

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU052722\  
 Data File : VU048725.D  
 Acq On : 28 May 2022 04:45  
 Operator : SY/MD  
 Sample : N2934-07  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 50 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 RB-220512

Quant Time: May 30 03:01:53 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U052622W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 27 06:42:31 2022  
 Response via : Initial Calibration

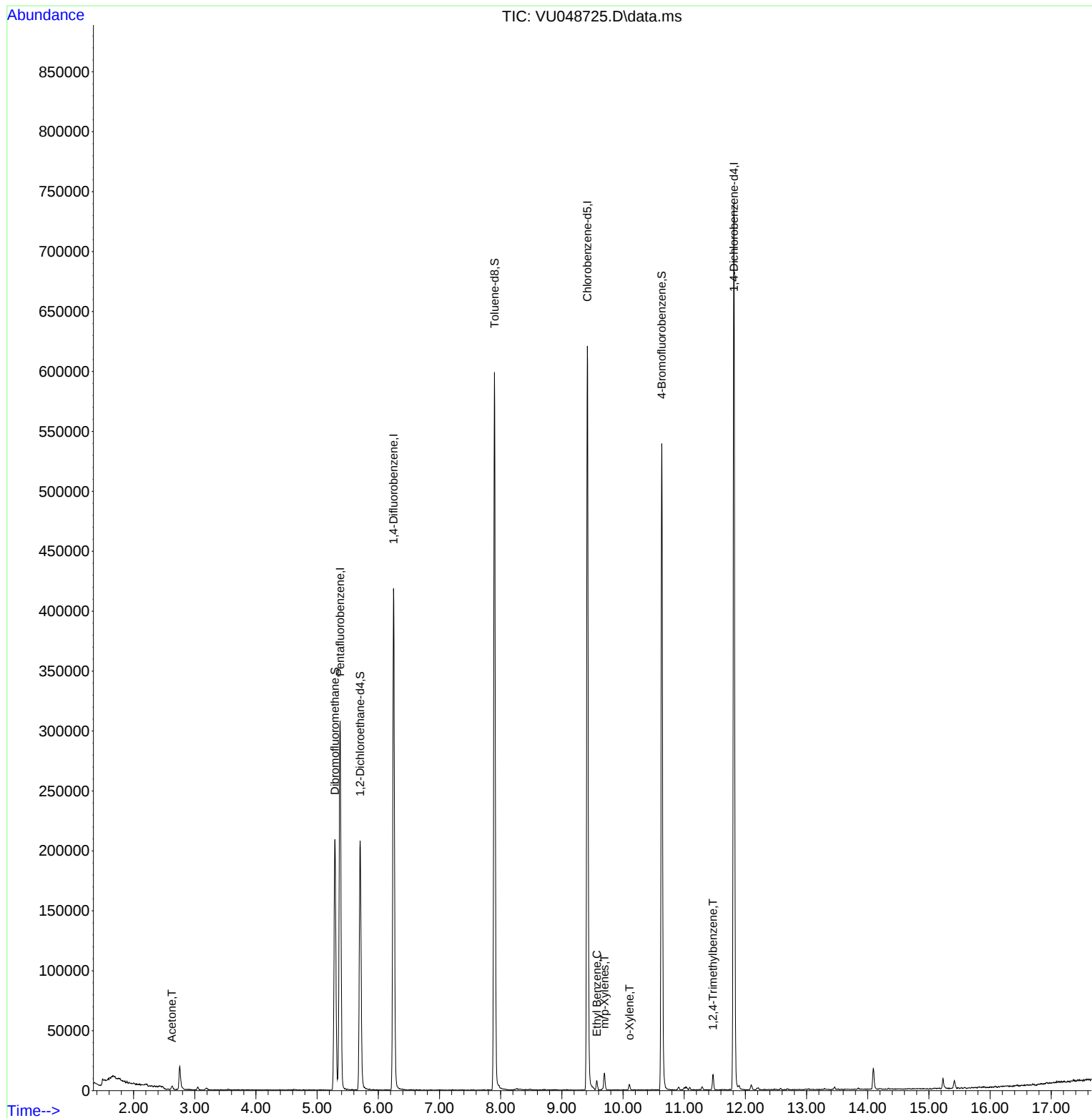
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.375  | 168   | 213439   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.250  | 114   | 343295   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 9.417  | 117   | 349638   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 11.812 | 152   | 203401   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.703  | 65    | 162799   | 50.788   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 101.580% |          |
| 35) Dibromofluoromethane    | 5.292  | 113   | 138263   | 56.454   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 112.900% |          |
| 50) Toluene-d8              | 7.899  | 98    | 401297   | 45.709   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 91.420%# |          |
| 62) 4-Bromofluorobenzene    | 10.632 | 95    | 185305   | 55.811   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 111.620% |          |
| Target Compounds            |        |       |          |          |            |          |
|                             |        |       |          |          | Qvalue     |          |
| 16) Acetone                 | 2.626  | 43    | 3764     | 2.304    | ug/l       | 97       |
| 67) Ethyl Benzene           | 9.571  | 91    | 5703     | 0.457    | ug/l       | 99       |
| 68) m/p-Xylenes             | 9.697  | 106   | 4635     | 0.950    | ug/l       | 89       |
| 69) o-Xylene                | 10.105 | 106   | 1338     | 0.279    | ug/l       | 97       |
| 84) 1,2,4-Trimethylbenzene  | 11.472 | 105   | 7705     | 1.798    | ug/l       | 98       |
| -----                       |        |       |          |          |            |          |

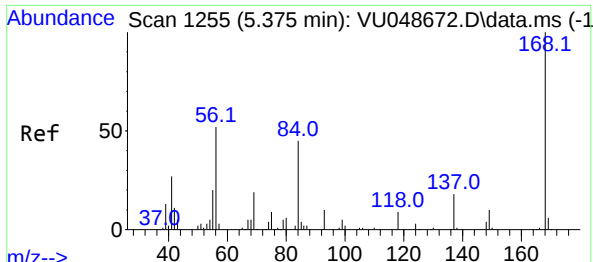
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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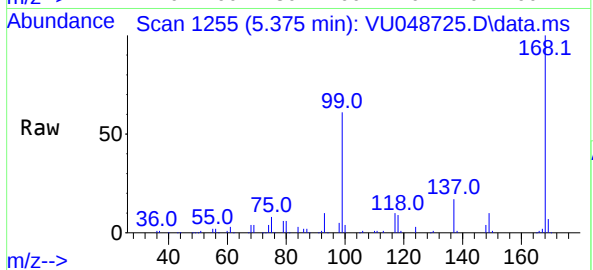
Quant Time: May 30 03:01:53 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U052622W.M  
Quant Title : SW846 8260  
QLast Update : Fri May 27 06:42:31 2022  
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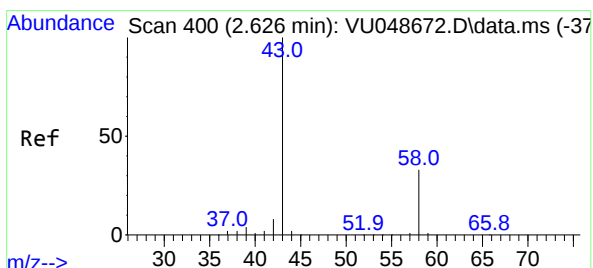
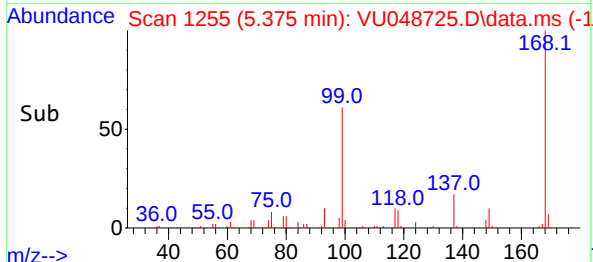
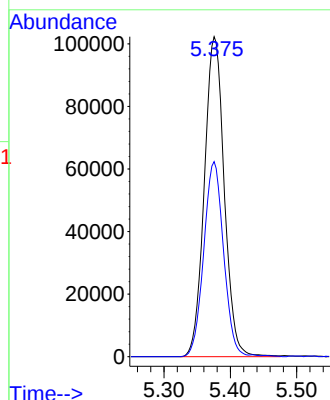


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.375 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VU048725.D  
Acq: 28 May 2022 04:45

Instrument :  
MSVOA\_U  
ClientSampleId :  
RB-220512

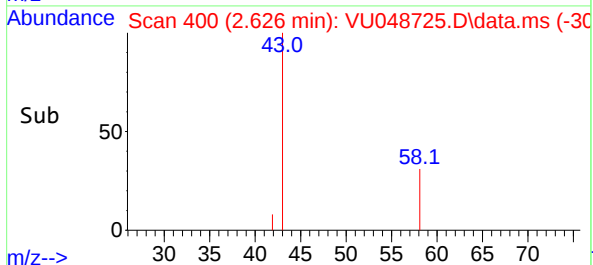
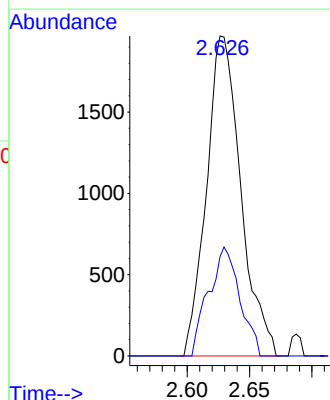
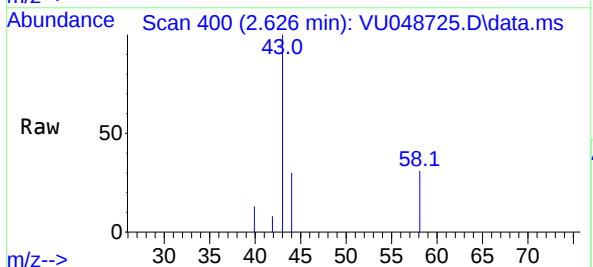


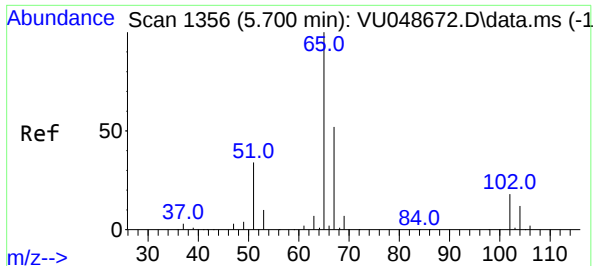
Tgt Ion:168 Resp: 213439  
Ion Ratio Lower Upper  
168 100  
99 61.0 49.3 73.9



#16  
Acetone  
Concen: 2.304 ug/l  
RT: 2.626 min Scan# 400  
Delta R.T. 0.000 min  
Lab File: VU048725.D  
Acq: 28 May 2022 04:45

Tgt Ion: 43 Resp: 3764  
Ion Ratio Lower Upper  
43 100  
58 31.0 26.3 39.5





#33

1,2-Dichloroethane-d4

Concen: 50.788 ug/l

RT: 5.703 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU048725.D

Acq: 28 May 2022 04:45

Instrument :

MSVOA\_U

ClientSampleId :

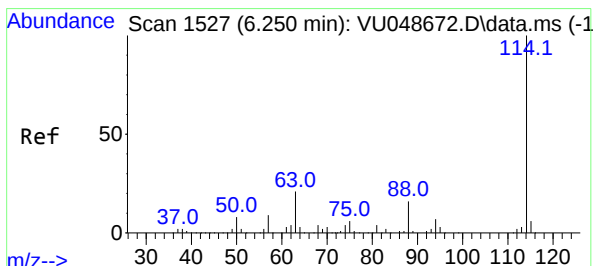
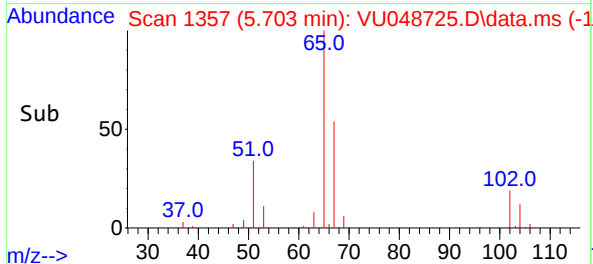
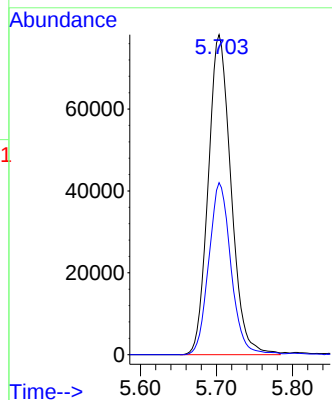
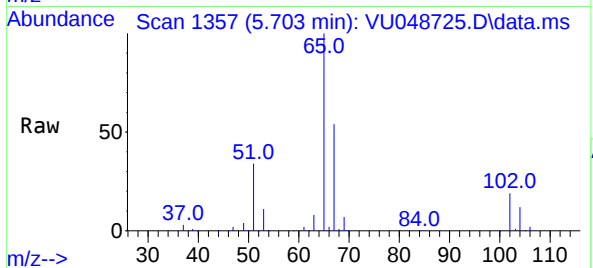
RB-220512

Tgt Ion: 65 Resp: 162799

Ion Ratio Lower Upper

65 100

67 52.3 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.000 min

Lab File: VU048725.D

Acq: 28 May 2022 04:45

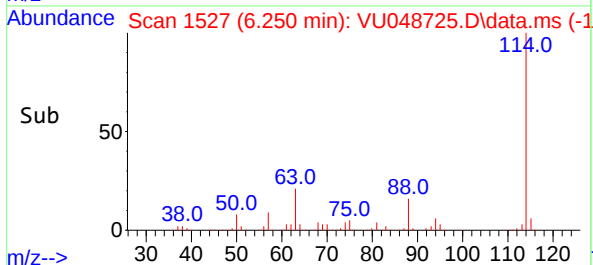
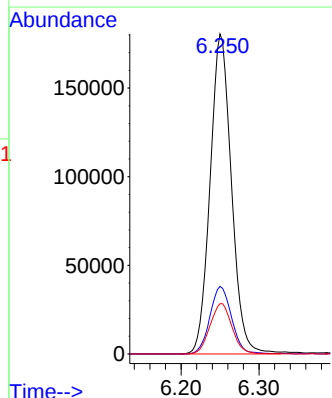
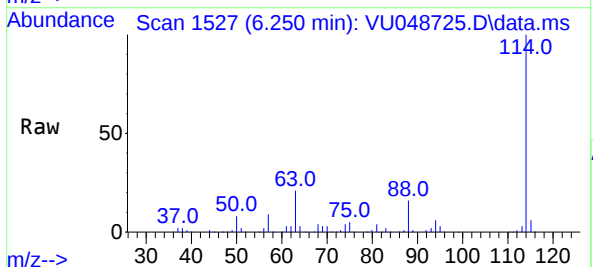
Tgt Ion: 114 Resp: 343295

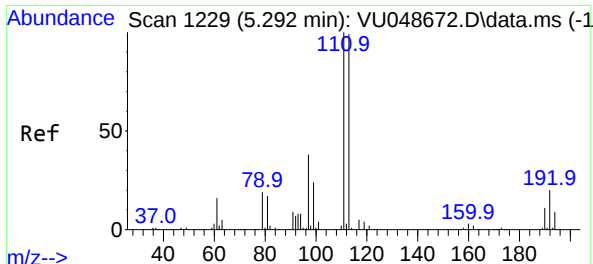
Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.6

88 15.7 0.0 32.2

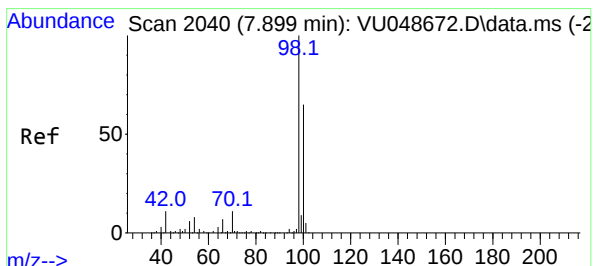
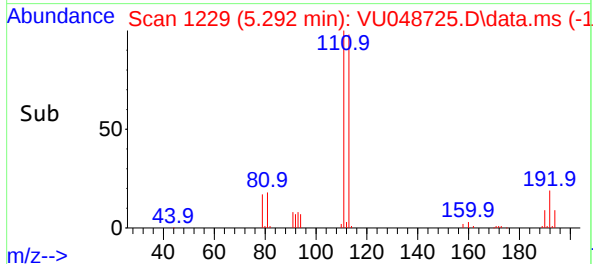
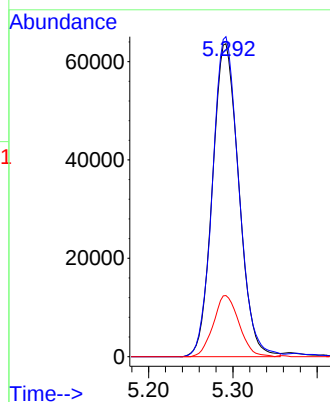
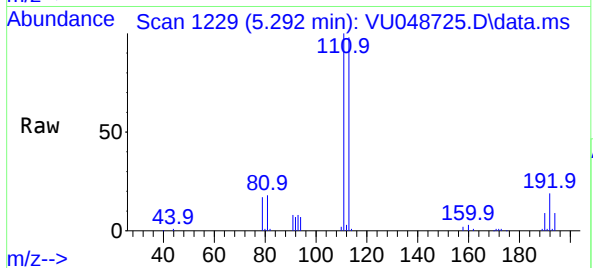




#35  
Dibromofluoromethane  
Concen: 56.454 ug/l  
RT: 5.292 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VU048725.D  
Acq: 28 May 2022 04:45

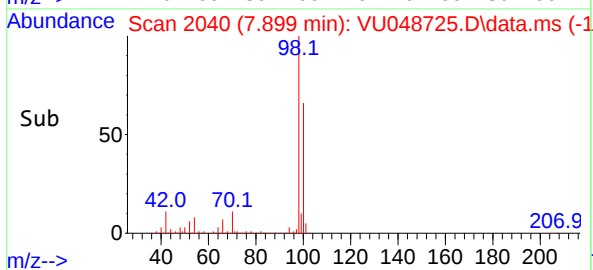
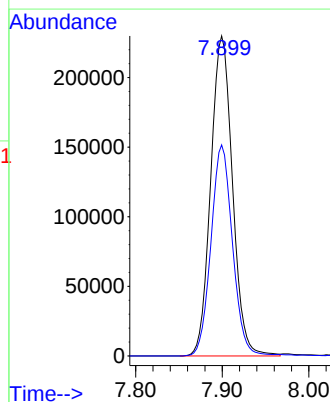
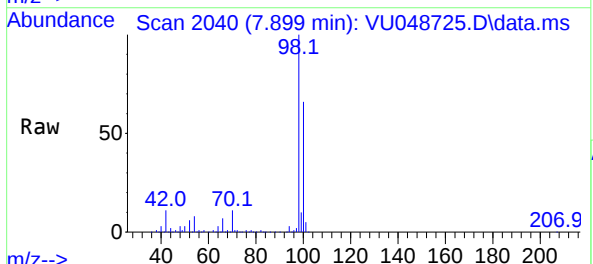
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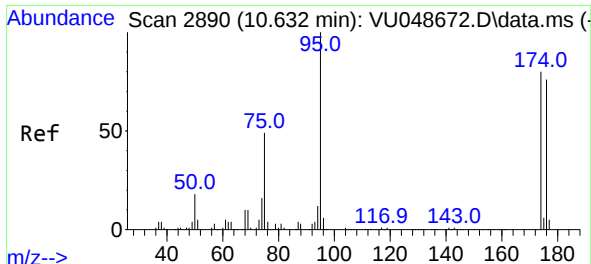
Tgt Ion:113 Resp: 138263  
Ion Ratio Lower Upper  
113 100  
111 101.9 80.7 121.1  
192 19.0 15.9 23.9



#50  
Toluene-d8  
Concen: 45.709 ug/l  
RT: 7.899 min Scan# 2040  
Delta R.T. 0.000 min  
Lab File: VU048725.D  
Acq: 28 May 2022 04:45

Tgt Ion: 98 Resp: 401297  
Ion Ratio Lower Upper  
98 100  
100 65.4 52.2 78.4

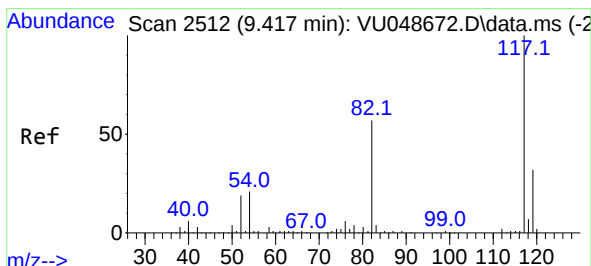
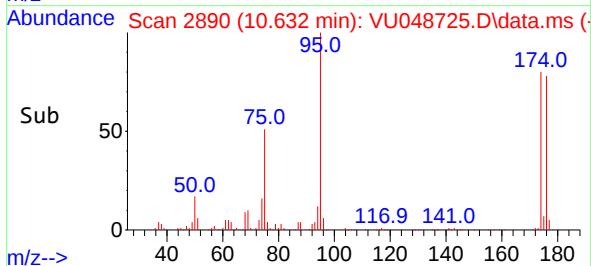
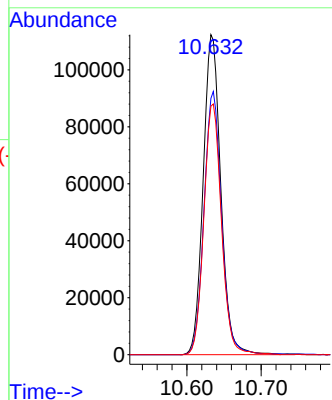
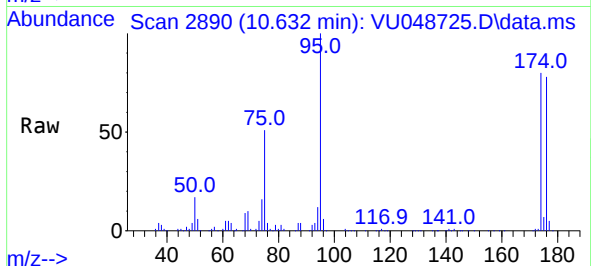




#62  
4-Bromofluorobenzene  
Concen: 55.811 ug/l  
RT: 10.632 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU048725.D  
Acq: 28 May 2022 04:45

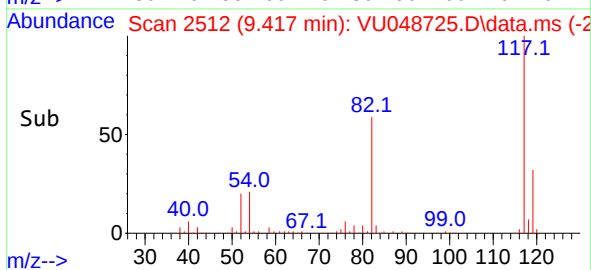
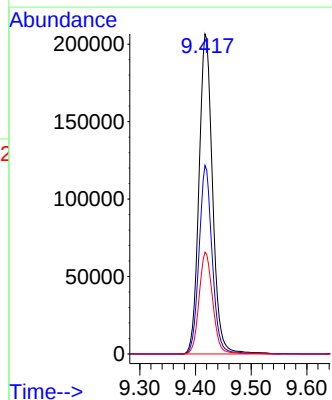
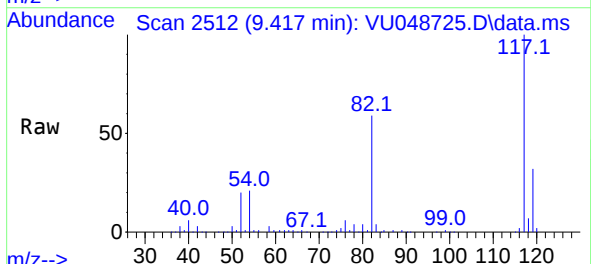
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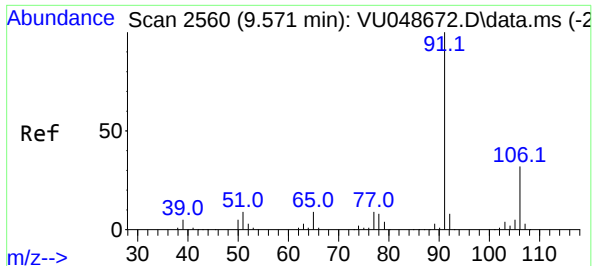
Tgt Ion: 95 Resp: 185305  
Ion Ratio Lower Upper  
95 100  
174 82.0 0.0 159.4  
176 78.5 0.0 152.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.417 min Scan# 2512  
Delta R.T. 0.000 min  
Lab File: VU048725.D  
Acq: 28 May 2022 04:45

Tgt Ion: 117 Resp: 349638  
Ion Ratio Lower Upper  
117 100  
82 58.9 45.3 67.9  
119 31.8 25.4 38.2

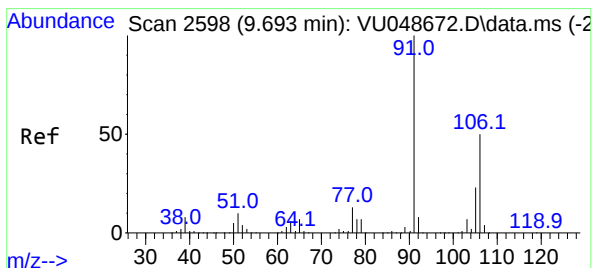
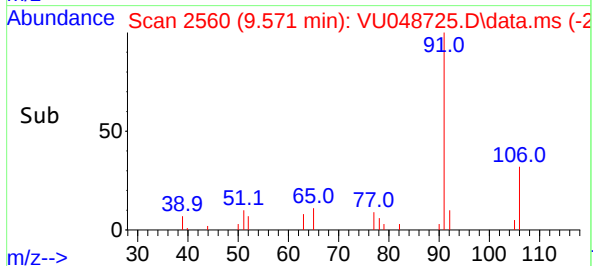
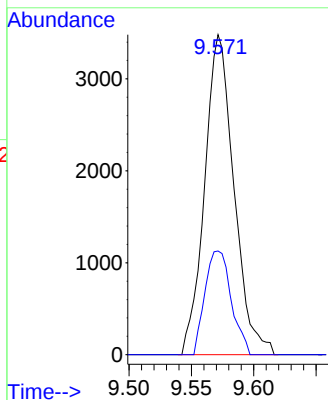
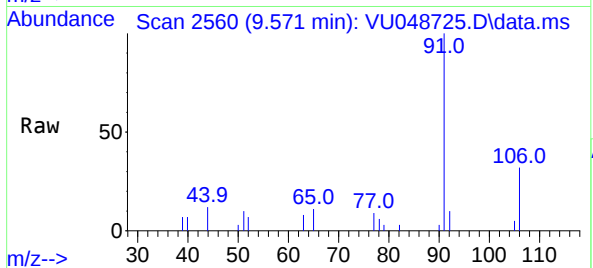




#67  
Ethyl Benzene  
Concen: 0.457 ug/l  
RT: 9.571 min Scan# 2560  
Delta R.T. 0.000 min  
Lab File: VU048725.D  
Acq: 28 May 2022 04:45

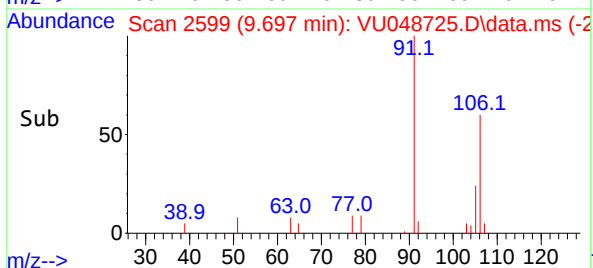
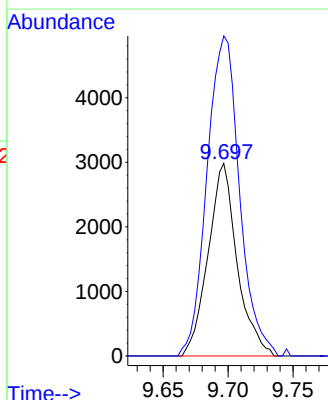
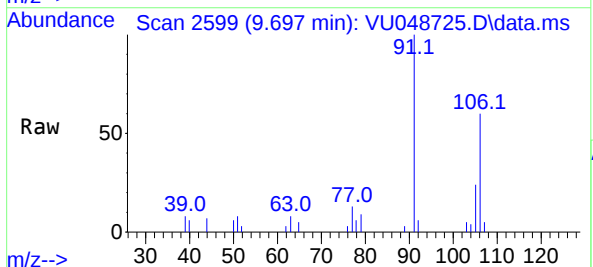
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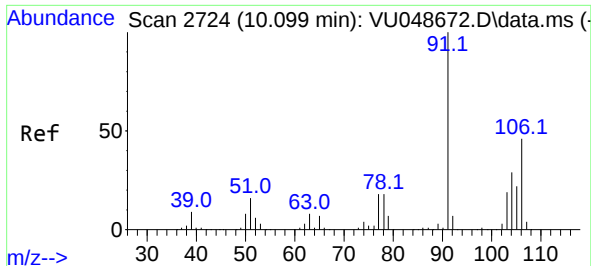
Tgt Ion: 91 Resp: 5703  
Ion Ratio Lower Upper  
91 100  
106 32.4 25.4 38.2



#68  
m/p-Xylenes  
Concen: 0.950 ug/l  
RT: 9.697 min Scan# 2599  
Delta R.T. 0.003 min  
Lab File: VU048725.D  
Acq: 28 May 2022 04:45

Tgt Ion: 106 Resp: 4635  
Ion Ratio Lower Upper  
106 100  
91 186.0 162.4 243.6

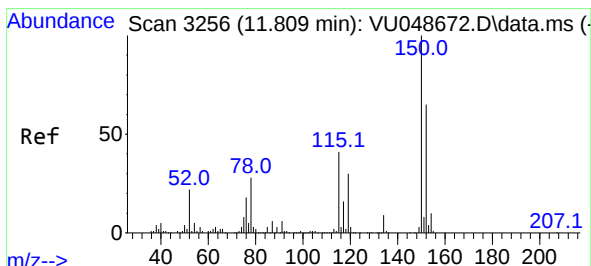
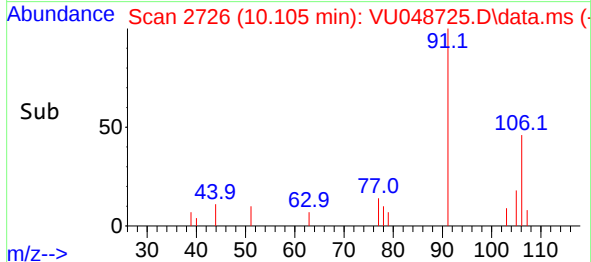
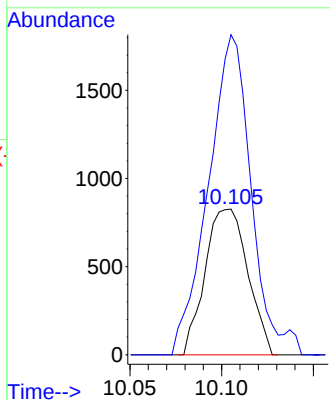
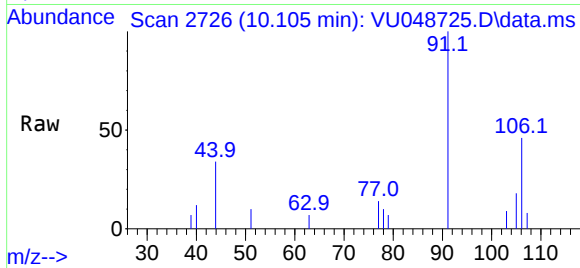




#69  
o-Xylene  
Concen: 0.279 ug/l  
RT: 10.105 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VU048725.D  
Acq: 28 May 2022 04:45

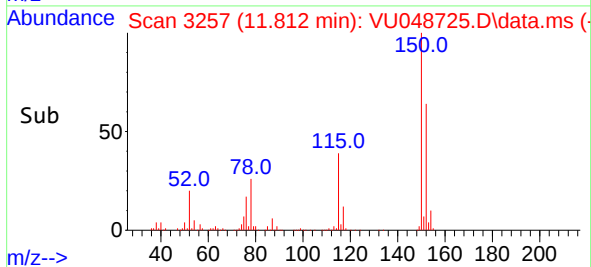
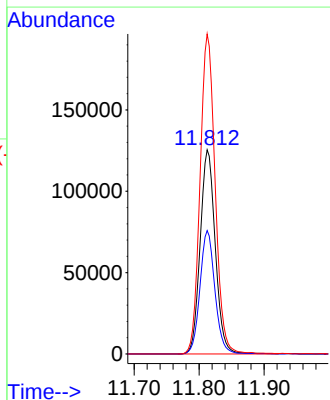
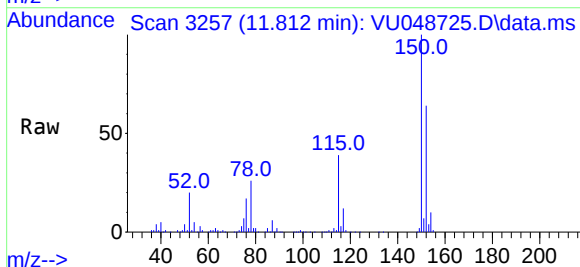
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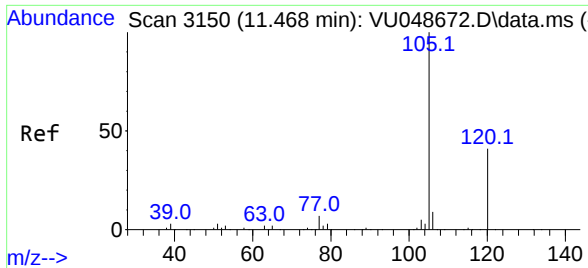
Tgt Ion:106 Resp: 1338  
Ion Ratio Lower Upper  
106 100  
91 220.3 107.7 323.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.812 min Scan# 3257  
Delta R.T. 0.003 min  
Lab File: VU048725.D  
Acq: 28 May 2022 04:45

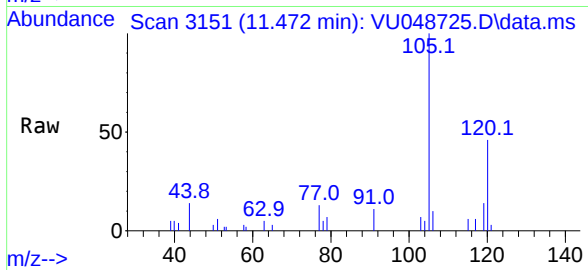
Tgt Ion:152 Resp: 203401  
Ion Ratio Lower Upper  
152 100  
115 59.7 41.8 125.4  
150 156.2 0.0 341.0





#84  
 1,2,4-Trimethylbenzene  
 Concen: 1.798 ug/l  
 RT: 11.472 min Scan# 31  
 Delta R.T. 0.004 min  
 Lab File: VU048725.D  
 Acq: 28 May 2022 04:45

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 RB-220512



Tgt Ion:105 Resp: 7705

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 120 | 43.7  | 22.5  | 67.5  |

