

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX082123\  
 Data File : VX037135.D  
 Acq On : 21 Aug 2023 16:56  
 Operator : JC/MD  
 Sample : 04086-15ME  
 Misc : 5.00g/5.0mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 B-PP18AME

Quant Time: Aug 22 05:58:27 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081723W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 18 09:30:38 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.550  | 168  | 129825   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.757  | 114  | 216724   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 200661   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 103516   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |           |
|-----------------------------|--------|-------|----------|----------|------|-----------|
| System Monitoring Compounds |        |       |          |          |      |           |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 116718   | 62.361   | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 124.720%# |
| 35) Dibromofluoromethane    | 5.391  | 113   | 87738    | 61.128   | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 122.260%  |
| 50) Toluene-d8              | 8.647  | 98    | 339545   | 65.217   | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 130.440%# |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 136104   | 66.520   | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 133.040%# |

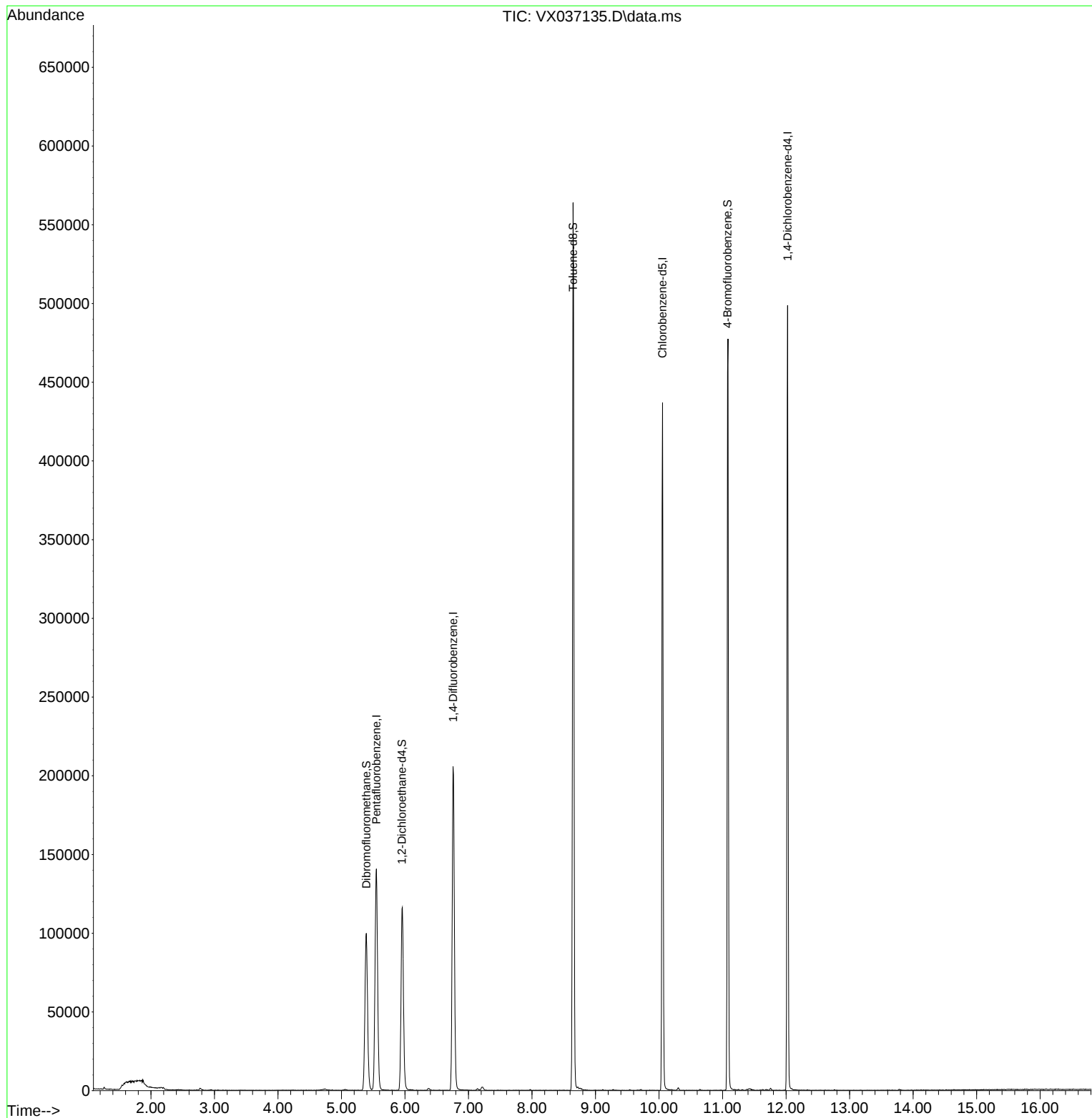
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

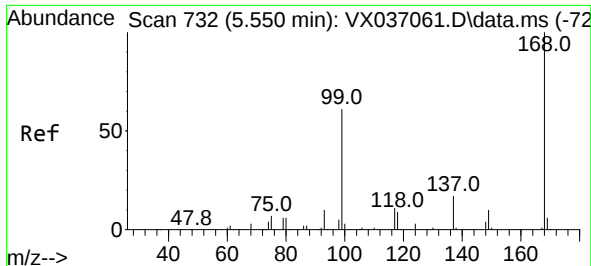
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Fri Aug 18 09:30:38 2023  
Response via : Initial Calibration

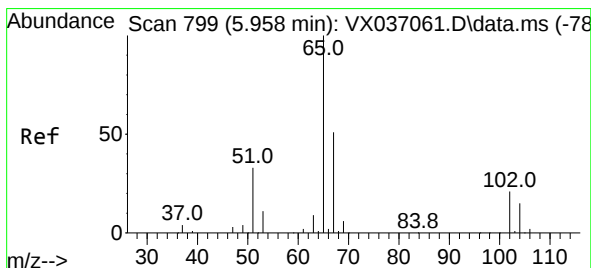
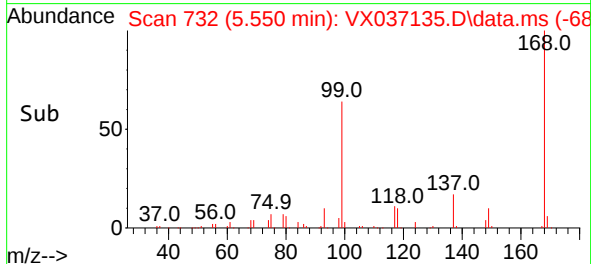
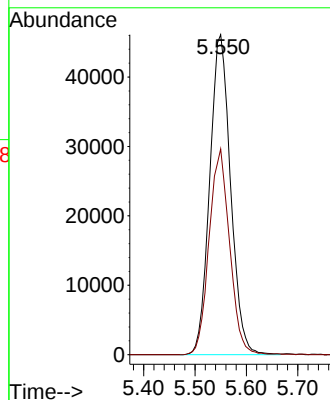
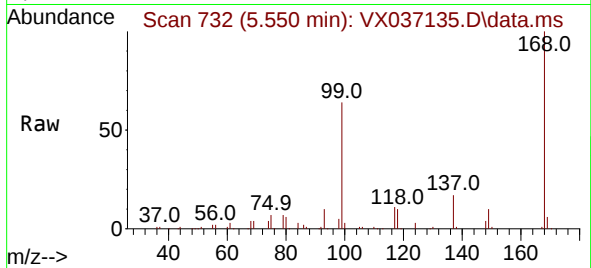




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX037135.D  
Acq: 21 Aug 2023 16:56

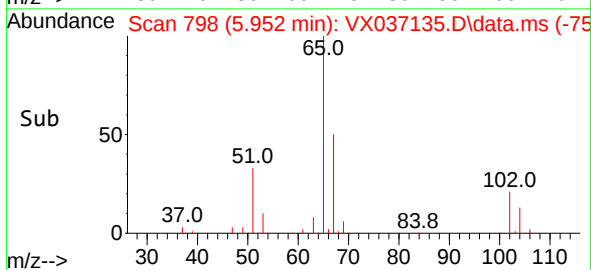
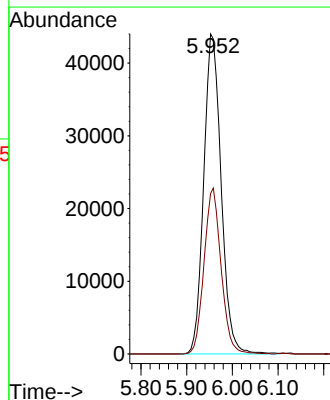
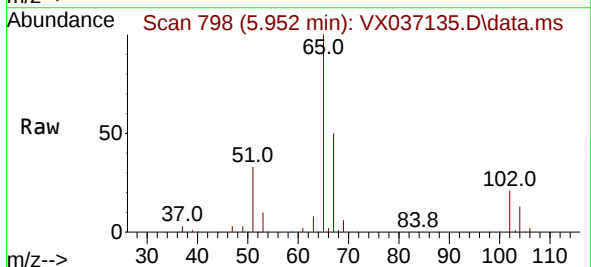
Instrument :  
MSVOA\_X  
ClientSampleId :  
B-PP18AME

Tgt Ion:168 Resp: 129825  
Ion Ratio Lower Upper  
168 100  
99 64.3 56.6 85.0



#33  
1,2-Dichloroethane-d4  
Concen: 62.361 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.006 min  
Lab File: VX037135.D  
Acq: 21 Aug 2023 16:56

Tgt Ion: 65 Resp: 116718  
Ion Ratio Lower Upper  
65 100  
67 50.8 0.0 100.2

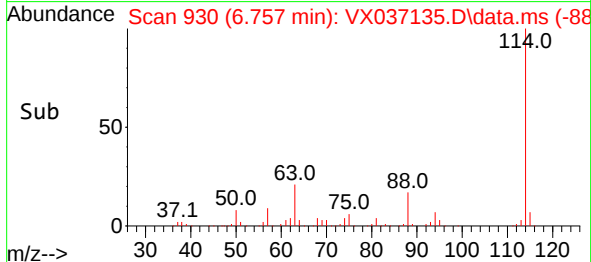
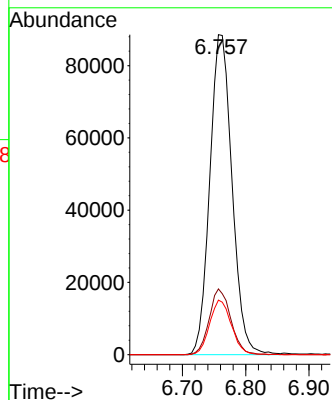
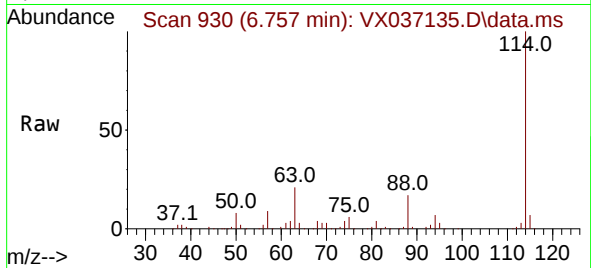




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VX037135.D  
Acq: 21 Aug 2023 16:56

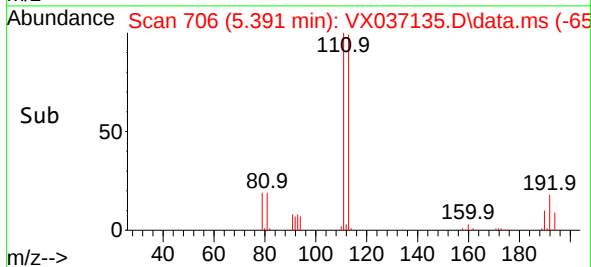
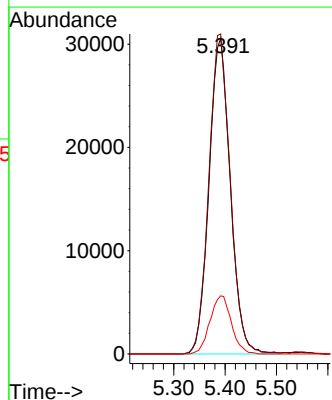
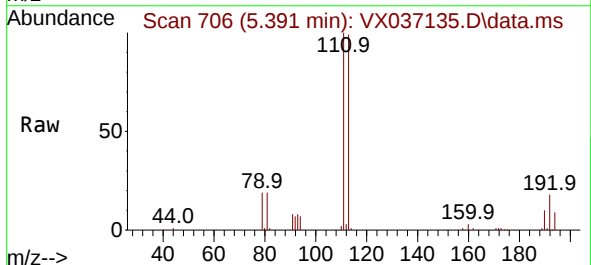
Instrument :  
MSVOA\_X  
ClientSampleId :  
B-PP18AME

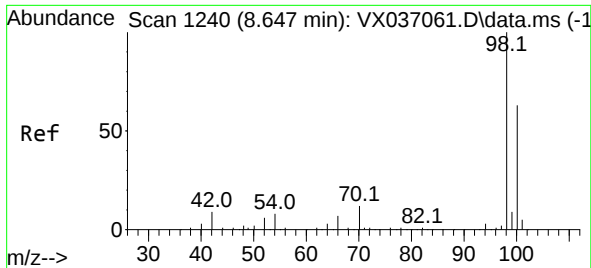
Tgt Ion:114 Resp: 216724  
Ion Ratio Lower Upper  
114 100  
63 20.6 0.0 45.0  
88 17.0 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 61.128 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX037135.D  
Acq: 21 Aug 2023 16:56

Tgt Ion:113 Resp: 87738  
Ion Ratio Lower Upper  
113 100  
111 102.3 82.9 124.3  
192 18.5 13.3 19.9

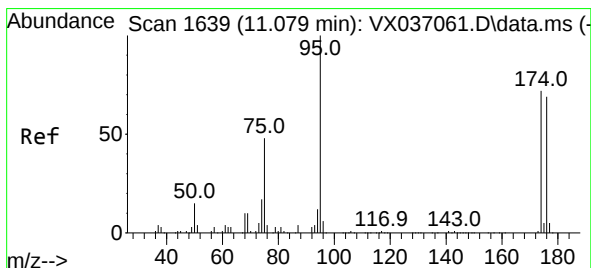
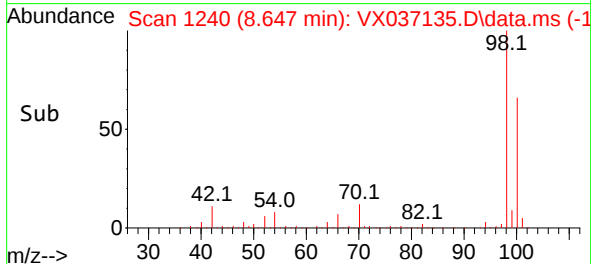
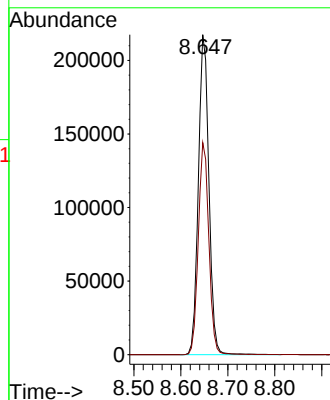
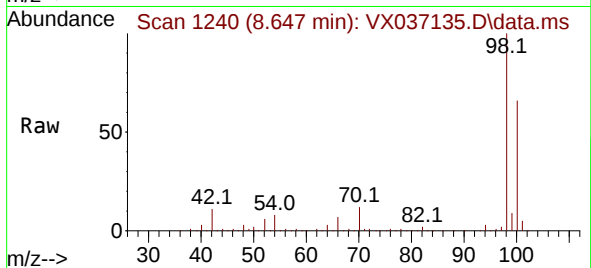




#50  
Toluene-d8  
Concen: 65.217 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX037135.D  
Acq: 21 Aug 2023 16:56

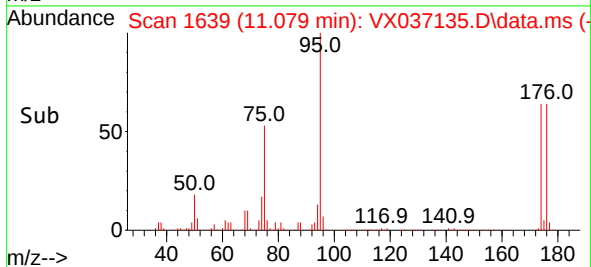
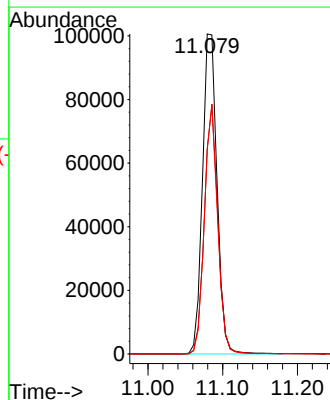
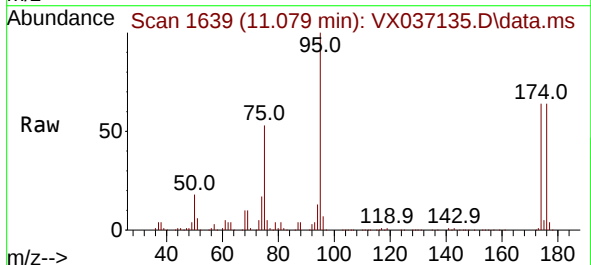
Instrument :  
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ClientSampleId :  
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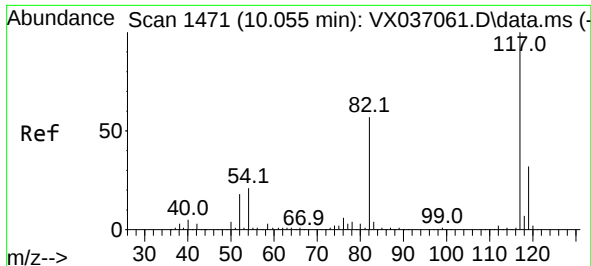
Tgt Ion: 98 Resp: 339545  
Ion Ratio Lower Upper  
98 100  
100 66.5 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 66.520 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX037135.D  
Acq: 21 Aug 2023 16:56

Tgt Ion: 95 Resp: 136104  
Ion Ratio Lower Upper  
95 100  
174 72.2 0.0 135.6  
176 71.0 0.0 131.0

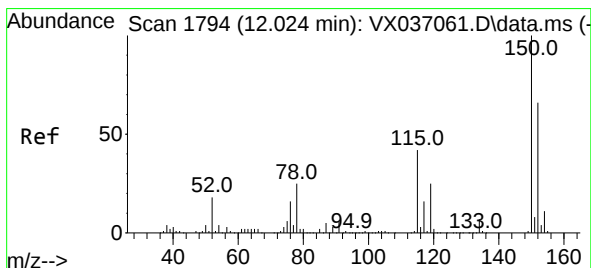
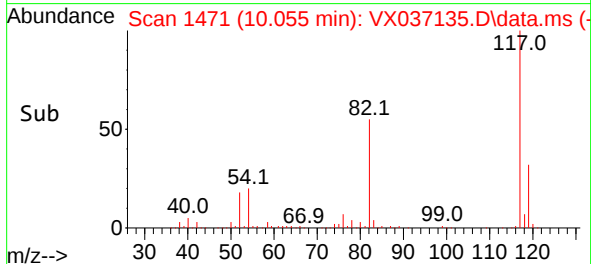
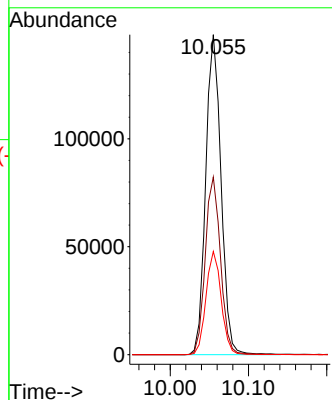
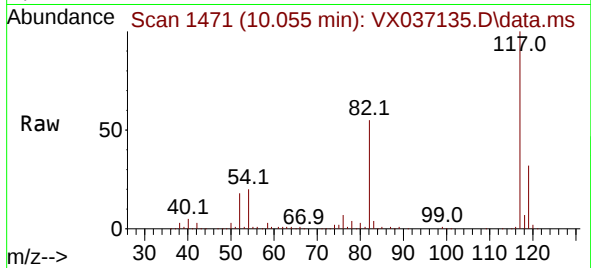




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX037135.D  
Acq: 21 Aug 2023 16:56

Instrument :  
MSVOA\_X  
ClientSampleId :  
B-PP18AME

Tgt Ion:117 Resp: 200661  
Ion Ratio Lower Upper  
117 100  
82 55.5 46.2 69.4  
119 32.3 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX037135.D  
Acq: 21 Aug 2023 16:56

Tgt Ion:152 Resp: 103516  
Ion Ratio Lower Upper  
152 100  
115 63.0 43.3 129.9  
150 158.0 0.0 345.0

