

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062222\  
 Data File : VX029715.D  
 Acq On : 23 Jun 2022 02:39  
 Operator : JC/MD  
 Sample : VX0622MBL01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0622MBL01

Quant Time: Jun 23 04:14:24 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061822W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 20 01:31:01 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.556  | 168  | 278530   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 470251   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 404870   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 170877   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 152584   | 41.385   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 82.760% |
| 35) Dibromofluoromethane    | 5.391  | 113   | 139729   | 45.595   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 91.200% |
| 50) Toluene-d8              | 8.653  | 98    | 529814   | 47.324   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 94.640% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 186504   | 44.175   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 88.360% |

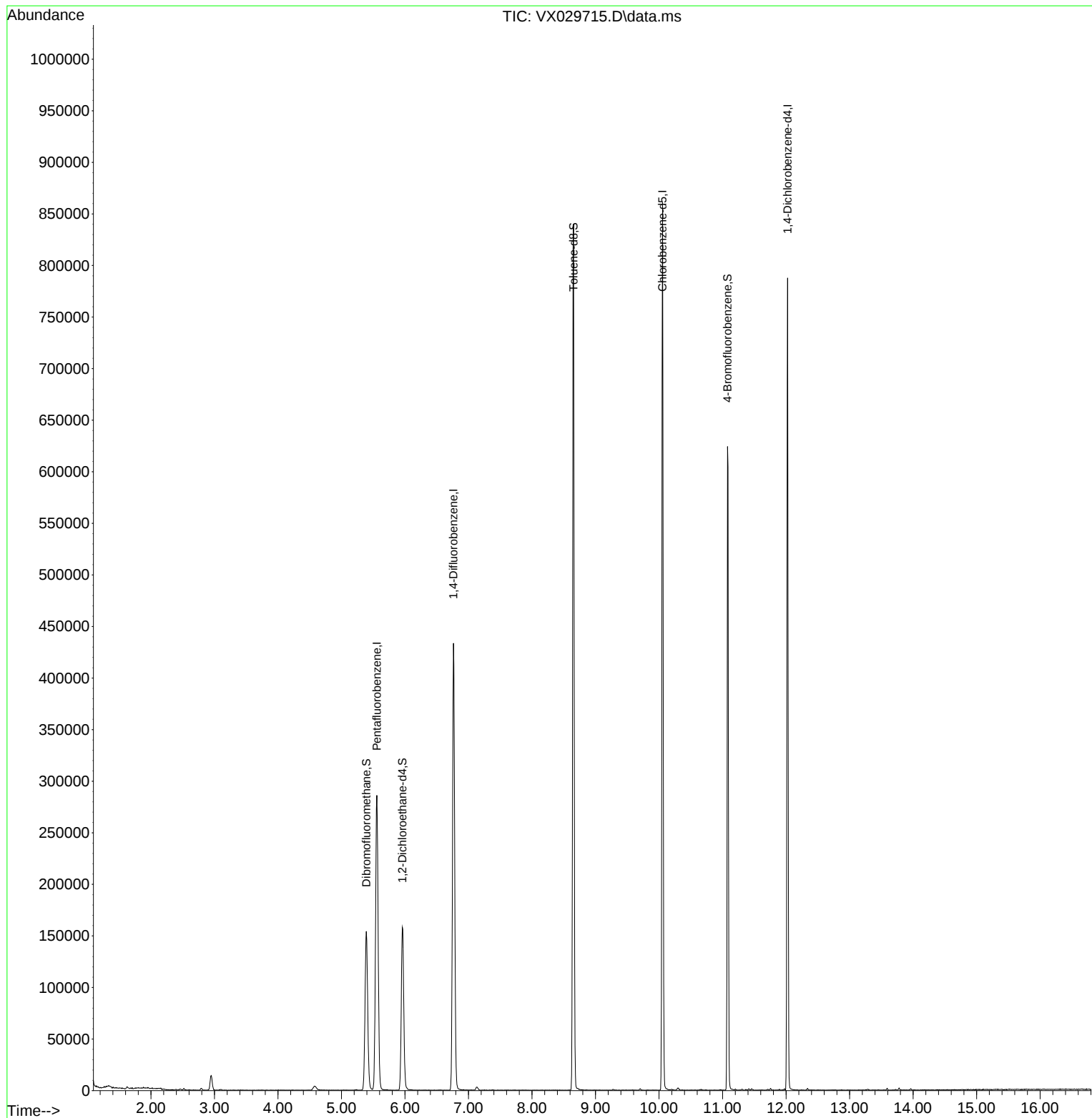
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

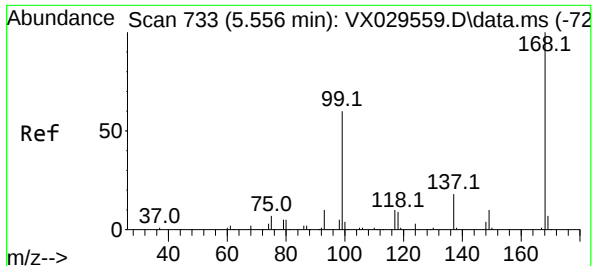
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 35 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0622MBL01

Quant Time: Jun 23 04:14:24 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061822W.M  
Quant Title : SW846 8260  
QLast Update : Mon Jun 20 01:31:01 2022  
Response via : Initial Calibration

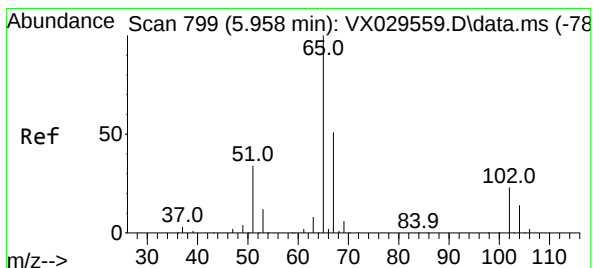
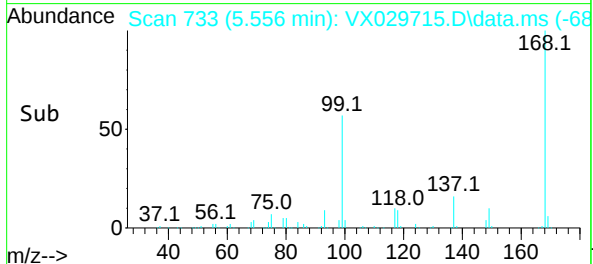
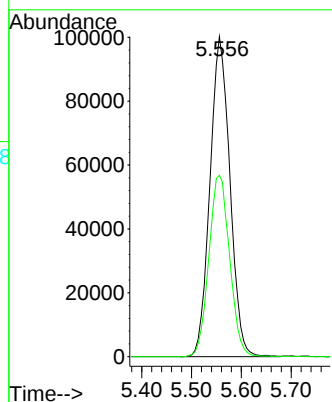
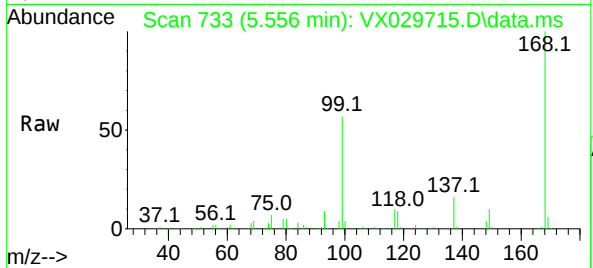




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 711  
Delta R.T. -0.000 min  
Lab File: VX029715.D  
Acq: 23 Jun 2022 02:39

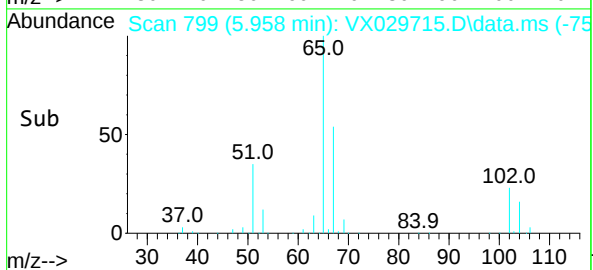
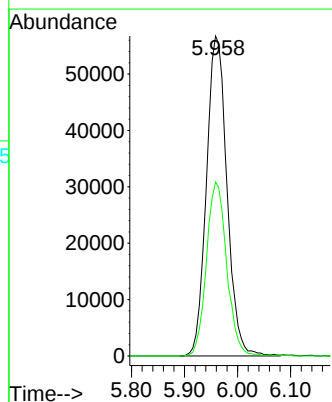
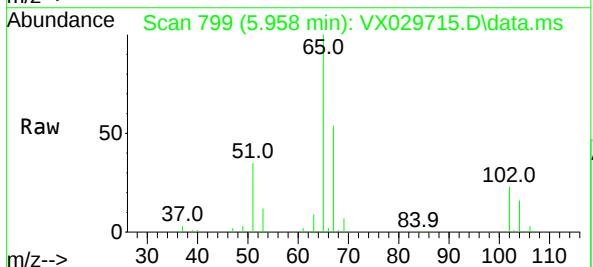
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0622MBL01

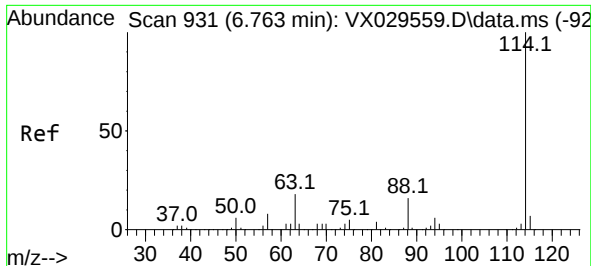
Tgt Ion:168 Resp: 278530  
Ion Ratio Lower Upper  
168 100  
99 56.7 41.7 62.5



#33  
1,2-Dichloroethane-d4  
Concen: 41.385 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX029715.D  
Acq: 23 Jun 2022 02:39

Tgt Ion: 65 Resp: 152584  
Ion Ratio Lower Upper  
65 100  
67 53.7 0.0 107.4

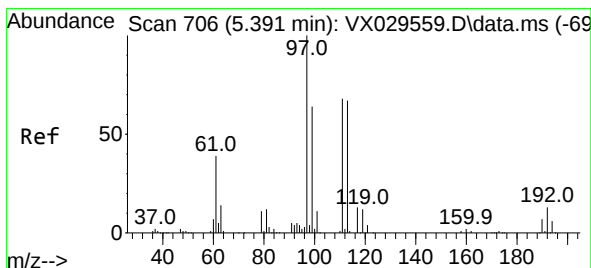
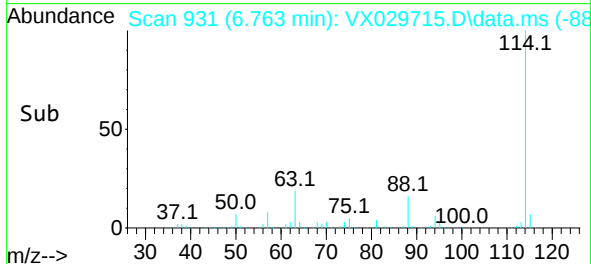
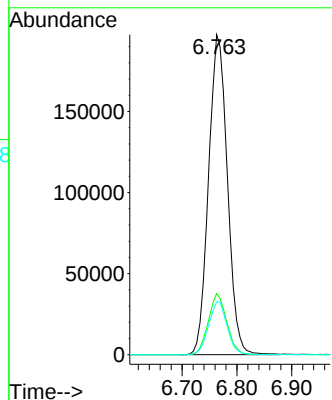
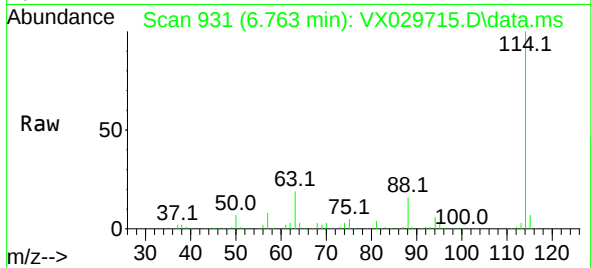




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VX029715.D  
Acq: 23 Jun 2022 02:39

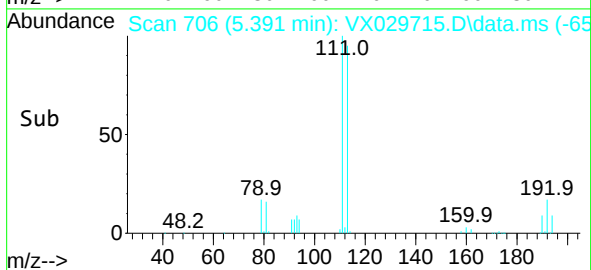
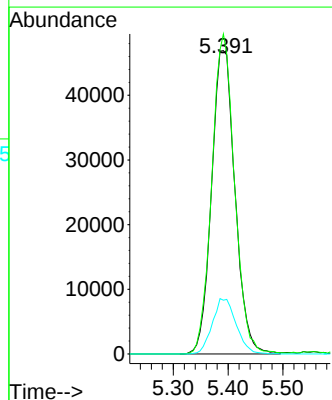
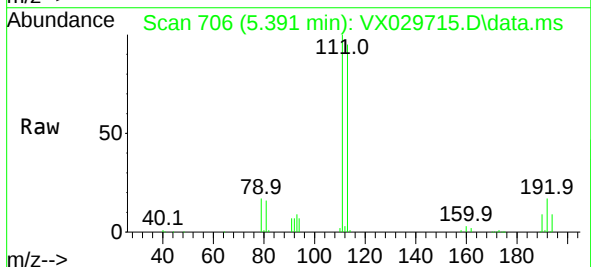
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0622MBL01

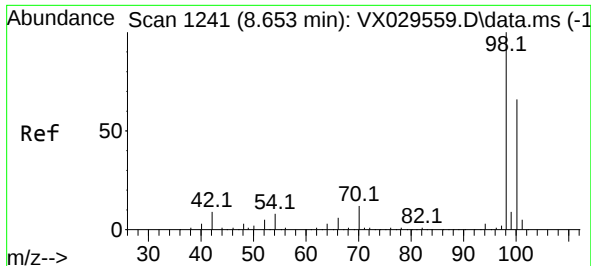
Tgt Ion:114 Resp: 470251  
Ion Ratio Lower Upper  
114 100  
63 19.1 0.0 36.8  
88 16.5 0.0 32.4



#35  
Dibromofluoromethane  
Concen: 45.595 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX029715.D  
Acq: 23 Jun 2022 02:39

Tgt Ion:113 Resp: 139729  
Ion Ratio Lower Upper  
113 100  
111 102.1 82.8 124.2  
192 18.4 16.9 25.3





#50

Toluene-d8

Concen: 47.324 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX029715.D

Acq: 23 Jun 2022 02:39

Instrument :

MSVOA\_X

ClientSampleId :

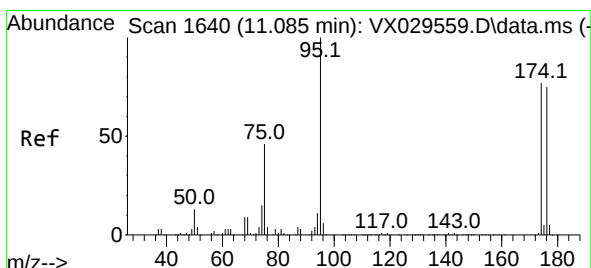
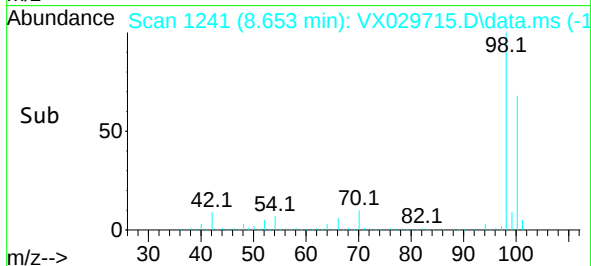
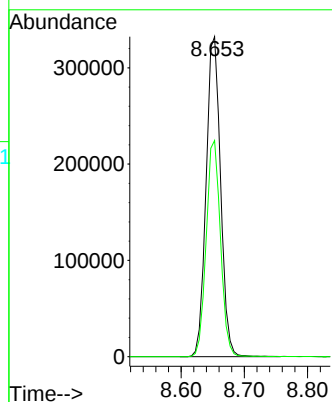
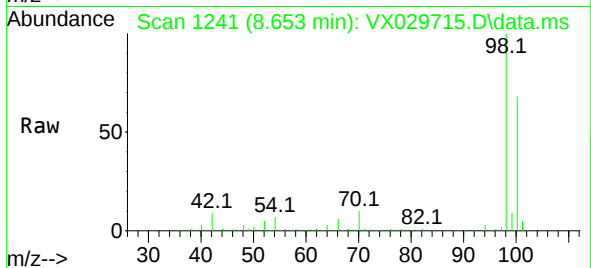
VX0622MBL01

Tgt Ion: 98 Resp: 529814

Ion Ratio Lower Upper

98 100

100 66.7 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 44.175 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX029715.D

Acq: 23 Jun 2022 02:39

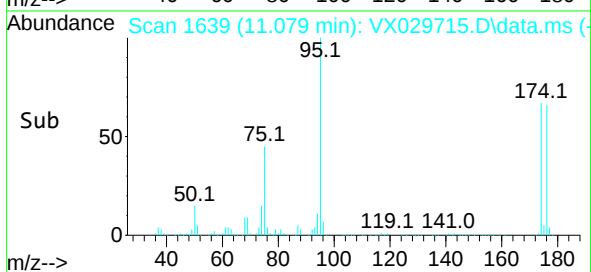
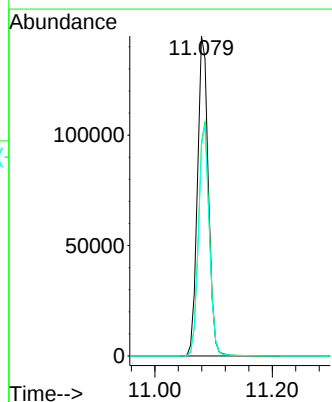
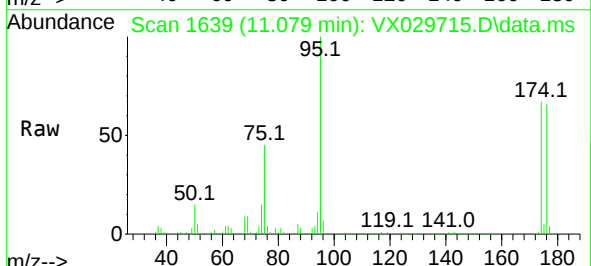
Tgt Ion: 95 Resp: 186504

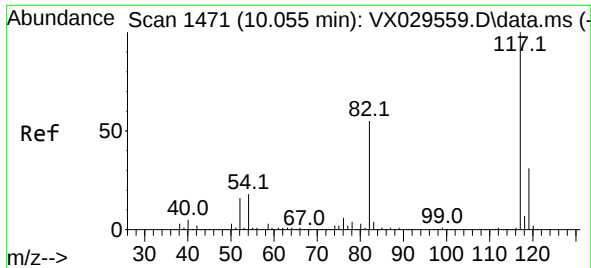
Ion Ratio Lower Upper

95 100

174 73.0 0.0 163.0

176 71.4 0.0 155.0

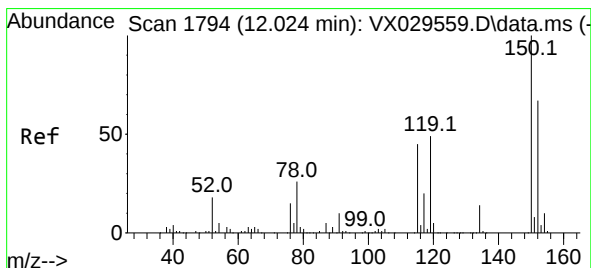
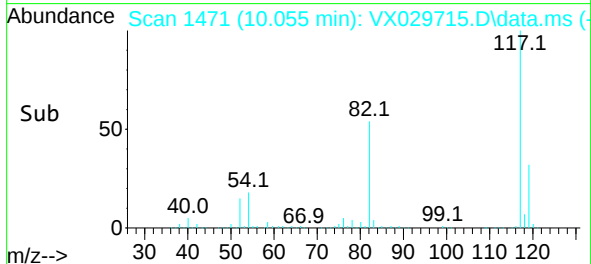
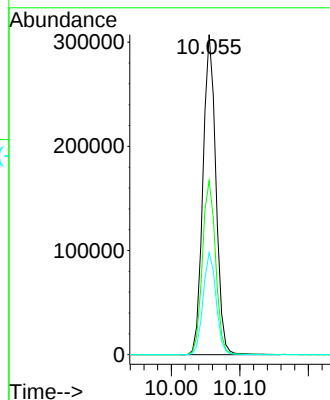
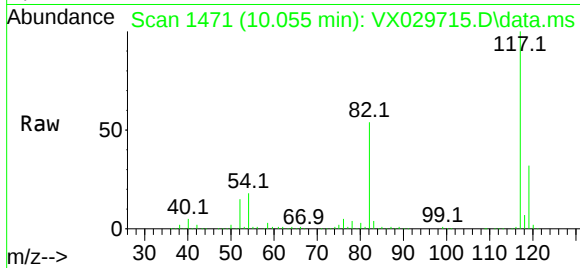




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX029715.D  
Acq: 23 Jun 2022 02:39

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0622MBL01

Tgt Ion:117 Resp: 404870  
Ion Ratio Lower Upper  
117 100  
82 54.4 41.8 62.8  
119 31.9 24.8 37.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX029715.D  
Acq: 23 Jun 2022 02:39

Tgt Ion:152 Resp: 170877  
Ion Ratio Lower Upper  
152 100  
115 61.4 37.5 112.7  
150 155.5 0.0 338.2

