

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU060722\  
 Data File : VU048942.D  
 Acq On : 08 Jun 2022 04:35  
 Operator : SY/MD  
 Sample : N3166-19 100X  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DUP07-20220601

Quant Time: Jun 08 09:17:12 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      | 5.372  | 168  | 237311   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.247  | 114  | 401512   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.417  | 117  | 363057   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.812 | 152  | 161178   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.700  | 65    | 185117   | 51.941   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 103.880% |
| 35) Dibromofluoromethane    | 5.288  | 113   | 138116   | 48.217   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 96.440%  |
| 50) Toluene-d8              | 7.896  | 98    | 484342   | 47.170   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 94.340%  |
| 62) 4-Bromofluorobenzene    | 10.632 | 95    | 172384   | 44.391   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 88.780%  |

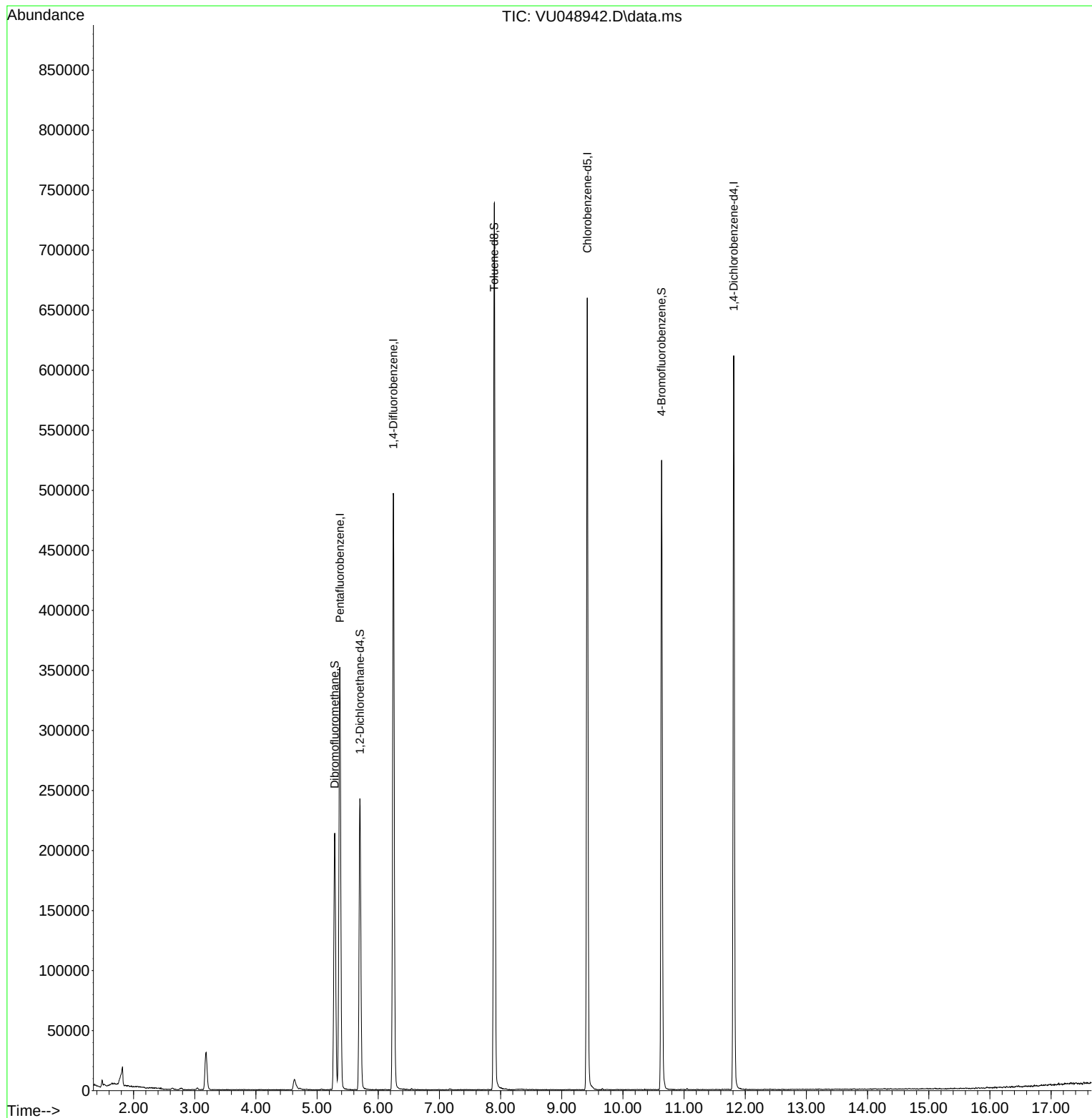
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

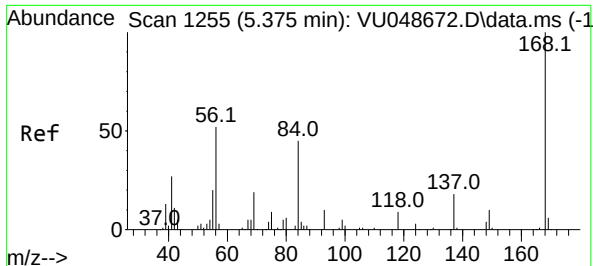
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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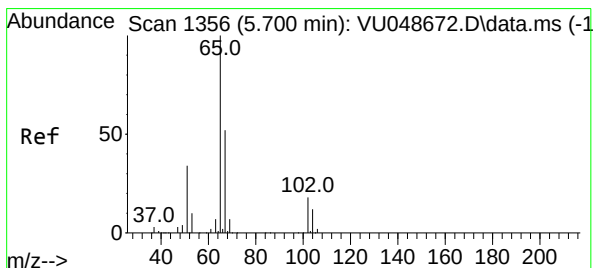
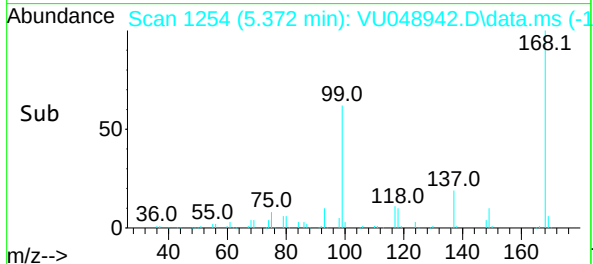
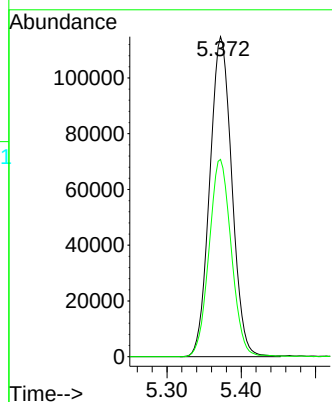
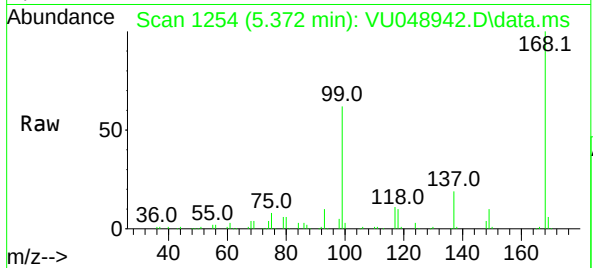




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.372 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: VU048942.D  
Acq: 08 Jun 2022 04:35

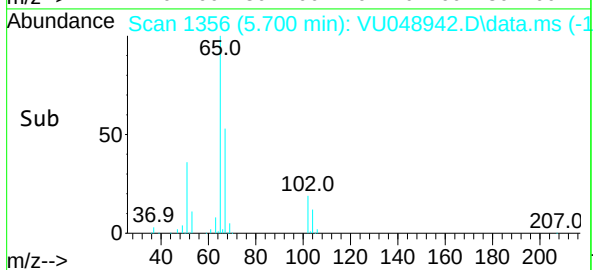
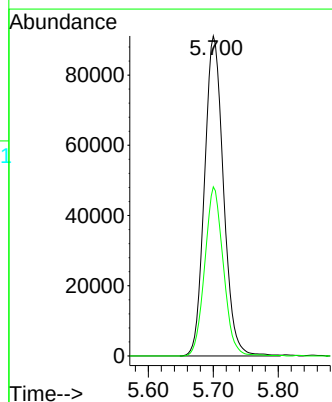
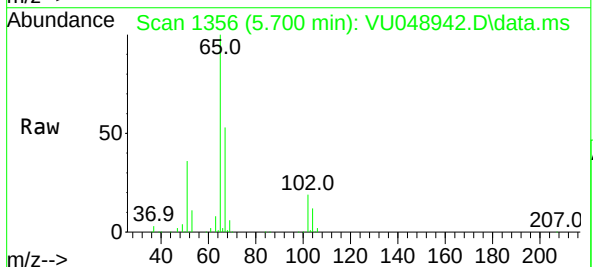
Instrument :  
MSVOA\_U  
ClientSampleId :  
DUP07-20220601

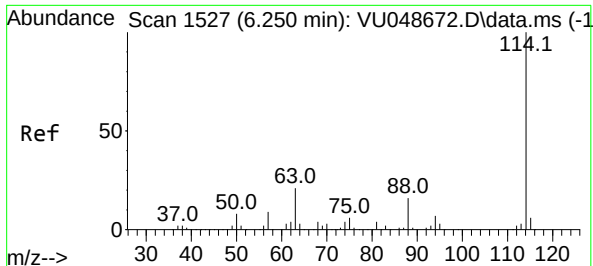
Tgt Ion:168 Resp: 237311  
Ion Ratio Lower Upper  
168 100  
99 61.6 49.3 73.9



#33  
1,2-Dichloroethane-d4  
Concen: 51.941 ug/l  
RT: 5.700 min Scan# 1356  
Delta R.T. -0.000 min  
Lab File: VU048942.D  
Acq: 08 Jun 2022 04:35

Tgt Ion: 65 Resp: 185117  
Ion Ratio Lower Upper  
65 100  
67 51.9 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU048942.D

Acq: 08 Jun 2022 04:35

Instrument :

MSVOA\_U

ClientSampleId :

DUP07-20220601

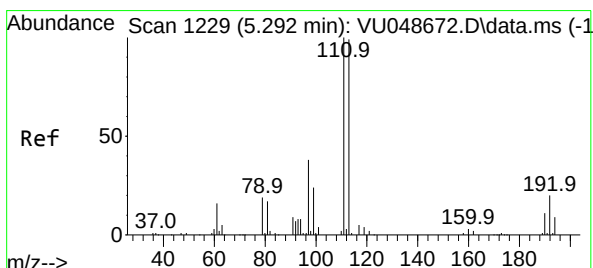
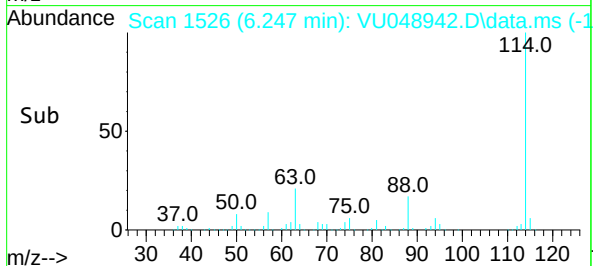
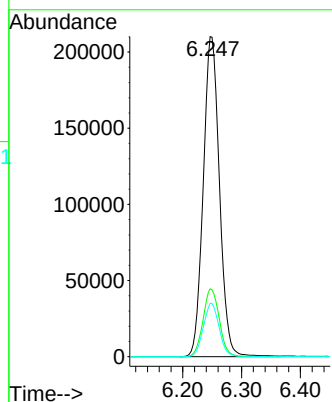
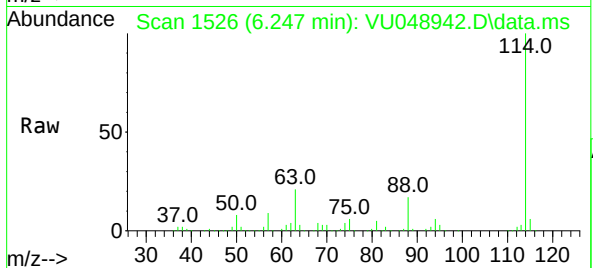
Tgt Ion:114 Resp: 401512

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.6

88 16.7 0.0 32.2



#35

Dibromofluoromethane

Concen: 48.217 ug/l

RT: 5.288 min Scan# 1228

Delta R.T. -0.003 min

Lab File: VU048942.D

Acq: 08 Jun 2022 04:35

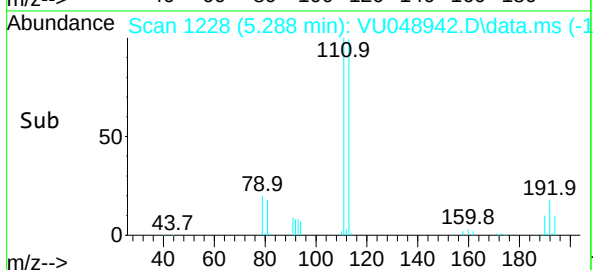
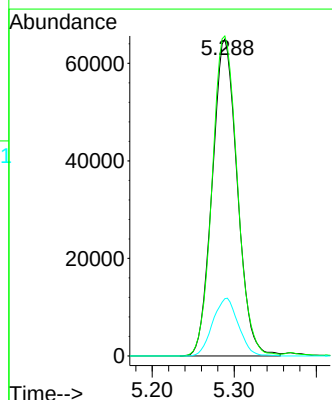
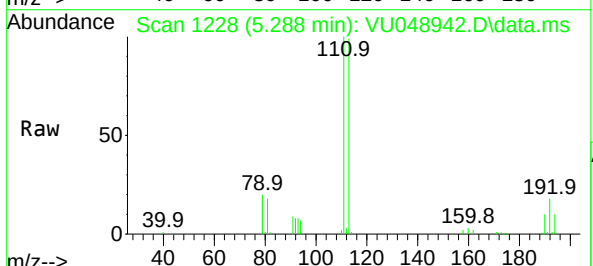
Tgt Ion:113 Resp: 138116

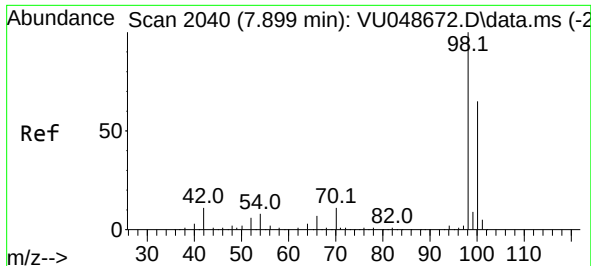
Ion Ratio Lower Upper

113 100

111 101.5 80.7 121.1

192 18.7 15.9 23.9

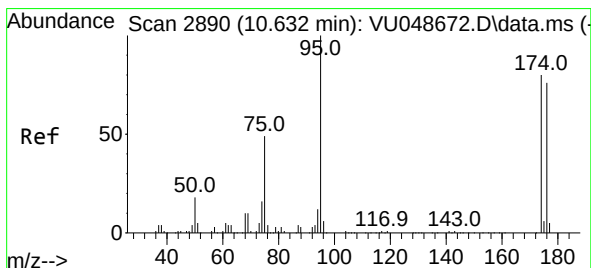
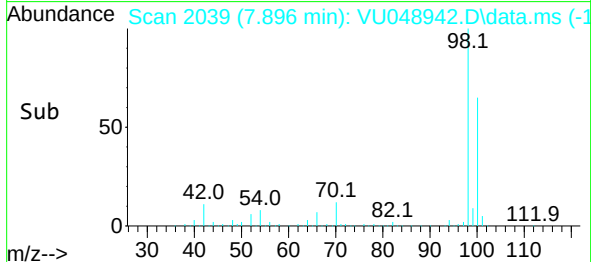
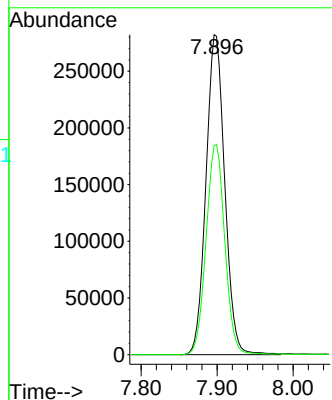
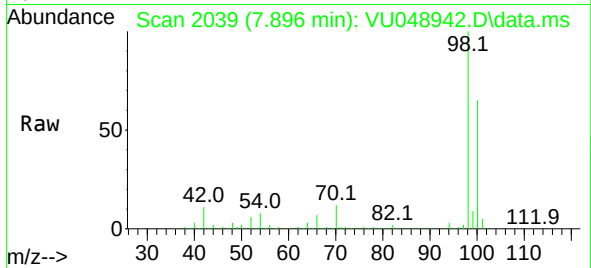




#50  
Toluene-d8  
Concen: 47.170 ug/l  
RT: 7.896 min Scan# 2040  
Delta R.T. -0.003 min  
Lab File: VU048942.D  
Acq: 08 Jun 2022 04:35

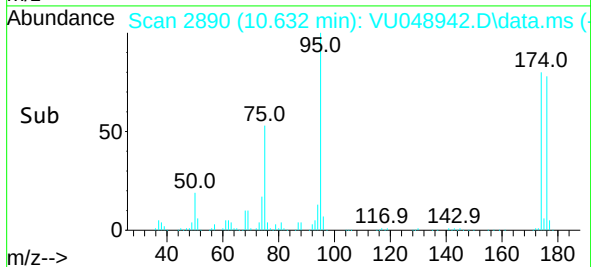
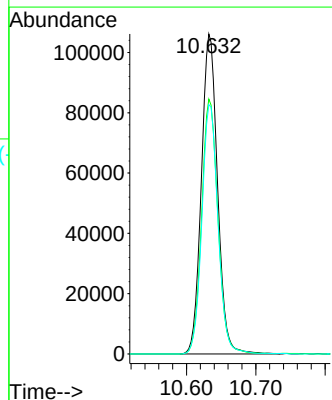
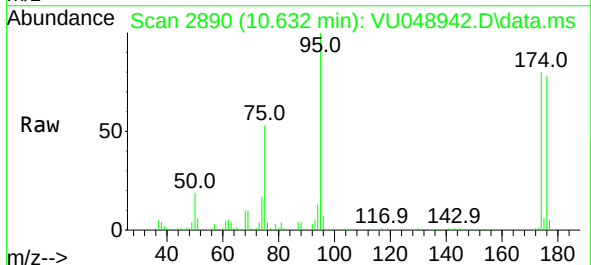
Instrument :  
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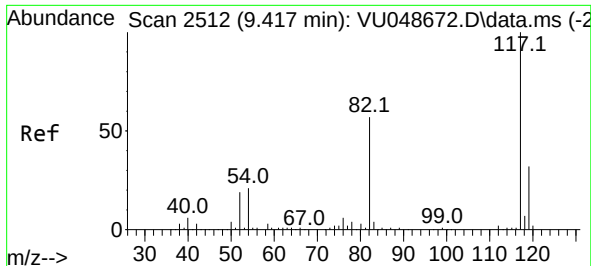
Tgt Ion: 98 Resp: 484342  
Ion Ratio Lower Upper  
98 100  
100 65.5 52.2 78.4



#62  
4-Bromofluorobenzene  
Concen: 44.391 ug/l  
RT: 10.632 min Scan# 2890  
Delta R.T. -0.000 min  
Lab File: VU048942.D  
Acq: 08 Jun 2022 04:35

Tgt Ion: 95 Resp: 172384  
Ion Ratio Lower Upper  
95 100  
174 80.3 0.0 159.4  
176 77.8 0.0 152.4

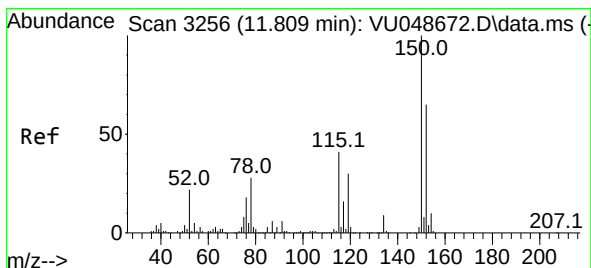
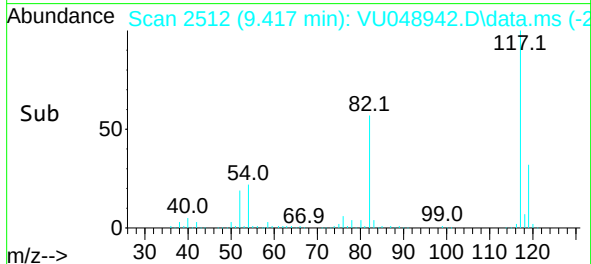
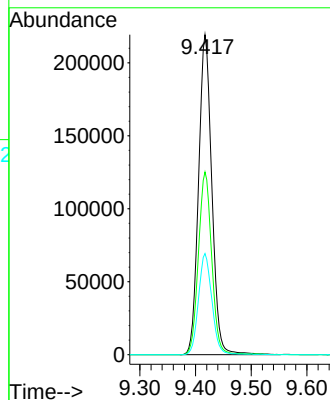
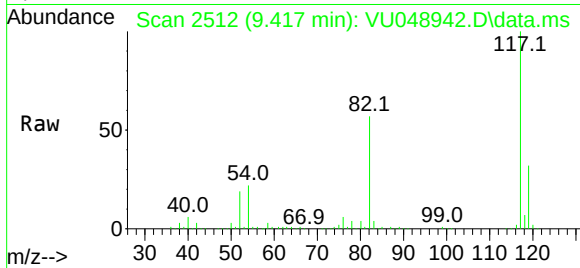




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.417 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU048942.D  
Acq: 08 Jun 2022 04:35

Instrument :  
MSVOA\_U  
ClientSampleId :  
DUP07-20220601

Tgt Ion:117 Resp: 363057  
Ion Ratio Lower Upper  
117 100  
82 57.1 45.3 67.9  
119 31.6 25.4 38.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.812 min Scan# 3257  
Delta R.T. 0.003 min  
Lab File: VU048942.D  
Acq: 08 Jun 2022 04:35

Tgt Ion:152 Resp: 161178  
Ion Ratio Lower Upper  
152 100  
115 59.0 41.8 125.4  
150 157.3 0.0 341.0

