

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX101122\  
 Data File : VX032033.D  
 Acq On : 11 Oct 2022 13:49  
 Operator : JC/MD  
 Sample : N5046-10  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 R-10

Quant Time: Oct 11 16:24:53 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100622W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 06 14:28:46 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.550  | 168  | 79350    | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 115419   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 111818   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 60784    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 79273    | 48.374   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 96.740%  |
| 35) Dibromofluoromethane    | 5.391  | 113   | 58180    | 44.532   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 89.060%  |
| 50) Toluene-d8              | 8.647  | 98    | 231831   | 49.314   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 98.620%  |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 67293    | 40.489   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 80.980%# |

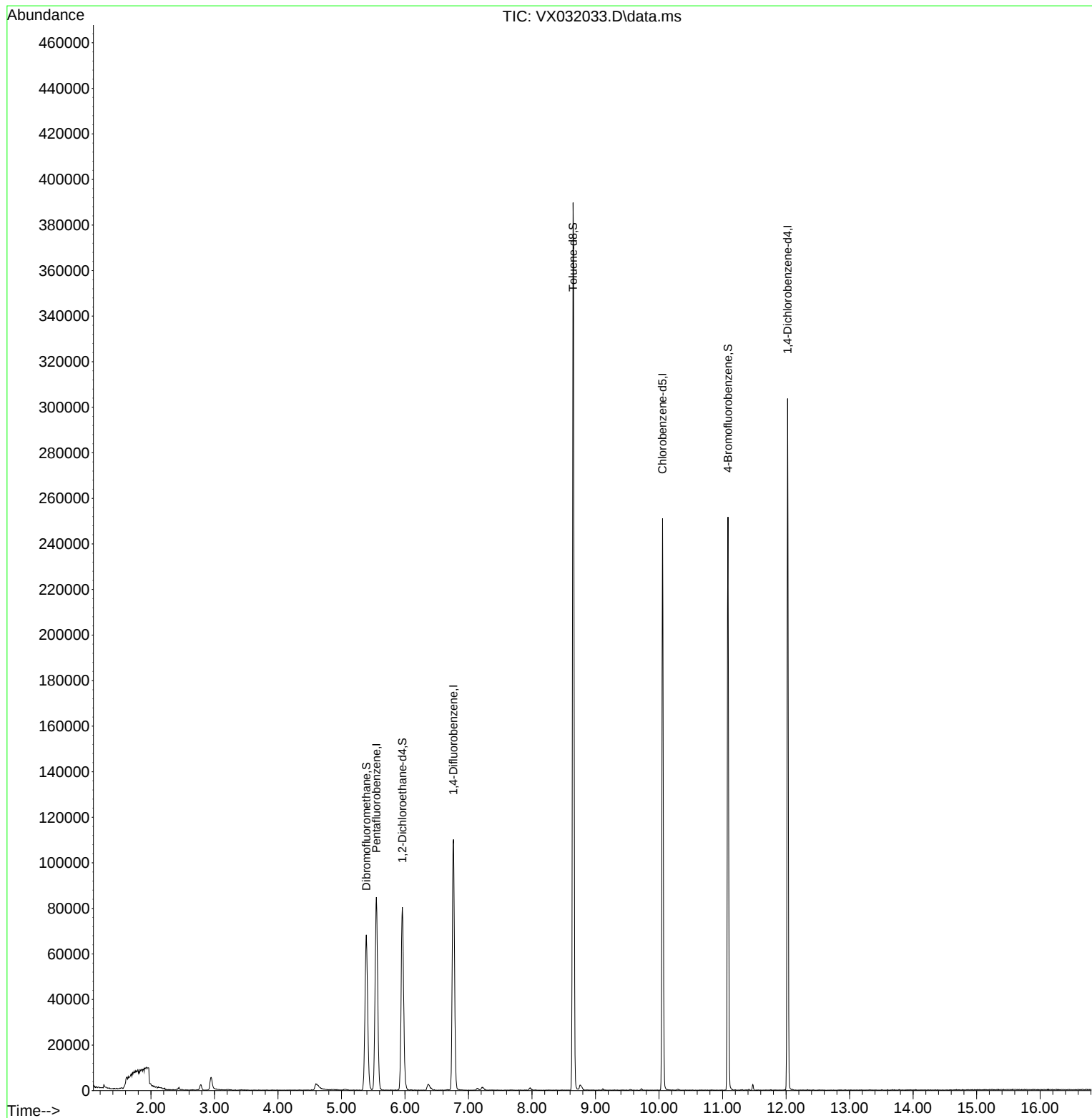
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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Instrument :  
MSVOA\_X  
ClientSampleId :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100622W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 06 14:28:46 2022  
Response via : Initial Calibration

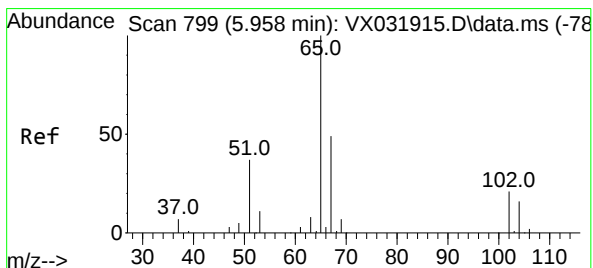
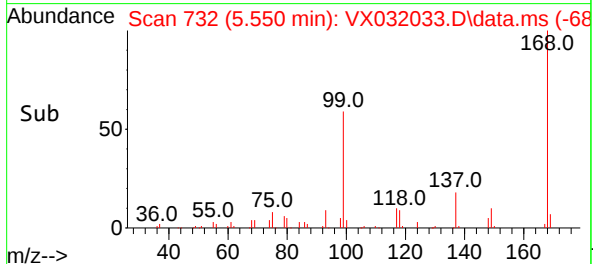
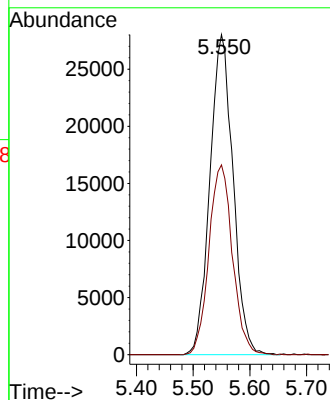
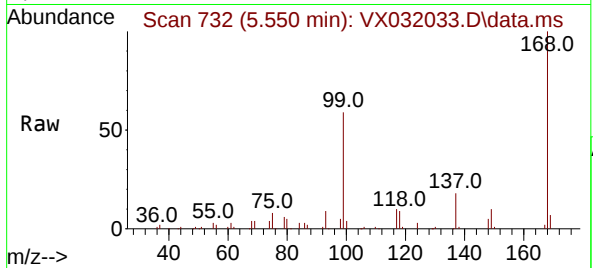




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 713  
Delta R.T. -0.006 min  
Lab File: VX032033.D  
Acq: 11 Oct 2022 13:49

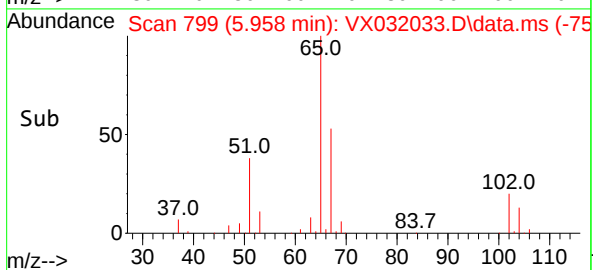
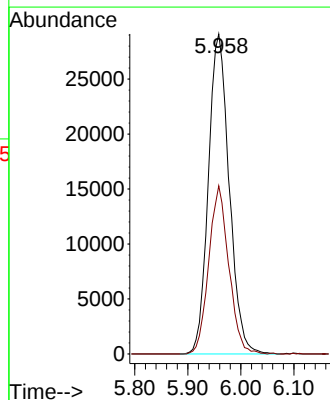
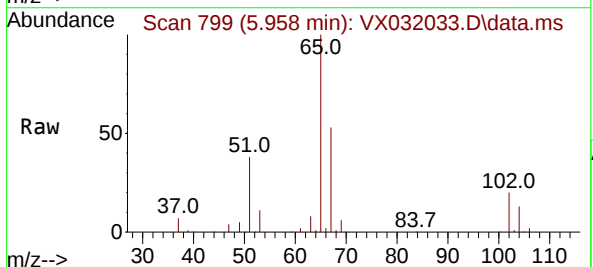
Instrument :  
MSVOA\_X  
ClientSampleId :  
R-10

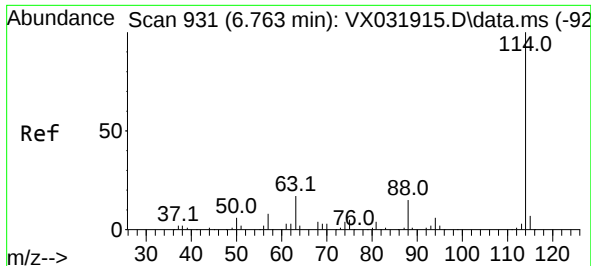
Tgt Ion:168 Resp: 79350  
Ion Ratio Lower Upper  
168 100  
99 59.3 48.8 73.2



#33  
1,2-Dichloroethane-d4  
Concen: 48.374 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX032033.D  
Acq: 11 Oct 2022 13:49

Tgt Ion: 65 Resp: 79273  
Ion Ratio Lower Upper  
65 100  
67 50.5 0.0 102.4

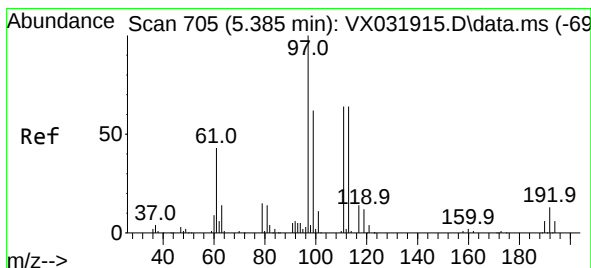
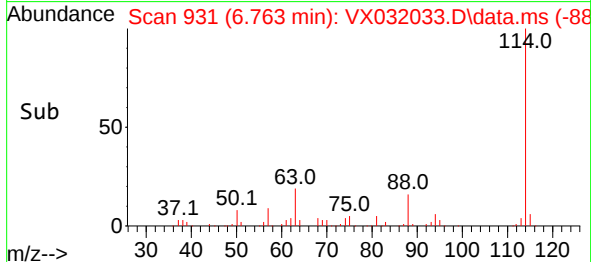
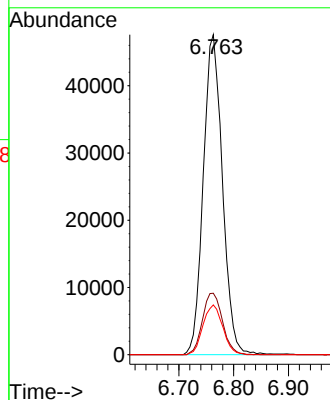
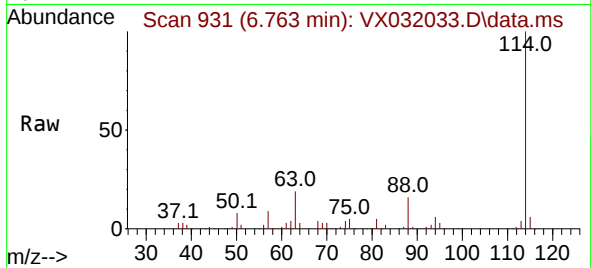




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX032033.D  
Acq: 11 Oct 2022 13:49

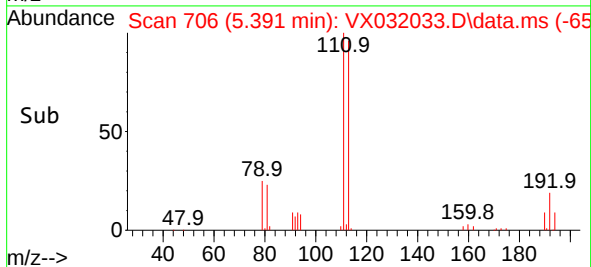
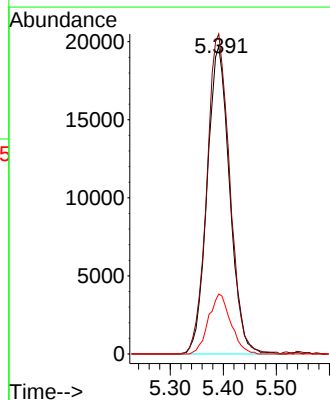
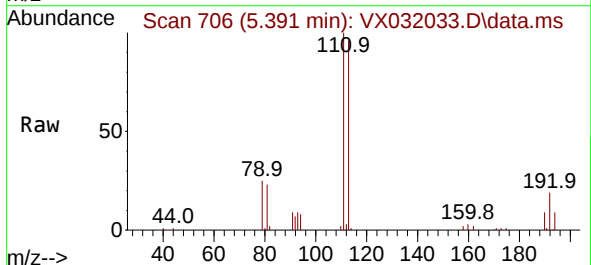
Instrument :  
MSVOA\_X  
ClientSampleId :  
R-10

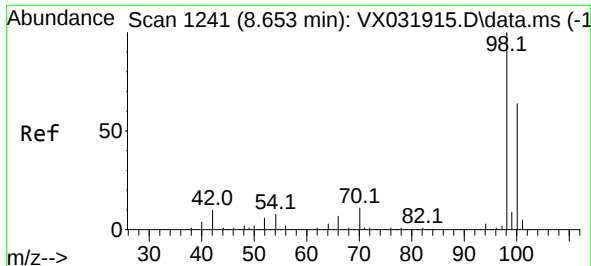
Tgt Ion:114 Resp: 115419  
Ion Ratio Lower Upper  
114 100  
63 19.2 0.0 42.6  
88 15.6 0.0 33.0



#35  
Dibromofluoromethane  
Concen: 44.532 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX032033.D  
Acq: 11 Oct 2022 13:49

Tgt Ion:113 Resp: 58180  
Ion Ratio Lower Upper  
113 100  
111 105.4 82.4 123.6  
192 19.2 14.1 21.1





#50

Toluene-d8

Concen: 49.314 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX032033.D

Acq: 11 Oct 2022 13:49

Instrument :

MSVOA\_X

ClientSampleId :

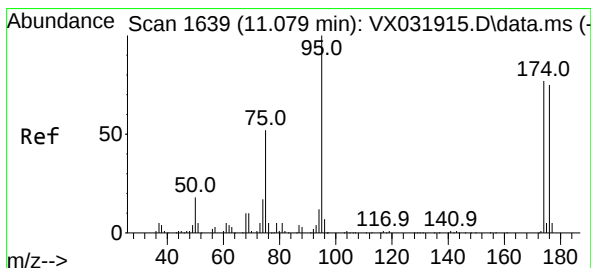
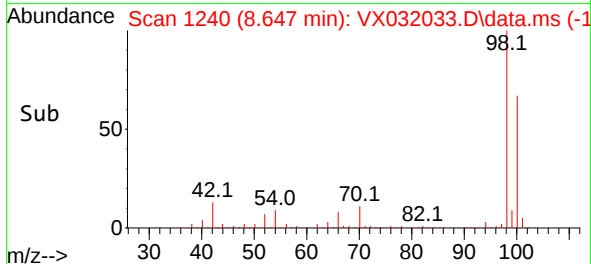
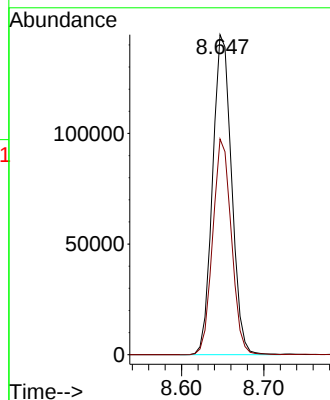
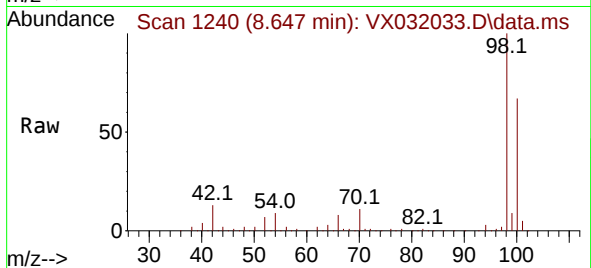
R-10

Tgt Ion: 98 Resp: 231831

Ion Ratio Lower Upper

98 100

100 66.2 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 40.489 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX032033.D

Acq: 11 Oct 2022 13:49

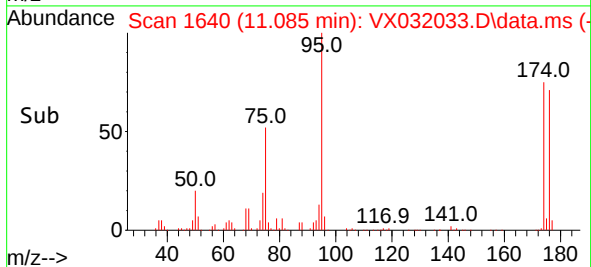
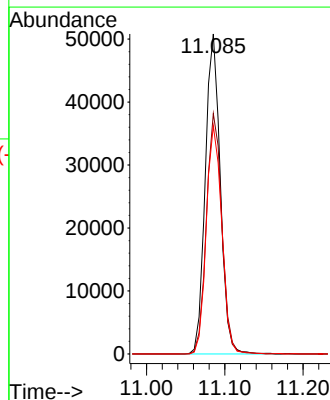
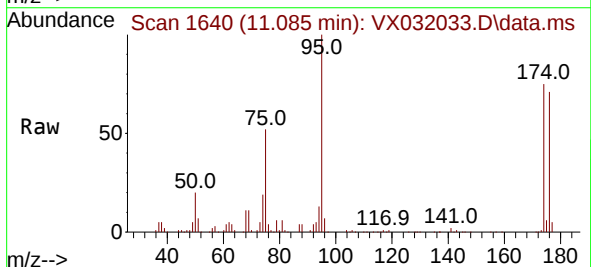
Tgt Ion: 95 Resp: 67293

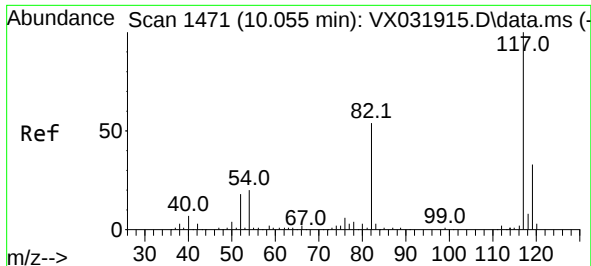
Ion Ratio Lower Upper

95 100

174 77.8 0.0 153.2

176 73.7 0.0 144.0

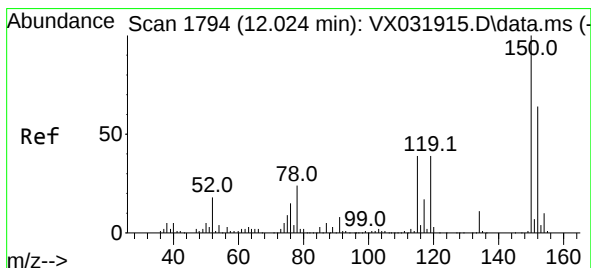
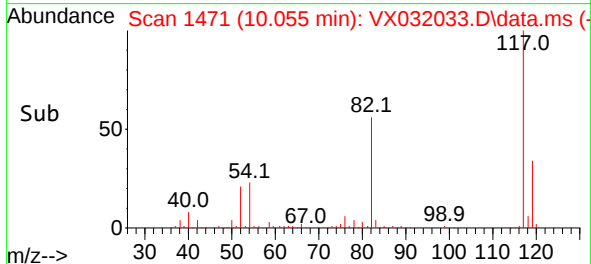
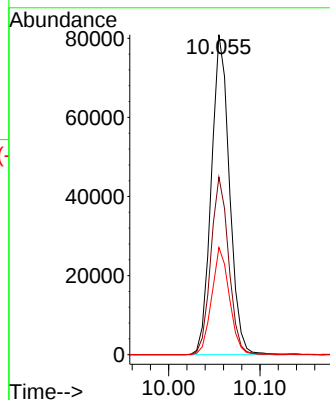
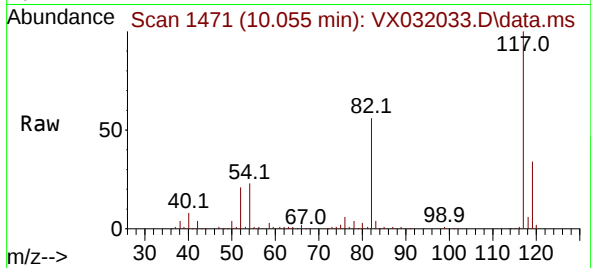




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX032033.D  
Acq: 11 Oct 2022 13:49

Instrument :  
MSVOA\_X  
ClientSampleId :  
R-10

Tgt Ion:117 Resp: 111818  
Ion Ratio Lower Upper  
117 100  
82 55.5 46.8 70.2  
119 33.5 26.4 39.6



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX032033.D  
Acq: 11 Oct 2022 13:49

Tgt Ion:152 Resp: 60784  
Ion Ratio Lower Upper  
152 100  
115 59.8 43.4 130.1  
150 155.7 0.0 346.8

