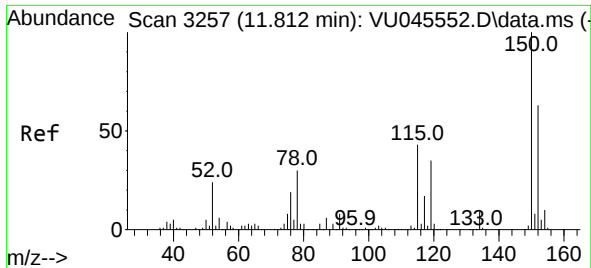
Tgt Ion: 95 Resp: 151540  
Ion Ratio Lower Upper  
95 100  
174 74.7 0.0 141.8  
176 71.0 0.0 138.2



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.420 min Scan# 2513  
Delta R.T. -0.000 min  
Lab File: VU045619.D  
Acq: 08 Nov 2021 16:41

Tgt Ion: 117 Resp: 297193  
Ion Ratio Lower Upper  
117 100  
82 58.3 47.8 71.8  
119 31.8 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.815 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU045619.D

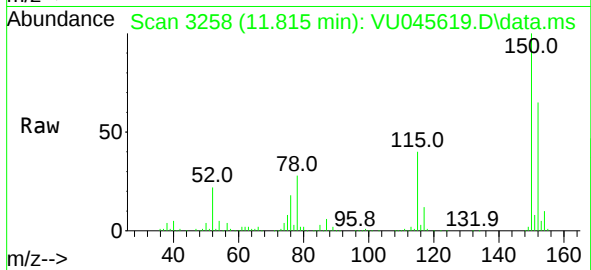
Acq: 08 Nov 2021 16:41

Instrument :

MSVOA\_U

ClientSampleId :

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Tgt Ion:152 Resp: 155820

Ion Ratio Lower Upper

152 100

115 61.2 42.7 128.1

150 155.6 0.0 346.8

