

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU112221\  
 Data File : VU045945.D  
 Acq On : 23 Nov 2021 04:00  
 Operator : SY/MD  
 Sample : M4795-02  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 HAR-22

Quant Time: Nov 23 06:52:58 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

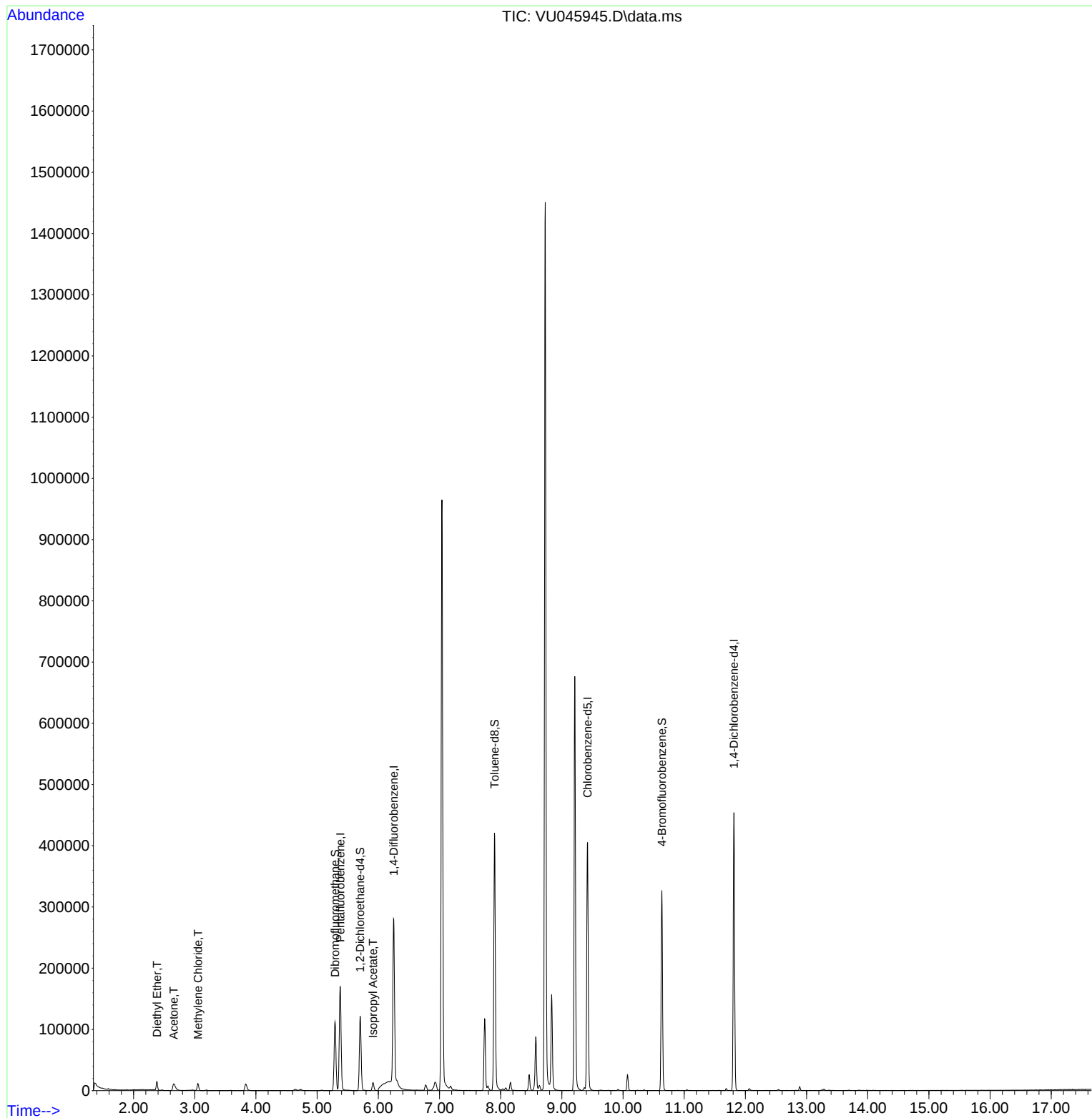
| Compound                    | R.T. QIon |       | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|--------|----------|
| -----                       |           |       |          |          |        |          |
| Internal Standards          |           |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.378     | 168   | 116175   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.253     | 114   | 216585   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 9.420     | 117   | 227072   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 11.812    | 152   | 116431   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |           |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.703     | 65    | 89594    | 51.495   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 78 - 117 | Recovery | =      | 103.000% |
| 35) Dibromofluoromethane    | 5.292     | 113   | 72232    | 49.952   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | =      | 99.900%  |
| 50) Toluene-d8              | 7.899     | 98    | 283876   | 52.794   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 92 - 112 | Recovery | =      | 105.580% |
| 62) 4-Bromofluorobenzene    | 10.635    | 95    | 110790   | 51.383   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 83 - 123 | Recovery | =      | 102.760% |
| Target Compounds            |           |       |          |          |        |          |
|                             |           |       |          |          | Qvalue |          |
| 8) Diethyl Ether            | 2.382     | 74    | 5454     | 6.206    | ug/l   | 97       |
| 16) Acetone                 | 2.655     | 43    | 23990    | 27.087   | ug/l   | 99       |
| 20) Methylene Chloride      | 3.054     | 84    | 5220     | 3.392    | ug/l   | 97       |
| 43) Isopropyl Acetate       | 5.915     | 43    | 14500    | 3.908    | ug/l   | 99       |
| -----                       |           |       |          |          |        |          |

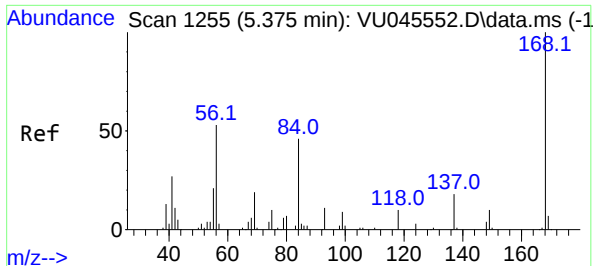
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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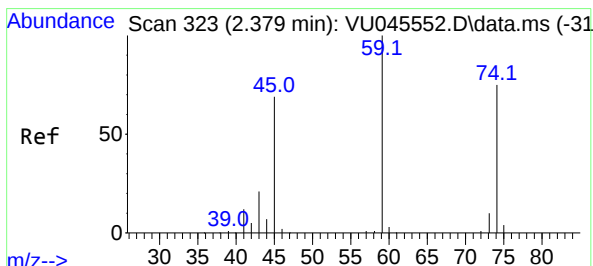
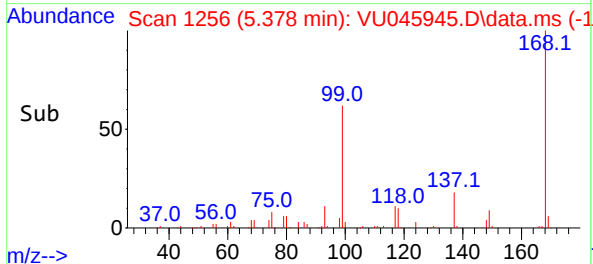
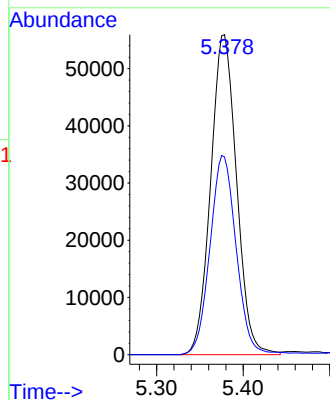
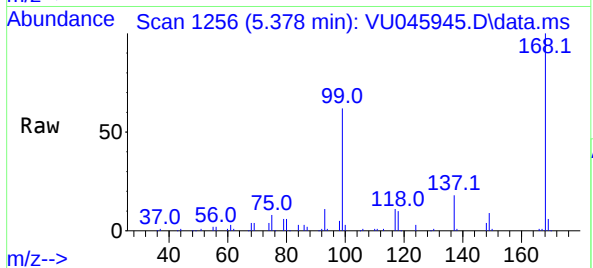




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.378 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: VU045945.D  
Acq: 23 Nov 2021 04:00

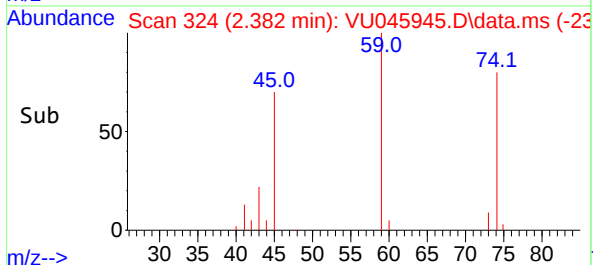
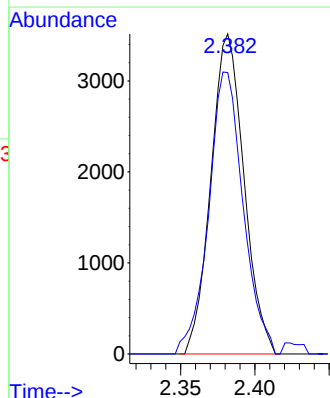
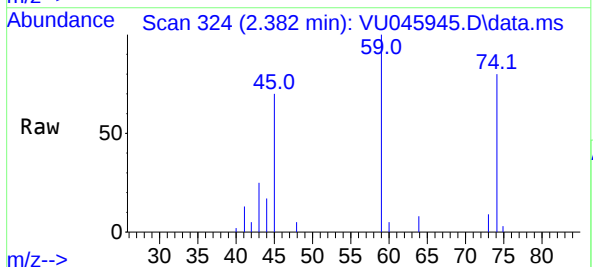
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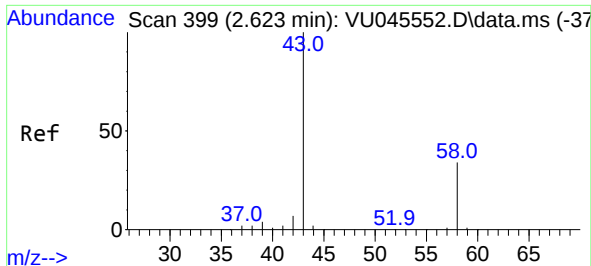
Tgt Ion:168 Resp: 116175  
Ion Ratio Lower Upper  
168 100  
99 61.8 51.0 76.6



#8  
Diethyl Ether  
Concen: 6.206 ug/l  
RT: 2.382 min Scan# 324  
Delta R.T. 0.003 min  
Lab File: VU045945.D  
Acq: 23 Nov 2021 04:00

Tgt Ion: 74 Resp: 5454  
Ion Ratio Lower Upper  
74 100  
45 91.6 47.3 141.8

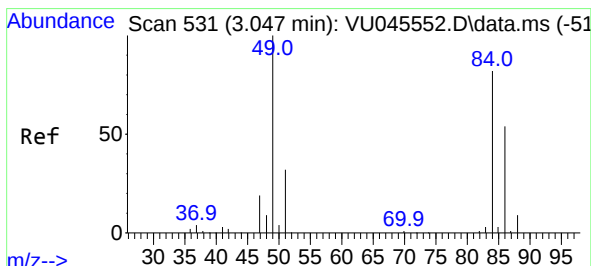
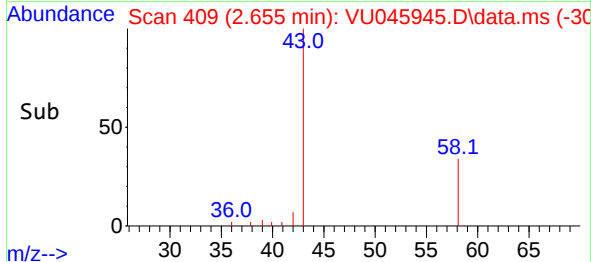
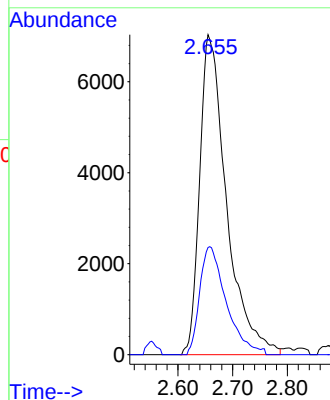
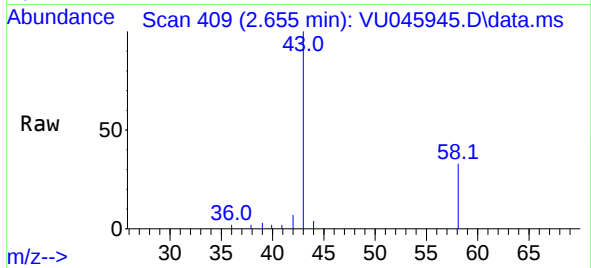




#16  
Acetone  
Concen: 27.087 ug/l  
RT: 2.655 min Scan# 409  
Delta R.T. 0.032 min  
Lab File: VU045945.D  
Acq: 23 Nov 2021 04:00

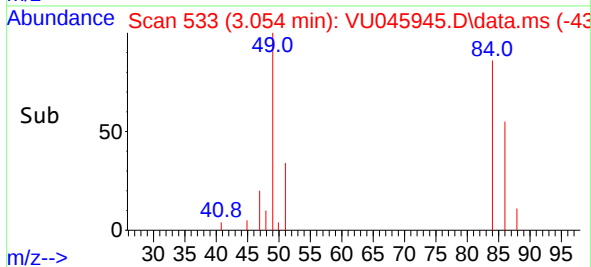
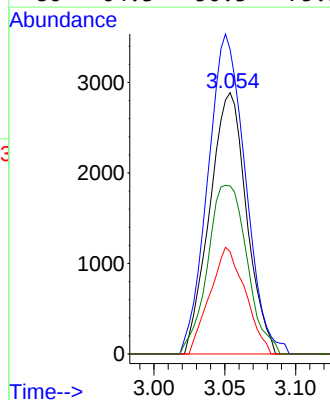
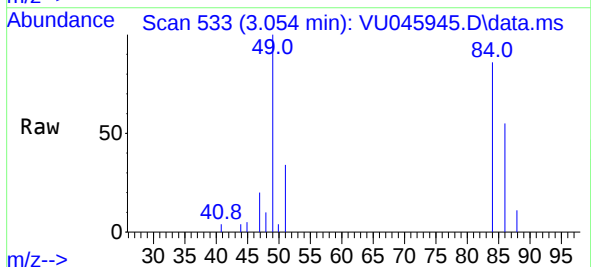
Instrument :  
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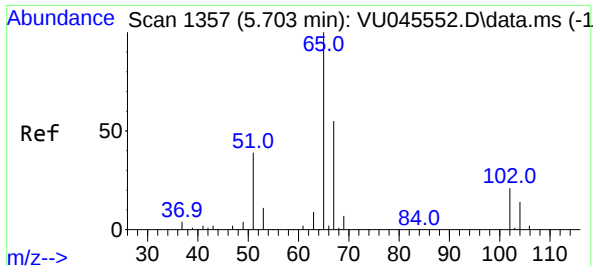
Tgt Ion: 43 Resp: 23990  
Ion Ratio Lower Upper  
43 100  
58 33.5 26.2 39.2



#20  
Methylene Chloride  
Concen: 3.392 ug/l  
RT: 3.054 min Scan# 533  
Delta R.T. 0.006 min  
Lab File: VU045945.D  
Acq: 23 Nov 2021 04:00

Tgt Ion: 84 Resp: 5220  
Ion Ratio Lower Upper  
84 100  
49 116.5 96.4 144.6  
51 39.1 30.5 45.7  
86 64.3 50.3 75.5

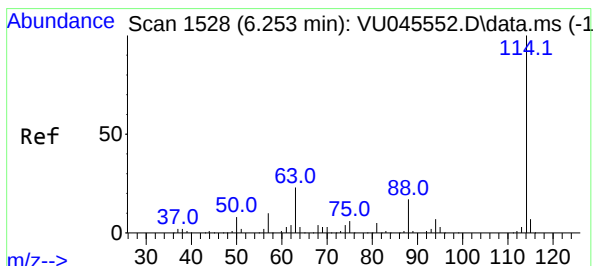
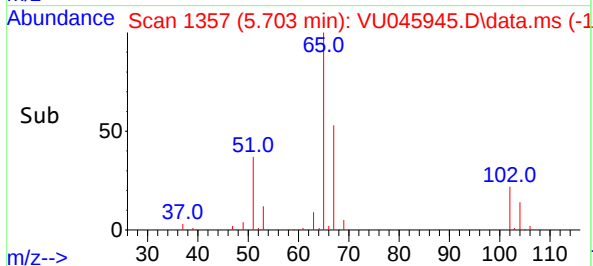
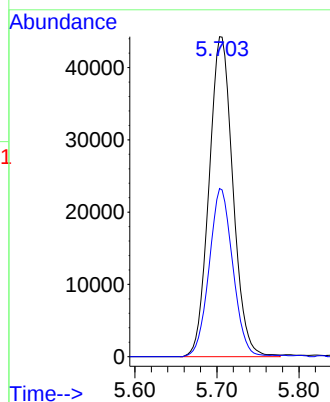
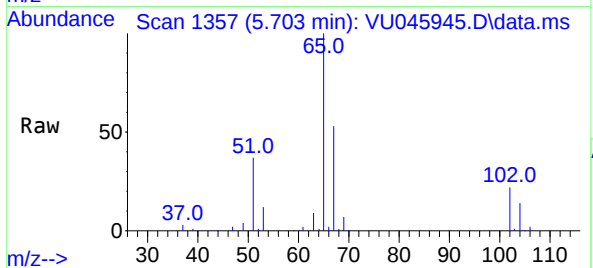




#33  
1,2-Dichloroethane-d4  
Concen: 51.495 ug/l  
RT: 5.703 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VU045945.D  
Acq: 23 Nov 2021 04:00

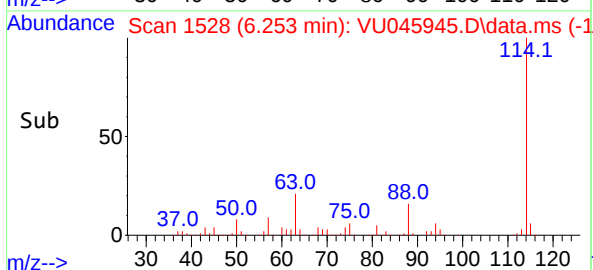
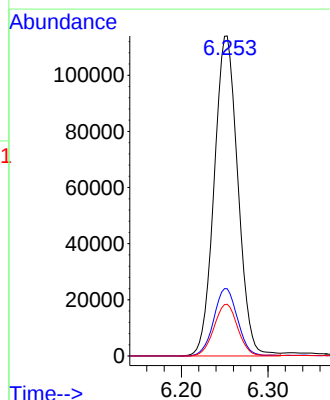
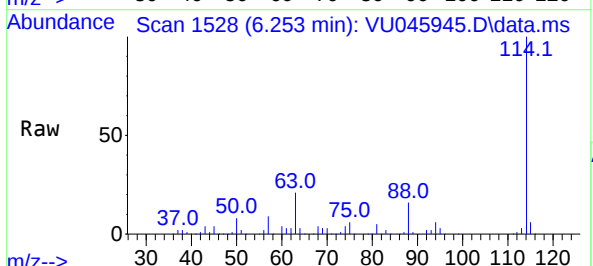
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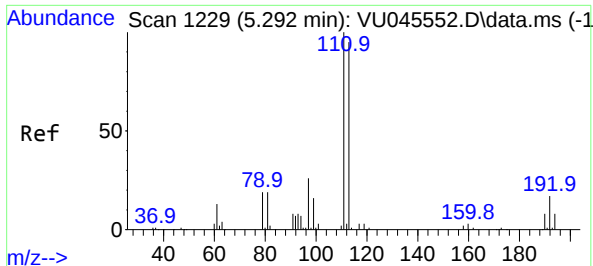
Tgt Ion: 65 Resp: 89594  
Ion Ratio Lower Upper  
65 100  
67 52.1 0.0 105.8



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.253 min Scan# 1528  
Delta R.T. -0.000 min  
Lab File: VU045945.D  
Acq: 23 Nov 2021 04:00

Tgt Ion: 114 Resp: 216585  
Ion Ratio Lower Upper  
114 100  
63 21.0 0.0 45.6  
88 16.2 0.0 33.8





#35

Dibromofluoromethane

Concen: 49.952 ug/l

RT: 5.292 min Scan# 1113

Delta R.T. -0.000 min

Lab File: VU045945.D

Acq: 23 Nov 2021 04:00

Instrument :

MSVOA\_U

ClientSampleId :

HAR-22

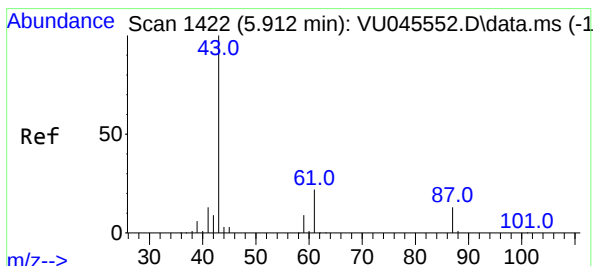
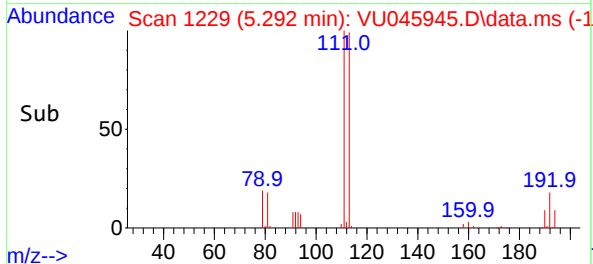
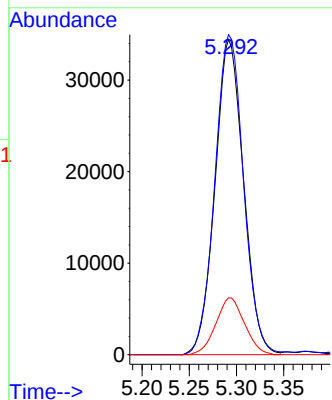
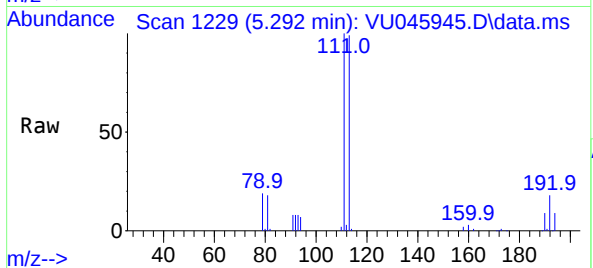
Tgt Ion:113 Resp: 72232

Ion Ratio Lower Upper

113 100

111 102.3 82.8 124.2

192 18.1 14.8 22.2



#43

Isopropyl Acetate

Concen: 3.908 ug/l

RT: 5.915 min Scan# 1423

Delta R.T. 0.003 min

Lab File: VU045945.D

Acq: 23 Nov 2021 04:00

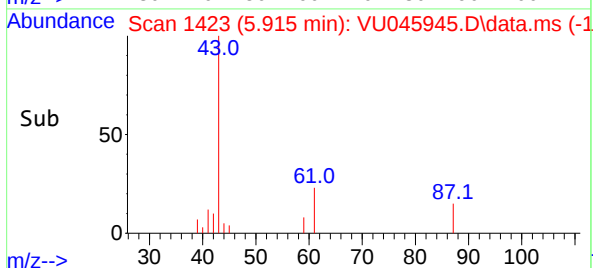
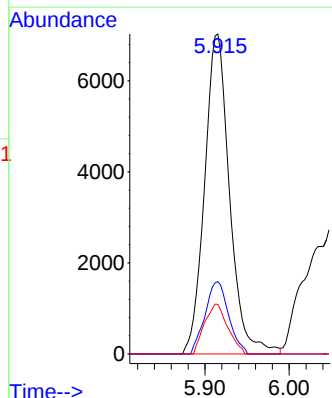
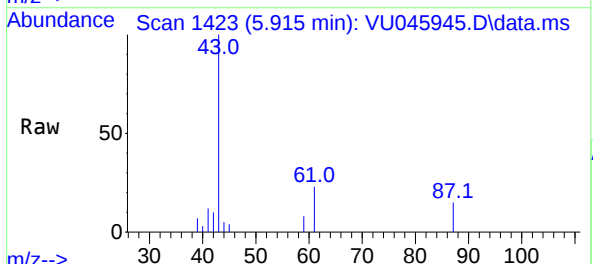
Tgt Ion: 43 Resp: 14500

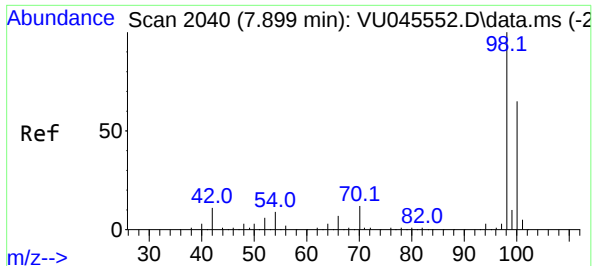
Ion Ratio Lower Upper

43 100

61 21.2 16.9 25.3

87 14.4 11.0 16.4

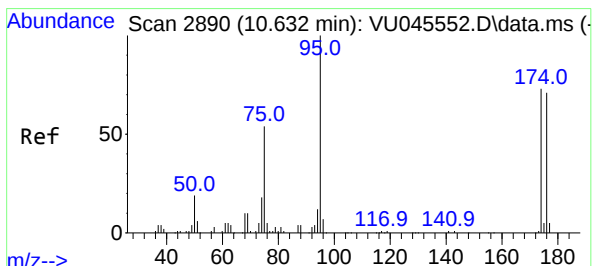
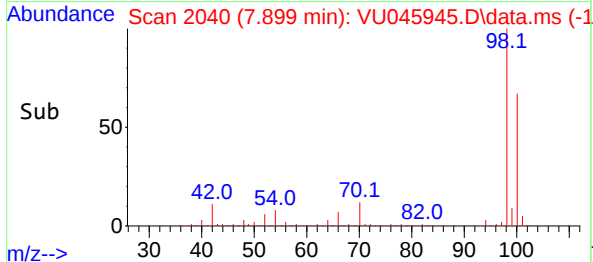
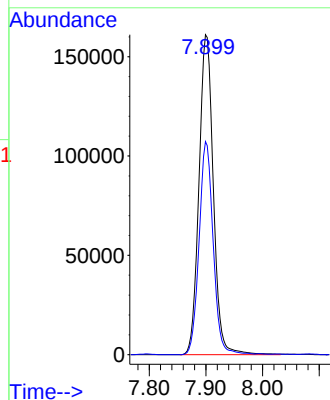
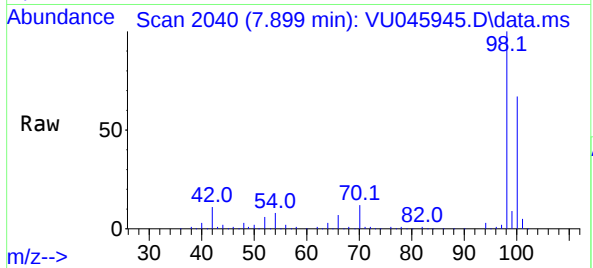




#50  
Toluene-d8  
Concen: 52.794 ug/l  
RT: 7.899 min Scan# 2040  
Delta R.T. -0.000 min  
Lab File: VU045945.D  
Acq: 23 Nov 2021 04:00

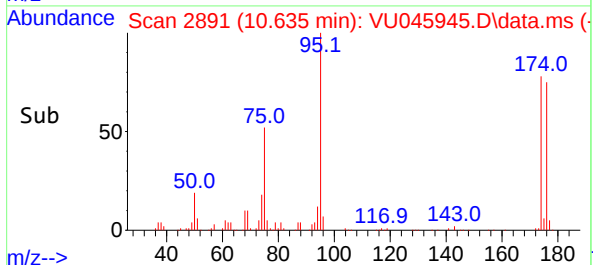
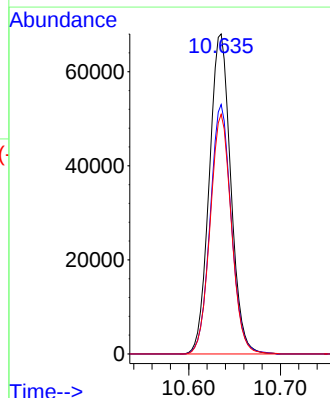
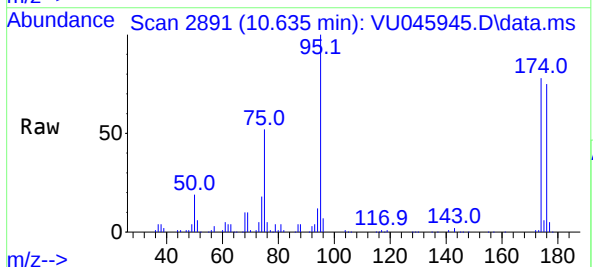
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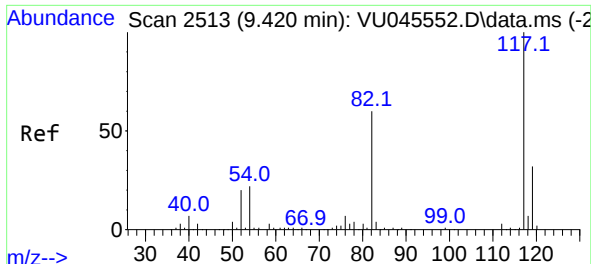
Tgt Ion: 98 Resp: 283876  
Ion Ratio Lower Upper  
98 100  
100 65.2 52.5 78.7



#62  
4-Bromofluorobenzene  
Concen: 51.383 ug/l  
RT: 10.635 min Scan# 2891  
Delta R.T. 0.003 min  
Lab File: VU045945.D  
Acq: 23 Nov 2021 04:00

Tgt Ion: 95 Resp: 110790  
Ion Ratio Lower Upper  
95 100  
174 76.6 0.0 141.8  
176 73.8 0.0 138.2

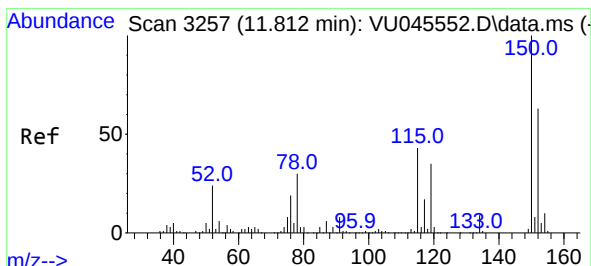
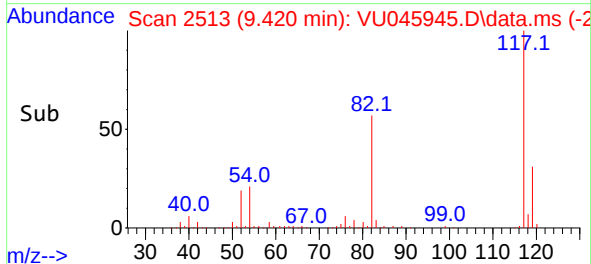
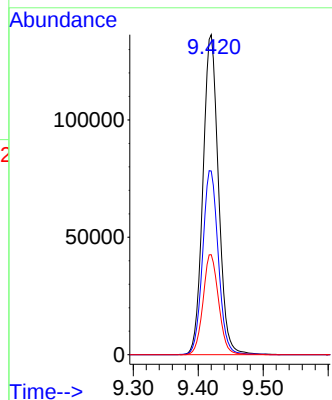
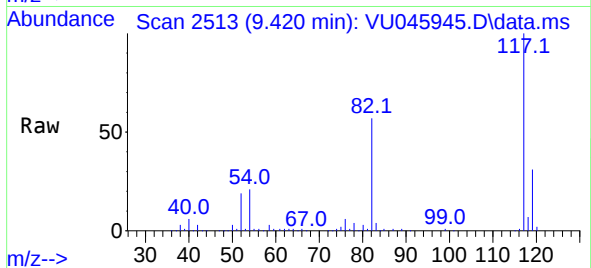




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.420 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU045945.D  
Acq: 23 Nov 2021 04:00

Instrument :  
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ClientSampleId :  
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Tgt Ion:117 Resp: 227072  
Ion Ratio Lower Upper  
117 100  
82 57.4 47.8 71.8  
119 31.3 25.8 38.8



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.812 min Scan# 3257  
Delta R.T. -0.000 min  
Lab File: VU045945.D  
Acq: 23 Nov 2021 04:00

Tgt Ion:152 Resp: 116431  
Ion Ratio Lower Upper  
152 100  
115 62.2 42.7 128.1  
150 156.1 0.0 346.8

