

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU112221\  
 Data File : VU045932.D  
 Acq On : 22 Nov 2021 23:09  
 Operator : SY/MD  
 Sample : VU1122WBL02  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU1122WBL02

Quant Time: Nov 23 05:21:24 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   | 117396   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.253  | 114   | 213041   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 9.420  | 117   | 223782   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 11.812 | 152   | 114970   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.703  | 65    | 89806    | 51.080   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 102.160% |          |
| 35) Dibromofluoromethane    | 5.292  | 113   | 72628    | 51.062   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 102.120% |          |
| 50) Toluene-d8              | 7.899  | 98    | 276436   | 52.266   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 104.540% |          |
| 62) 4-Bromofluorobenzene    | 10.636 | 95    | 107909   | 50.879   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 101.760% |          |

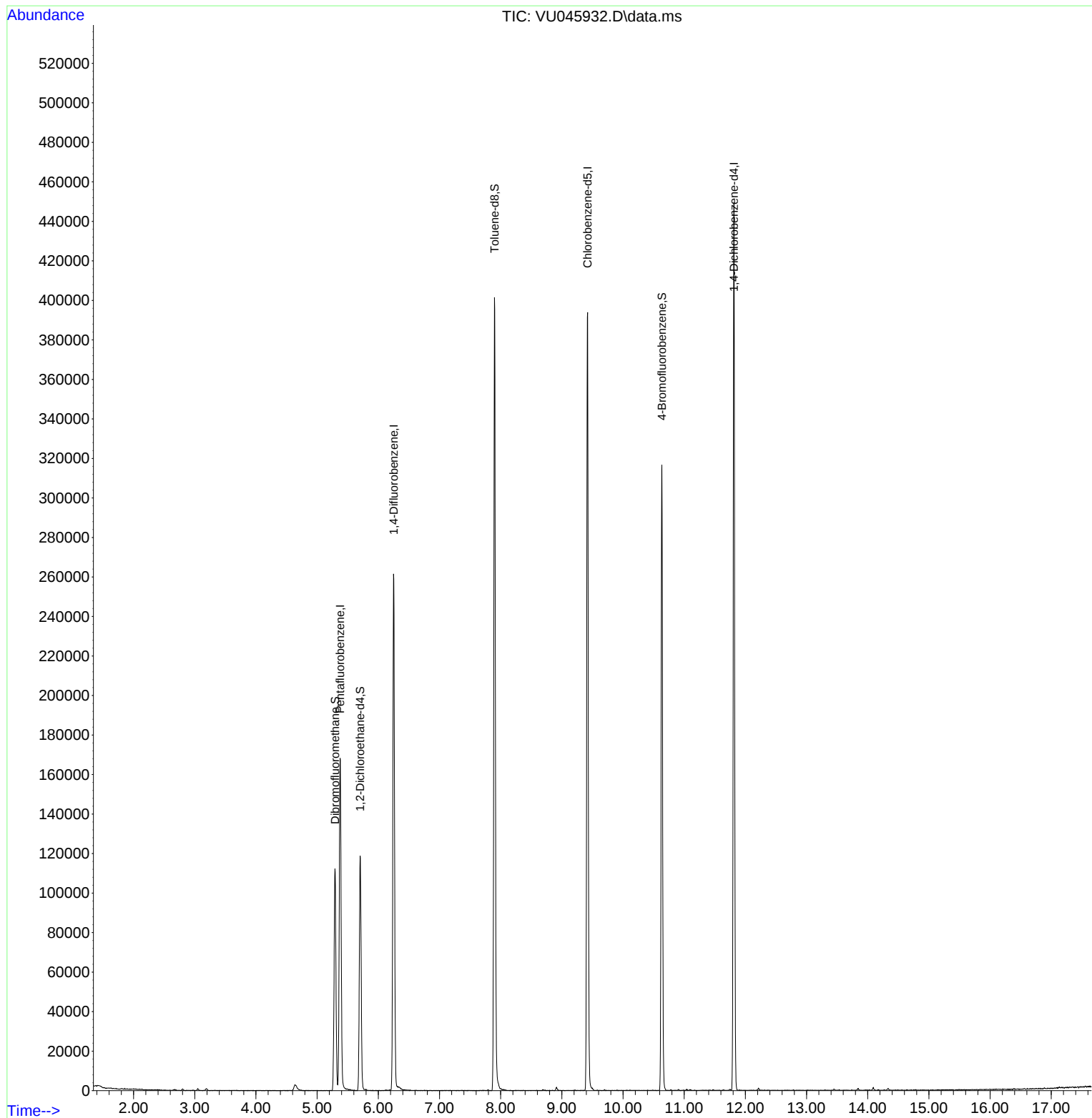
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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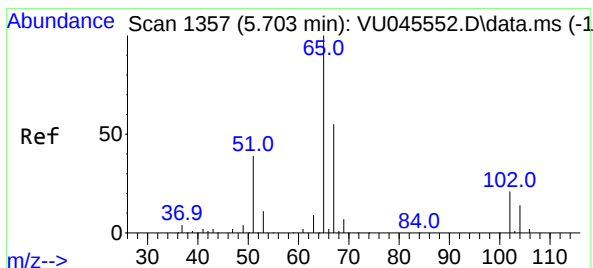
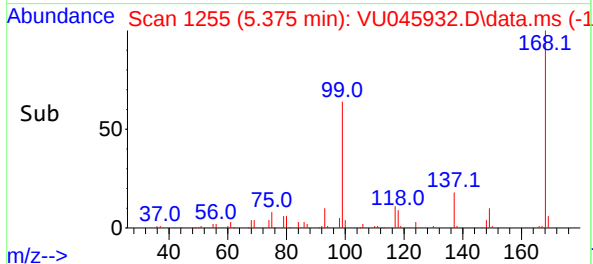
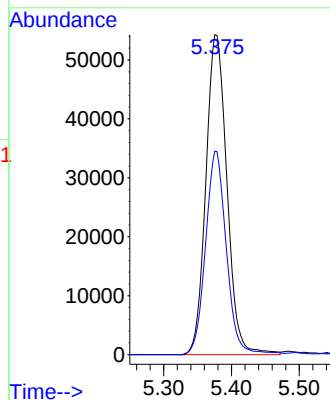
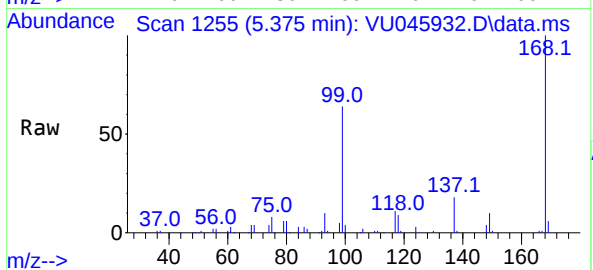




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.375 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VU045932.D  
Acq: 22 Nov 2021 23:09

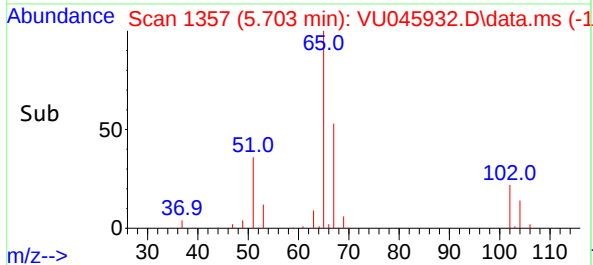
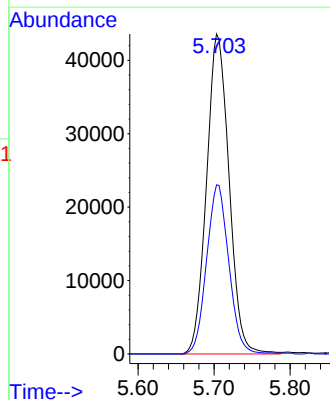
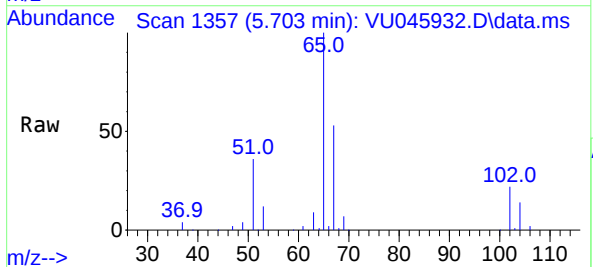
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1122WBL02

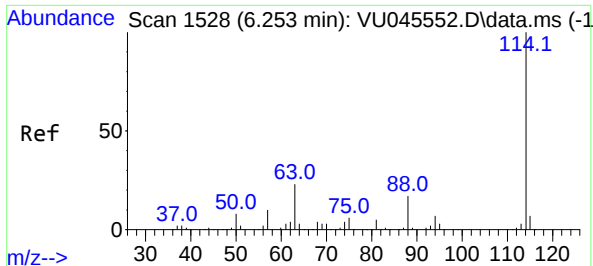
Tgt Ion:168 Resp: 117396  
Ion Ratio Lower Upper  
168 100  
99 63.6 51.0 76.6



#33  
1,2-Dichloroethane-d4  
Concen: 51.080 ug/l  
RT: 5.703 min Scan# 1357  
Delta R.T. 0.000 min  
Lab File: VU045932.D  
Acq: 22 Nov 2021 23:09

Tgt Ion: 65 Resp: 89806  
Ion Ratio Lower Upper  
65 100  
67 51.9 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: VU045932.D

Acq: 22 Nov 2021 23:09

Instrument :

MSVOA\_U

ClientSampleId :

VU1122WBL02

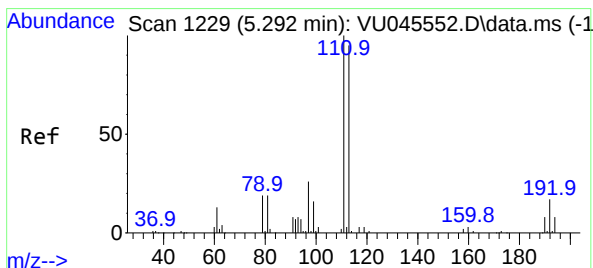
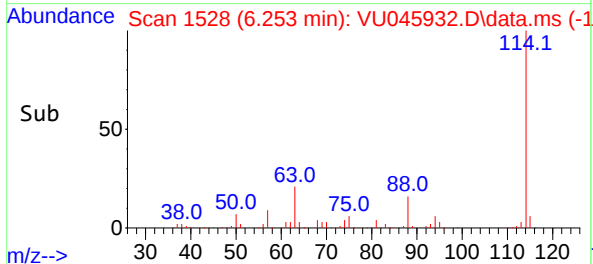
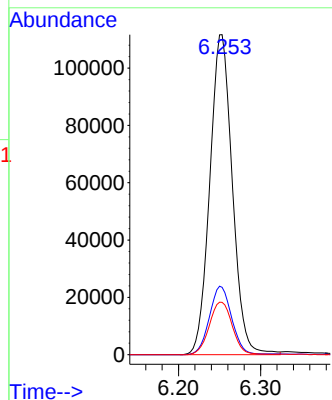
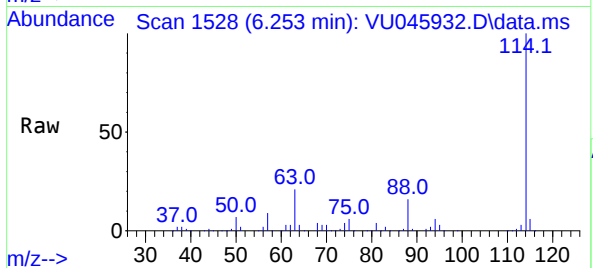
Tgt Ion:114 Resp: 213041

Ion Ratio Lower Upper

114 100

63 21.0 0.0 45.6

88 16.3 0.0 33.8



#35

Dibromofluoromethane

Concen: 51.062 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VU045932.D

Acq: 22 Nov 2021 23:09

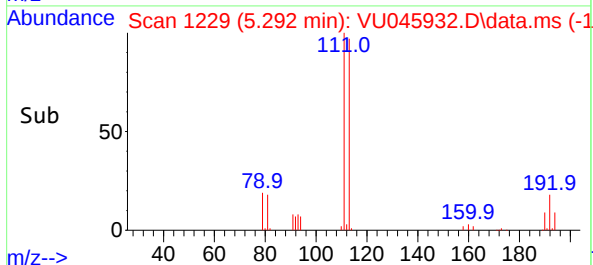
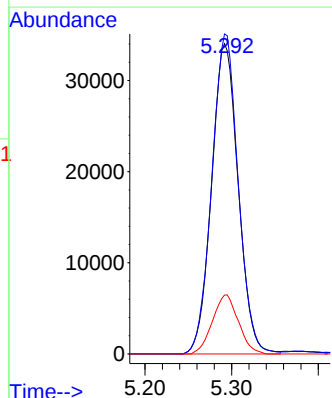
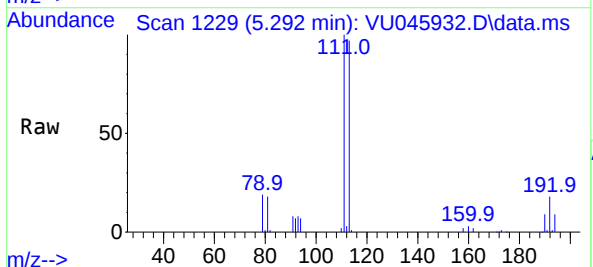
Tgt Ion:113 Resp: 72628

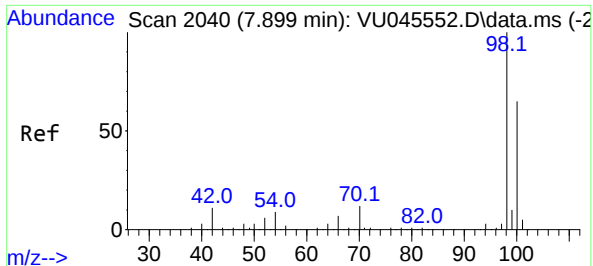
Ion Ratio Lower Upper

113 100

111 102.2 82.8 124.2

192 18.6 14.8 22.2

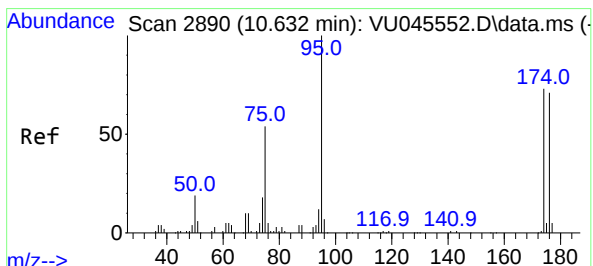
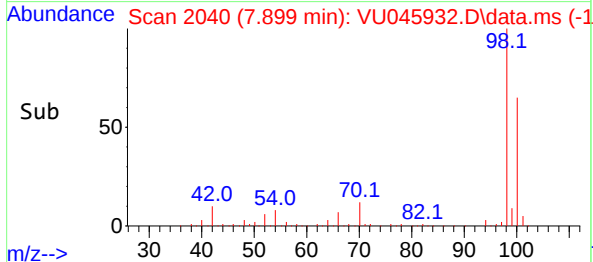
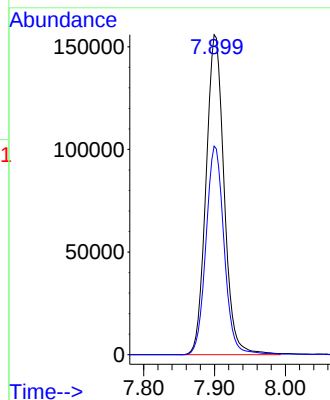
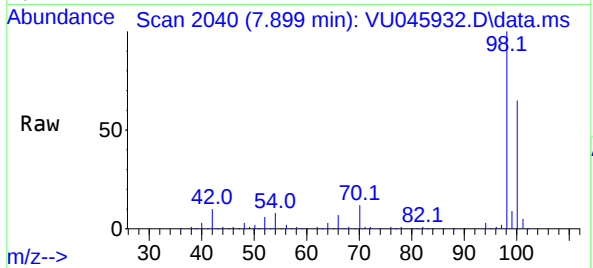




#50  
Toluene-d8  
Concen: 52.266 ug/l  
RT: 7.899 min Scan# 2040  
Delta R.T. 0.000 min  
Lab File: VU045932.D  
Acq: 22 Nov 2021 23:09

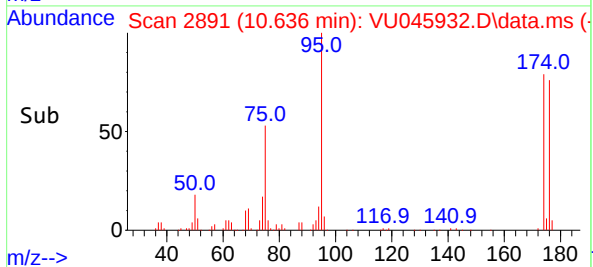
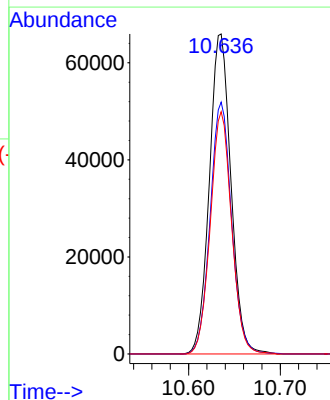
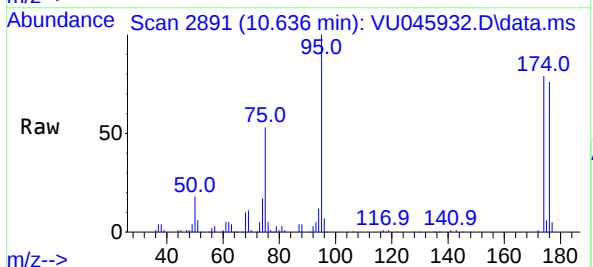
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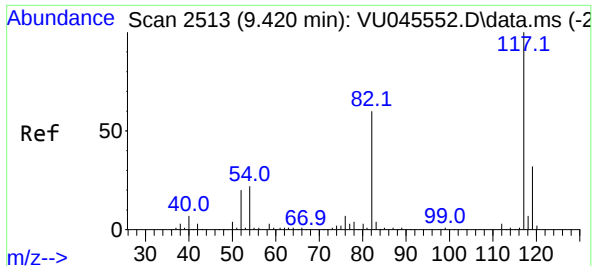
Tgt Ion: 98 Resp: 276436  
Ion Ratio Lower Upper  
98 100  
100 65.4 52.5 78.7



#62  
4-Bromofluorobenzene  
Concen: 50.879 ug/l  
RT: 10.636 min Scan# 2891  
Delta R.T. 0.003 min  
Lab File: VU045932.D  
Acq: 22 Nov 2021 23:09

Tgt Ion: 95 Resp: 107909  
Ion Ratio Lower Upper  
95 100  
174 78.1 0.0 141.8  
176 74.5 0.0 138.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.420 min Scan# 2

Delta R.T. 0.000 min

Lab File: VU045932.D

Acq: 22 Nov 2021 23:09

Instrument :

MSVOA\_U

ClientSampleId :

VU1122WBL02

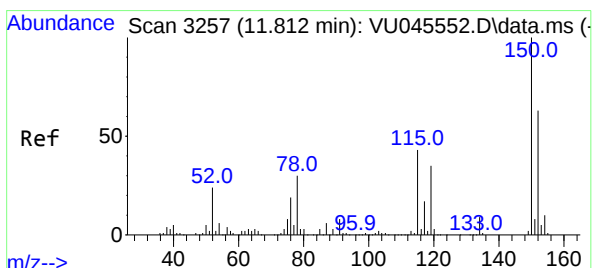
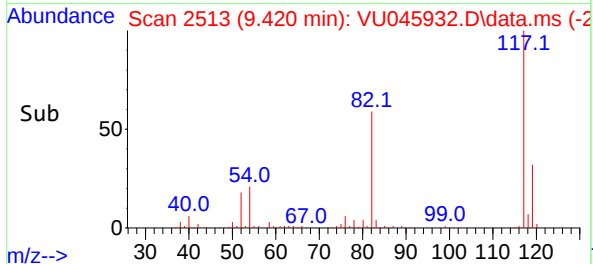
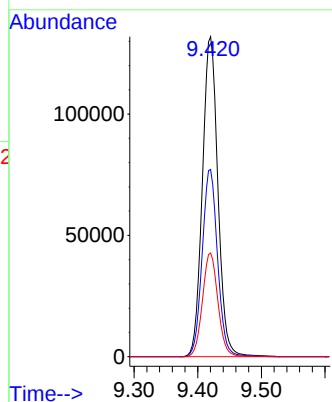
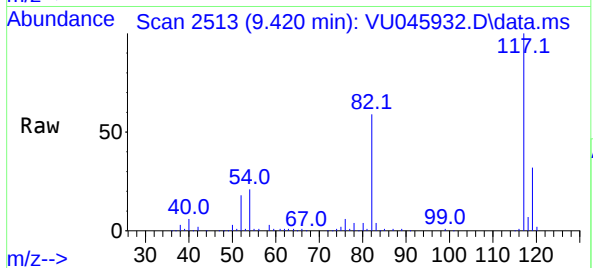
Tgt Ion:117 Resp: 223782

Ion Ratio Lower Upper

117 100

82 58.5 47.8 71.8

119 32.4 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: VU045932.D

Acq: 22 Nov 2021 23:09

Tgt Ion:152 Resp: 114970

Ion Ratio Lower Upper

152 100

115 61.0 42.7 128.1

150 156.3 0.0 346.8

