

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111121\  
 Data File : VU045745.D  
 Acq On : 11 Nov 2021 17:46  
 Operator : SY/MD  
 Sample : M4606-08  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MH-121.5T-20211109

Quant Time: Nov 12 06:11:27 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

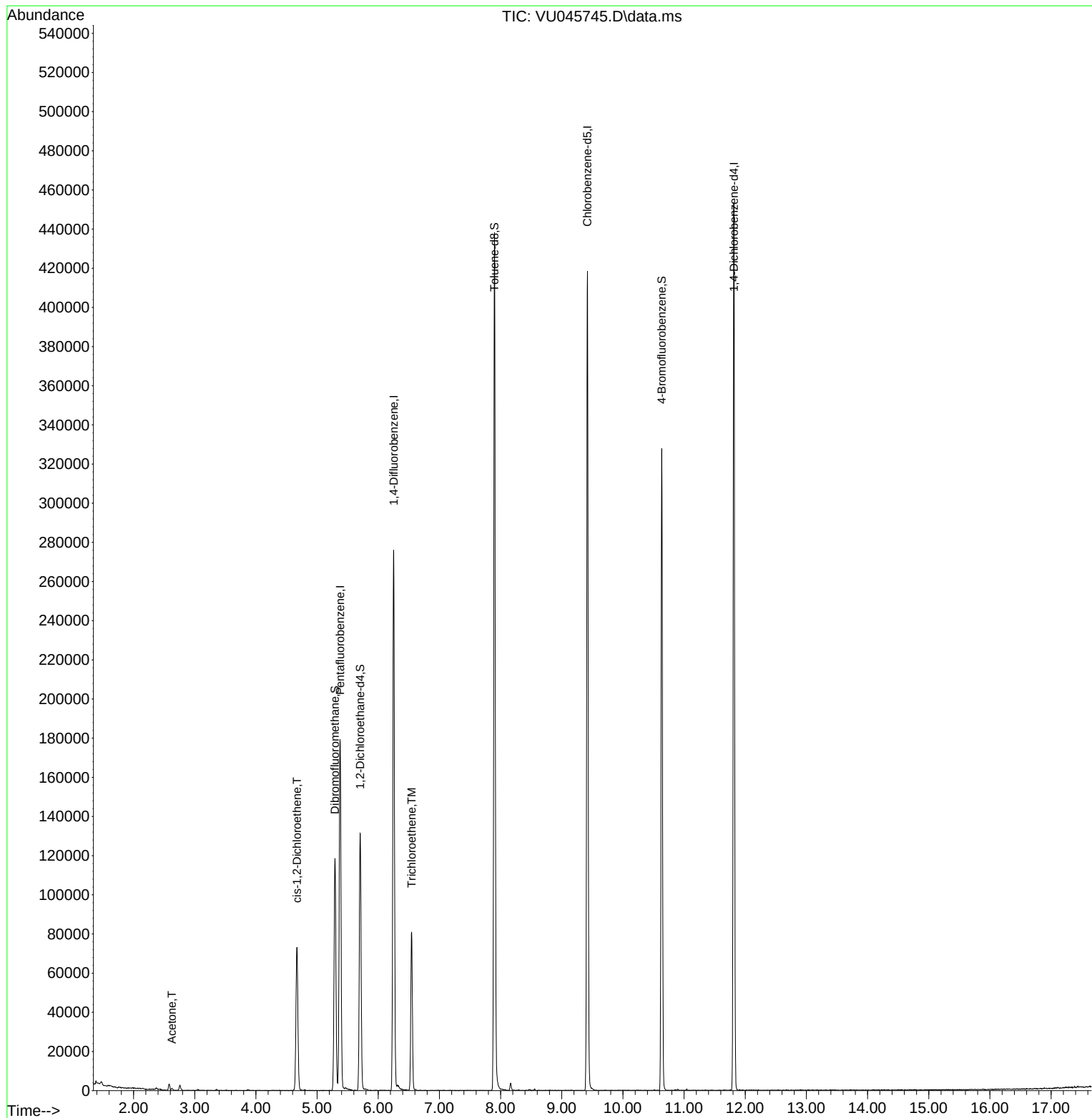
| Compound                    | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|------------|----------|
| -----                       |           |       |          |          |            |          |
| Internal Standards          |           |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.375     | 168   | 116756   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.253     | 114   | 215855   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 9.420     | 117   | 226821   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 11.815    | 152   | 113326   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.703     | 65    | 97263    | 55.625   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 78 - 117 | Recovery | = 111.240% |          |
| 35) Dibromofluoromethane    | 5.292     | 113   | 76863    | 53.335   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | = 106.660% |          |
| 50) Toluene-d8              | 7.899     | 98    | 288098   | 53.761   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 92 - 112 | Recovery | = 107.520% |          |
| 62) 4-Bromofluorobenzene    | 10.635    | 95    | 108346   | 50.419   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 83 - 123 | Recovery | = 100.840% |          |
| Target Compounds            |           |       |          |          |            |          |
|                             |           |       |          |          |            | Qvalue   |
| 16) Acetone                 | 2.626     | 43    | 1201     | 1.349    | ug/l       | 96       |
| 27) cis-1,2-Dichloroethene  | 4.671     | 96    | 38505    | 24.532   | ug/l       | 88       |
| 44) Trichloroethene         | 6.546     | 130   | 26849    | 18.000   | ug/l       | 96       |
| -----                       |           |       |          |          |            |          |

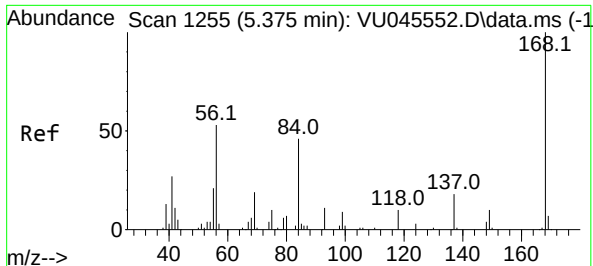
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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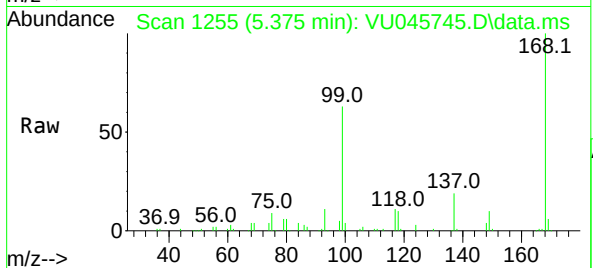
Quant Time: Nov 12 06:11:27 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U110521W.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 05 13:35:16 2021  
Response via : Initial Calibration



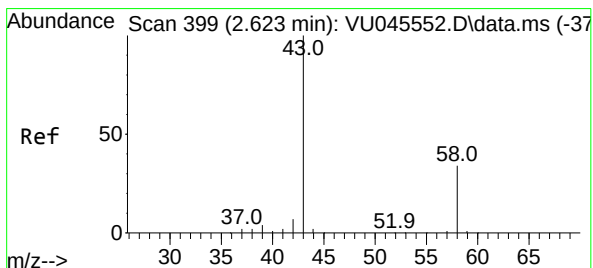
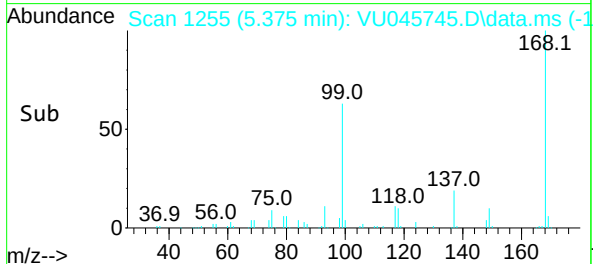
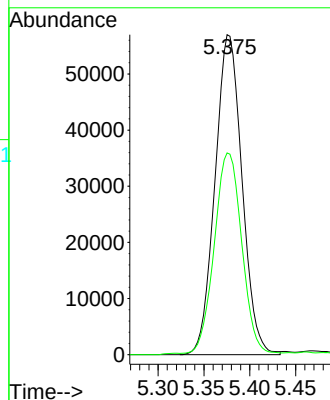


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.375 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VU045745.D  
Acq: 11 Nov 2021 17:46

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ClientSampleId :  
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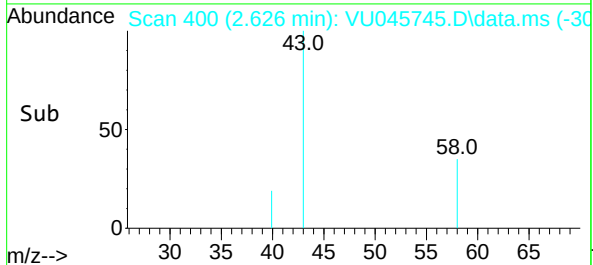
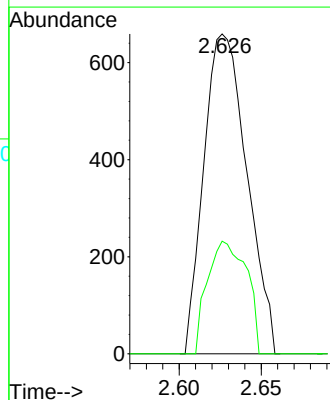
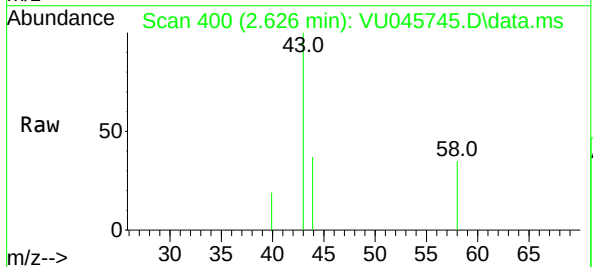


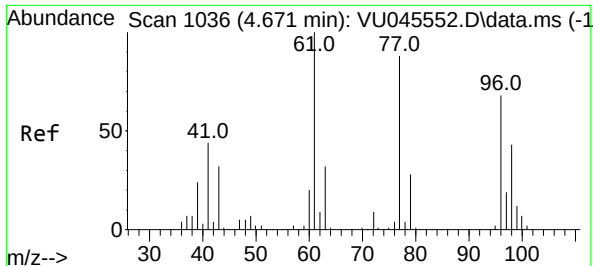
Tgt Ion:168 Resp: 116756  
Ion Ratio Lower Upper  
168 100  
99 62.6 51.0 76.6



#16  
Acetone  
Concen: 1.349 ug/l  
RT: 2.626 min Scan# 400  
Delta R.T. 0.003 min  
Lab File: VU045745.D  
Acq: 11 Nov 2021 17:46

Tgt Ion: 43 Resp: 1201  
Ion Ratio Lower Upper  
43 100  
58 35.2 26.2 39.2

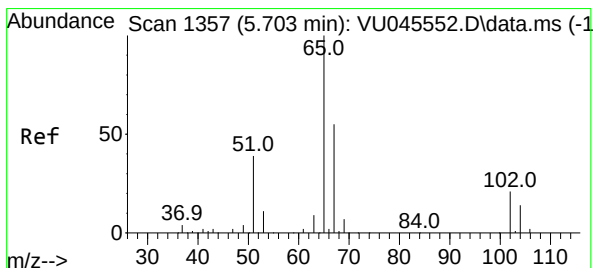
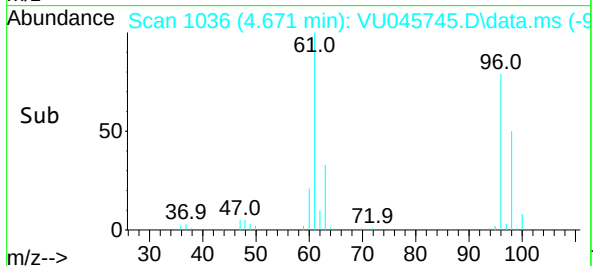
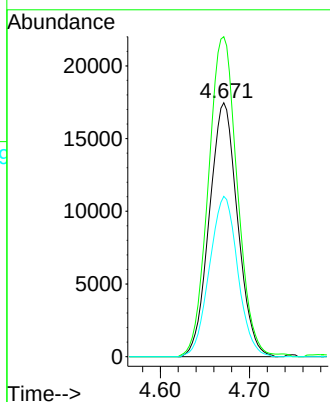
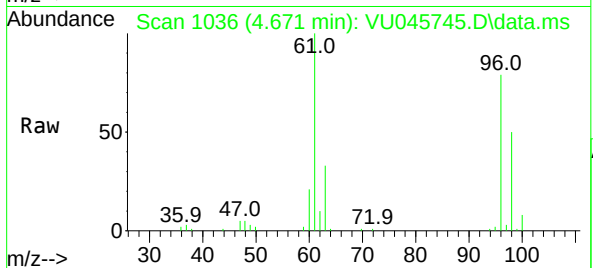




#27  
 cis-1,2-Dichloroethene  
 Concen: 24.532 ug/l  
 RT: 4.671 min Scan# 1036  
 Delta R.T. -0.000 min  
 Lab File: VU045745.D  
 Acq: 11 Nov 2021 17:46

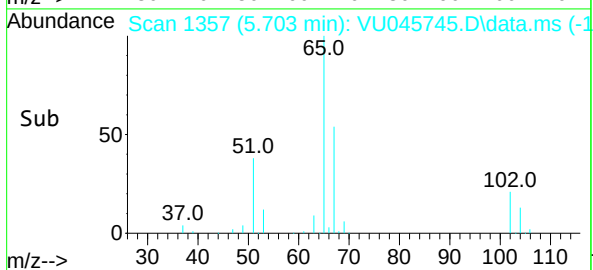
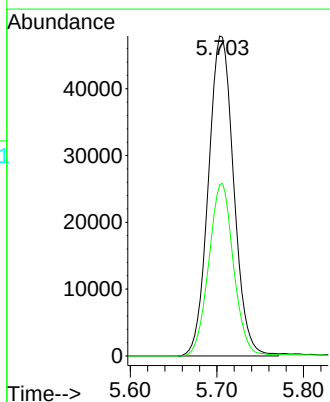
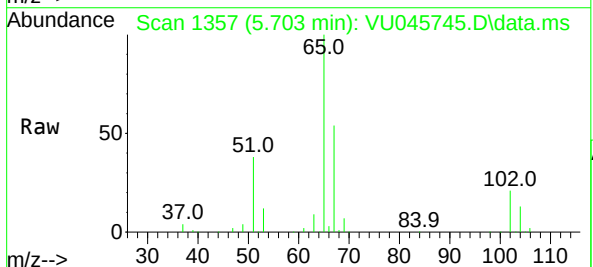
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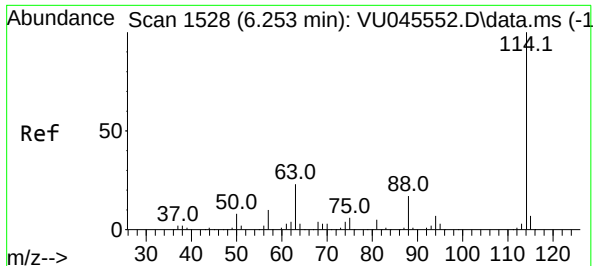
Tgt Ion: 96 Resp: 38505  
 Ion Ratio Lower Upper  
 96 100  
 61 129.0 0.0 299.2  
 98 63.2 0.0 127.6



#33  
 1,2-Dichloroethane-d4  
 Concen: 55.625 ug/l  
 RT: 5.703 min Scan# 1357  
 Delta R.T. -0.000 min  
 Lab File: VU045745.D  
 Acq: 11 Nov 2021 17:46

Tgt Ion: 65 Resp: 97263  
 Ion Ratio Lower Upper  
 65 100  
 67 52.7 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045745.D

Acq: 11 Nov 2021 17:46

Instrument :

MSVOA\_U

ClientSampleId :

MH-121.5T-20211109

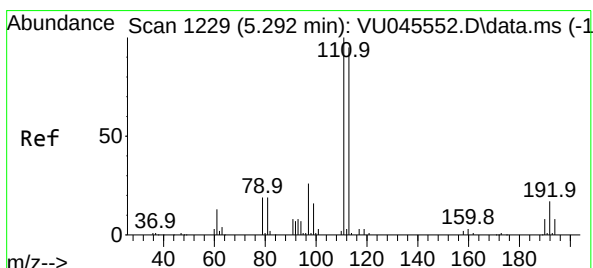
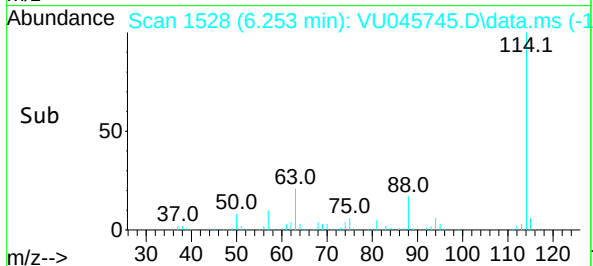
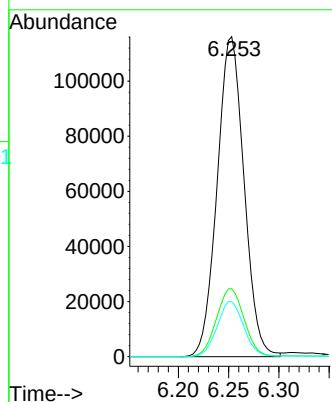
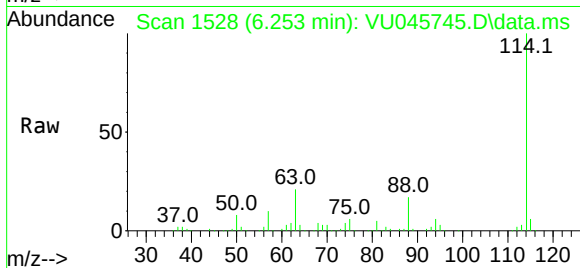
Tgt Ion:114 Resp: 215855

Ion Ratio Lower Upper

114 100

63 21.2 0.0 45.6

88 17.2 0.0 33.8



#35

Dibromofluoromethane

Concen: 53.335 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VU045745.D

Acq: 11 Nov 2021 17:46

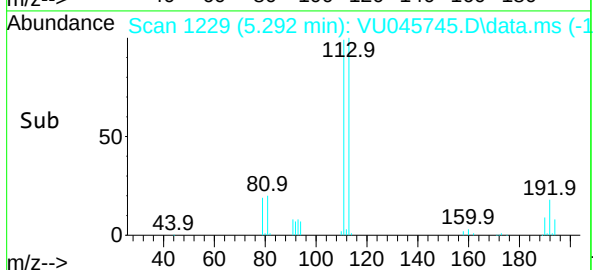
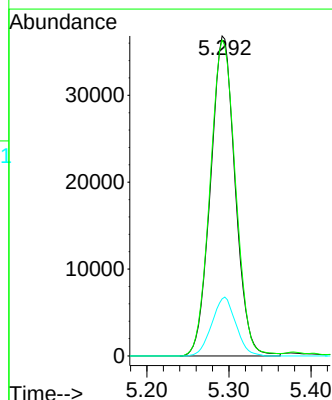
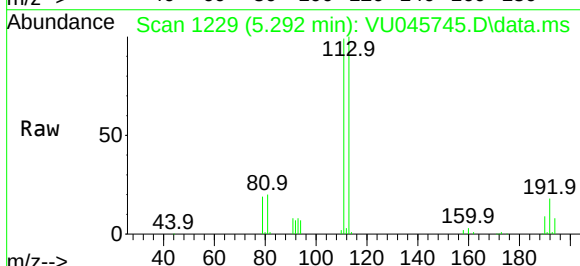
Tgt Ion:113 Resp: 76863

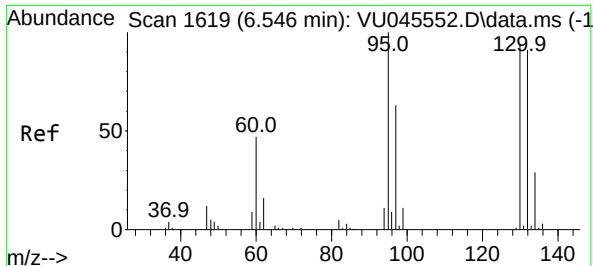
Ion Ratio Lower Upper

113 100

111 101.8 82.8 124.2

192 18.0 14.8 22.2

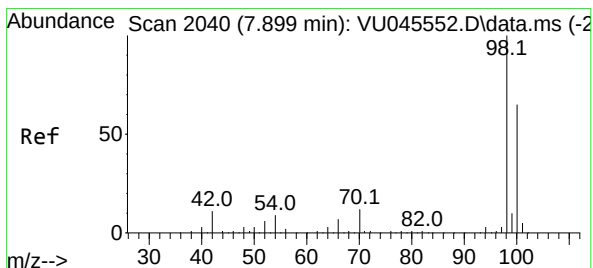
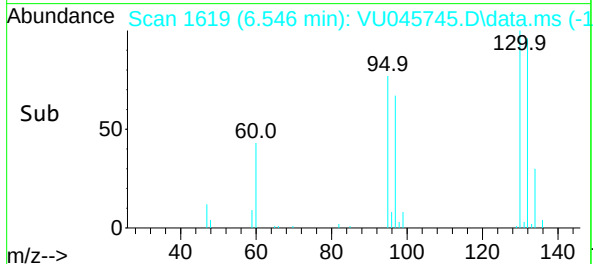
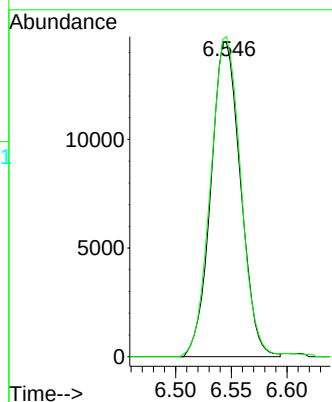
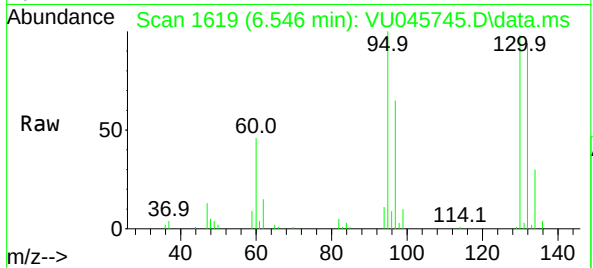




#44  
Trichloroethene  
Concen: 18.000 ug/l  
RT: 6.546 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VU045745.D  
Acq: 11 Nov 2021 17:46

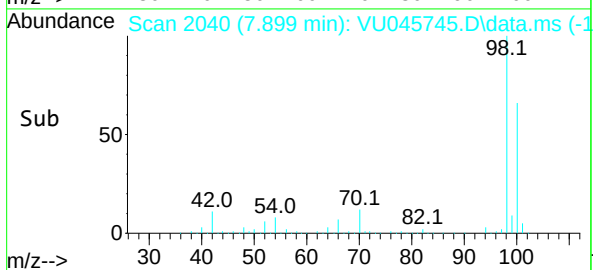
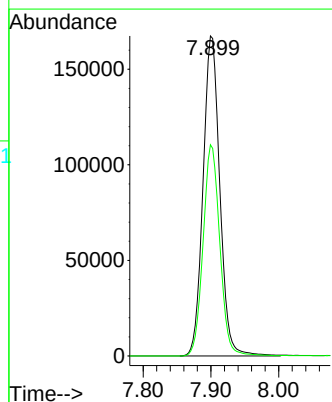
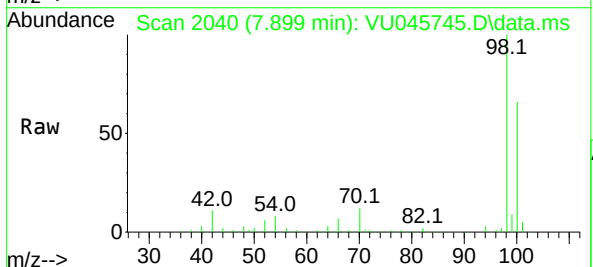
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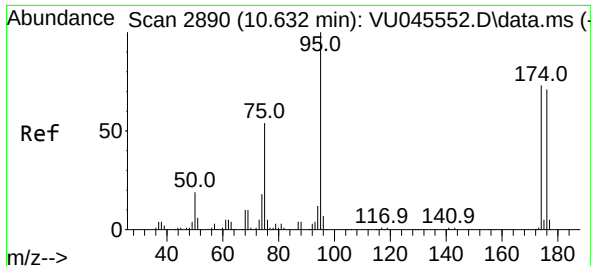
Tgt Ion:130 Resp: 26849  
Ion Ratio Lower Upper  
130 100  
95 101.8 0.0 211.4



#50  
Toluene-d8  
Concen: 53.761 ug/l  
RT: 7.899 min Scan# 2040  
Delta R.T. -0.000 min  
Lab File: VU045745.D  
Acq: 11 Nov 2021 17:46

Tgt Ion: 98 Resp: 288098  
Ion Ratio Lower Upper  
98 100  
100 65.7 52.5 78.7

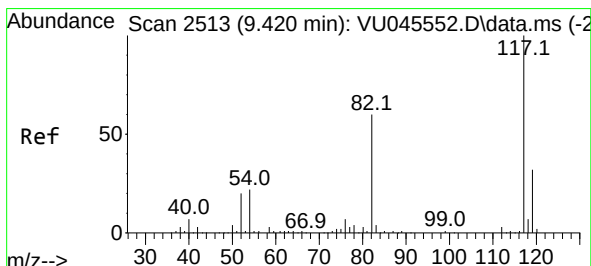
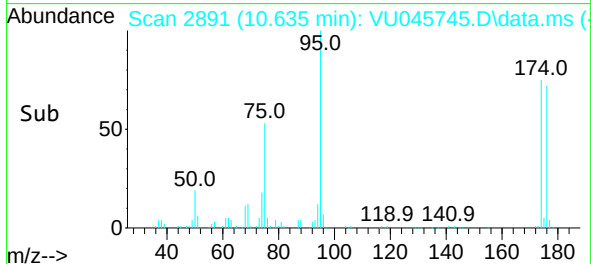
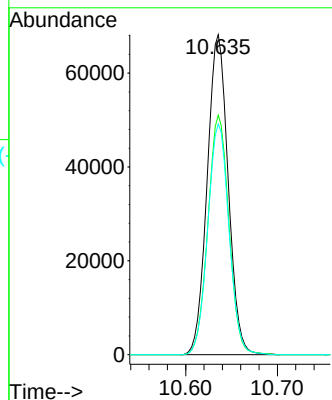
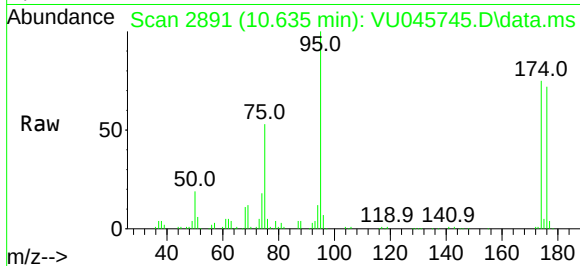




#62  
4-Bromofluorobenzene  
Concen: 50.419 ug/l  
RT: 10.635 min Scan# 2890  
Delta R.T. 0.003 min  
Lab File: VU045745.D  
Acq: 11 Nov 2021 17:46

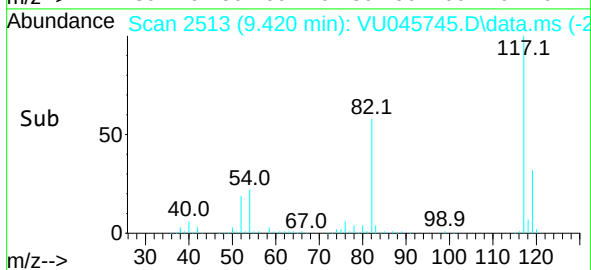
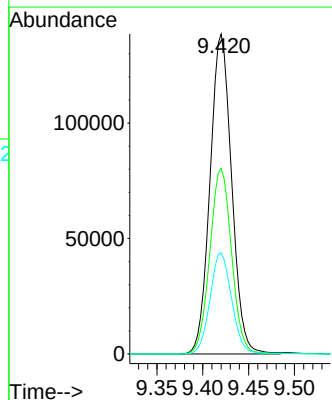
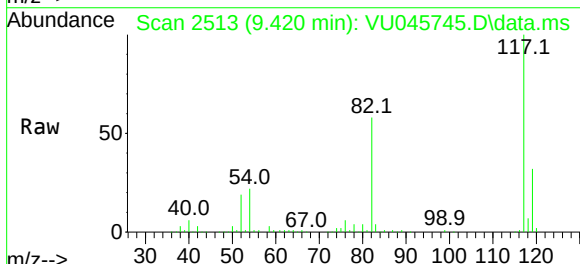
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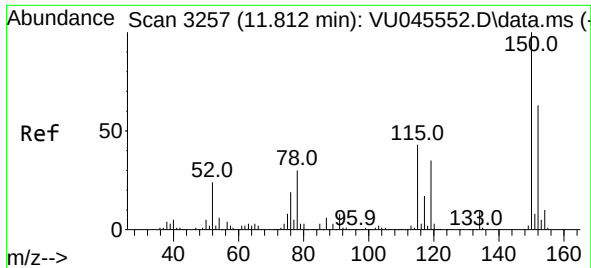
Tgt Ion: 95 Resp: 108346  
Ion Ratio Lower Upper  
95 100  
174 74.9 0.0 141.8  
176 72.9 0.0 138.2



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.420 min Scan# 2513  
Delta R.T. 0.000 min  
Lab File: VU045745.D  
Acq: 11 Nov 2021 17:46

Tgt Ion: 117 Resp: 226821  
Ion Ratio Lower Upper  
117 100  
82 58.0 47.8 71.8  
119 31.6 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: VU045745.D

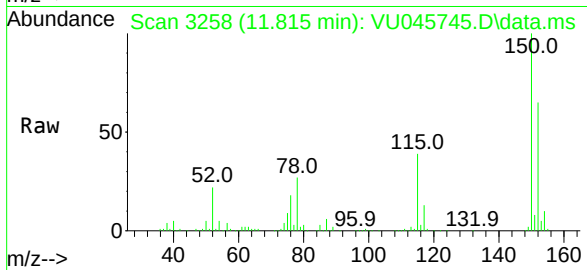
Acq: 11 Nov 2021 17:46

Instrument :

MSVOA\_U

ClientSampleId :

MH-121.5T-20211109



Tgt Ion:152 Resp: 113326

Ion Ratio Lower Upper

152 100

115 61.9 42.7 128.1

150 157.1 0.0 346.8

