

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092722\  
 Data File : VX031713.D  
 Acq On : 27 Sep 2022 19:40  
 Operator : JC/MD  
 Sample : N4839-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 5592-2

Quant Time: Sep 28 06:33:00 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X092622W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 27 01:44:18 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.556  | 168  | 52569    | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 88663    | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 94882    | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 61270    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 66300    | 59.423   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 118.840% |
| 35) Dibromofluoromethane    | 5.385  | 113   | 52043    | 49.263   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 98.520%  |
| 50) Toluene-d8              | 8.653  | 98    | 187913   | 49.063   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 98.120%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 63789    | 45.441   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 90.880%  |

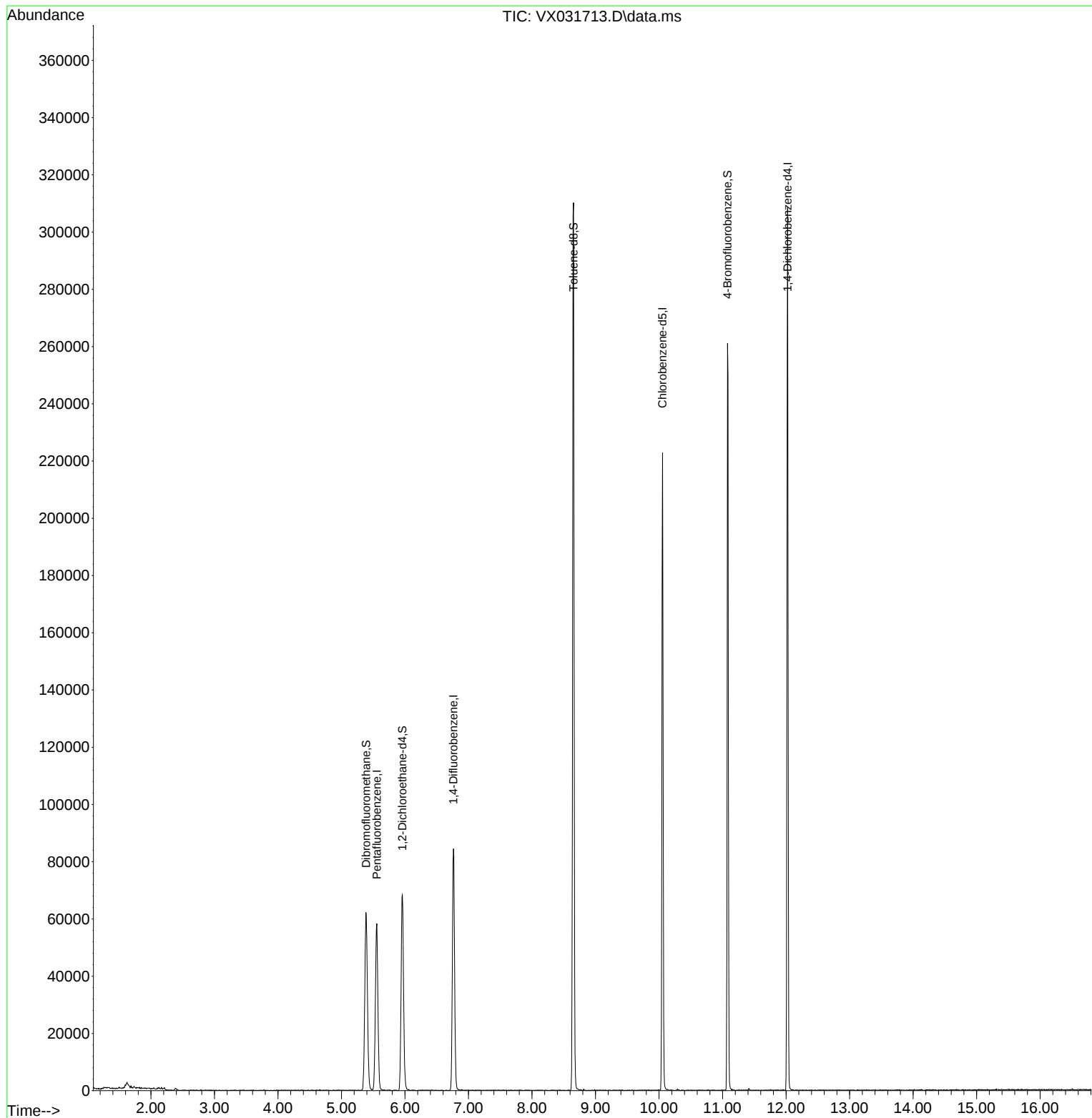
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

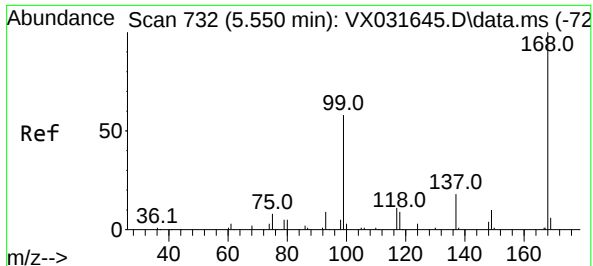
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_X  
ClientSampleId :  
5592-2

Quant Time: Sep 28 06:33:00 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X092622W.M  
Quant Title : SW846 8260  
QLast Update : Tue Sep 27 01:44:18 2022  
Response via : Initial Calibration





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 713  
Delta R.T. -0.000 min  
Lab File: VX031713.D  
Acq: 27 Sep 2022 19:40

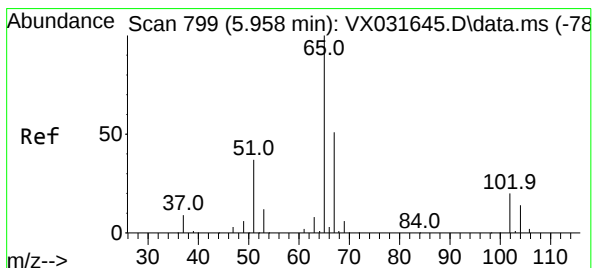
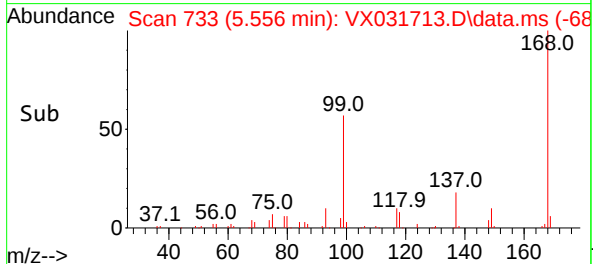
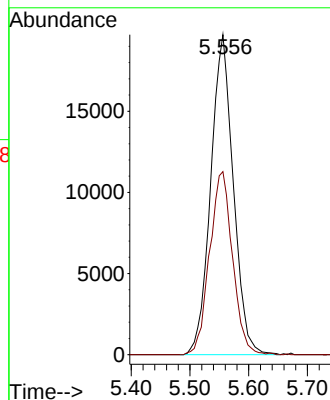
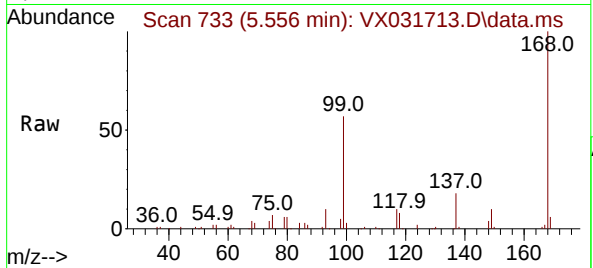
Instrument :

MSVOA\_X

ClientSampleId :

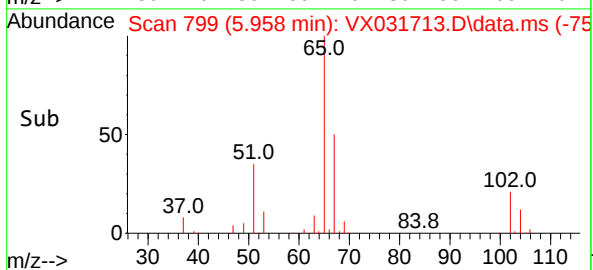
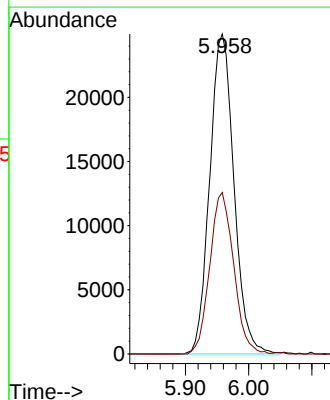
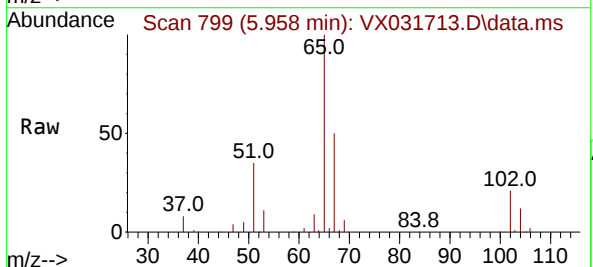
5592-2

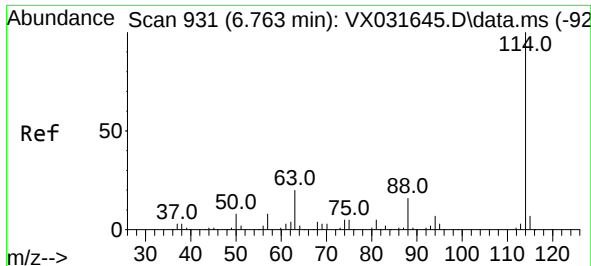
Tgt Ion:168 Resp: 52569  
Ion Ratio Lower Upper  
168 100  
99 57.2 48.8 73.2



#33  
1,2-Dichloroethane-d4  
Concen: 59.423 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX031713.D  
Acq: 27 Sep 2022 19:40

Tgt Ion: 65 Resp: 66300  
Ion Ratio Lower Upper  
65 100  
67 49.8 0.0 102.4

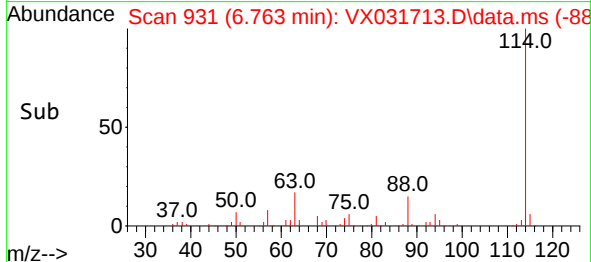
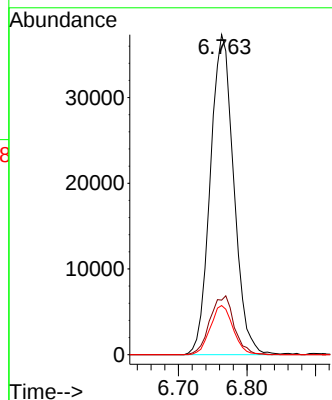
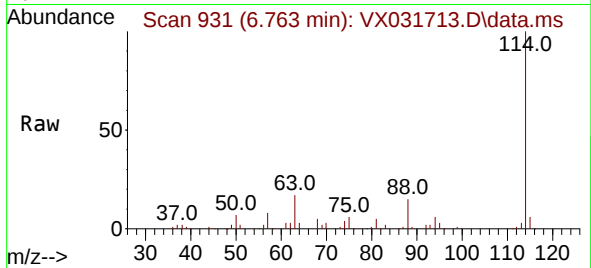




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VX031713.D  
Acq: 27 Sep 2022 19:40

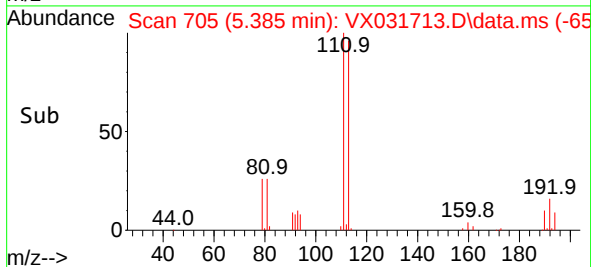
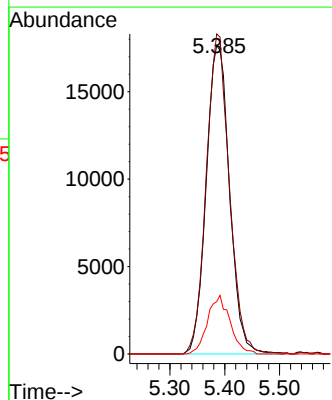
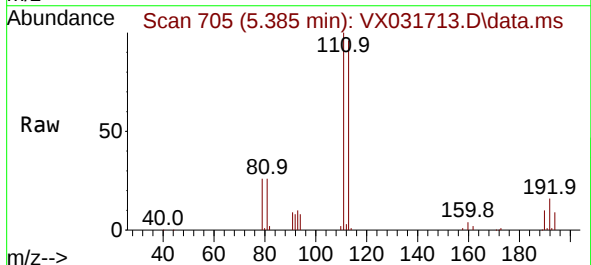
Instrument :  
MSVOA\_X  
ClientSampleId :  
5592-2

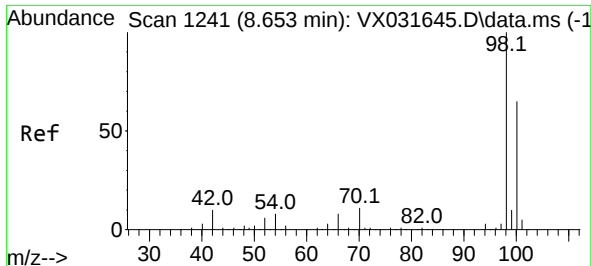
Tgt Ion:114 Resp: 88663  
Ion Ratio Lower Upper  
114 100  
63 17.0 0.0 42.6  
88 15.3 0.0 33.0



#35  
Dibromofluoromethane  
Concen: 49.263 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.006 min  
Lab File: VX031713.D  
Acq: 27 Sep 2022 19:40

Tgt Ion:113 Resp: 52043  
Ion Ratio Lower Upper  
113 100  
111 102.7 82.4 123.6  
192 18.3 14.1 21.1





#50

Toluene-d8

Concen: 49.063 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX031713.D

Acq: 27 Sep 2022 19:40

Instrument :

MSVOA\_X

ClientSampleId :

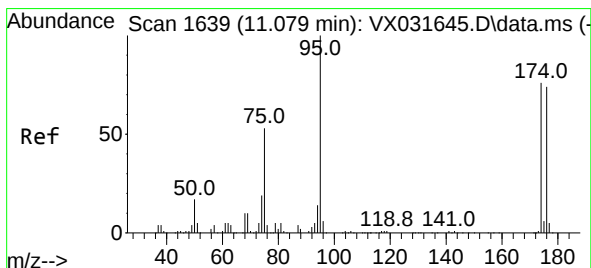
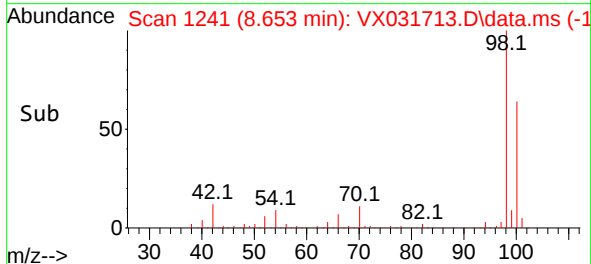
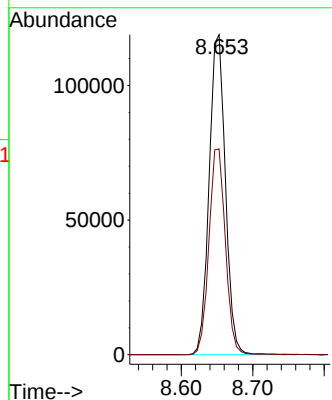
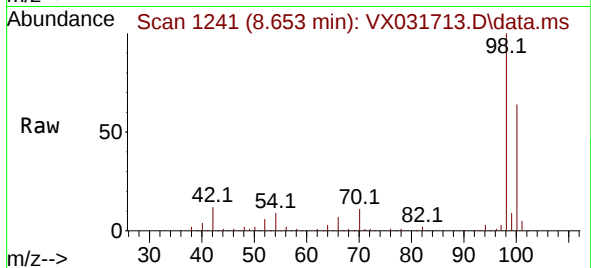
5592-2

Tgt Ion: 98 Resp: 187913

Ion Ratio Lower Upper

98 100

100 65.1 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 45.441 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031713.D

Acq: 27 Sep 2022 19:40

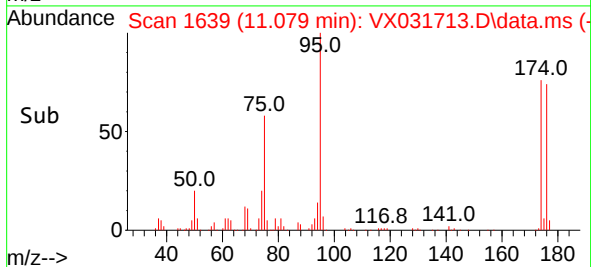
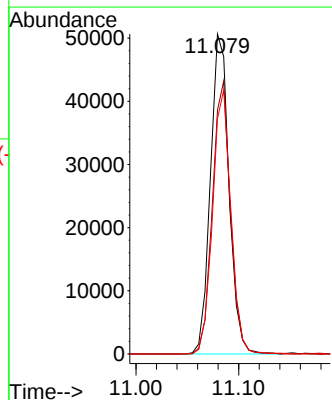
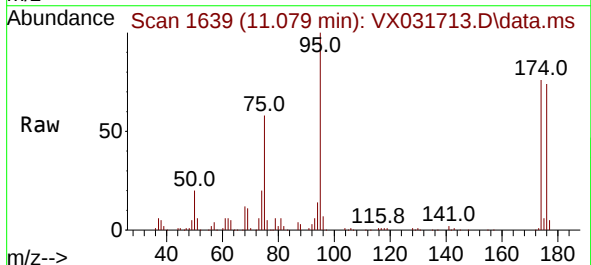
Tgt Ion: 95 Resp: 63789

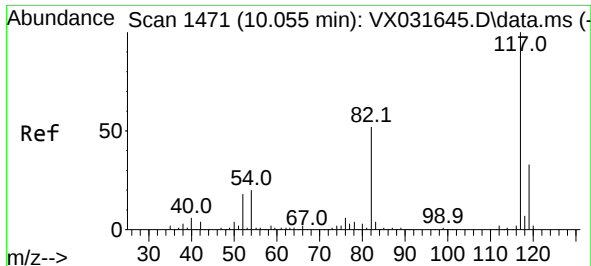
Ion Ratio Lower Upper

95 100

174 83.0 0.0 153.2

176 81.1 0.0 144.0

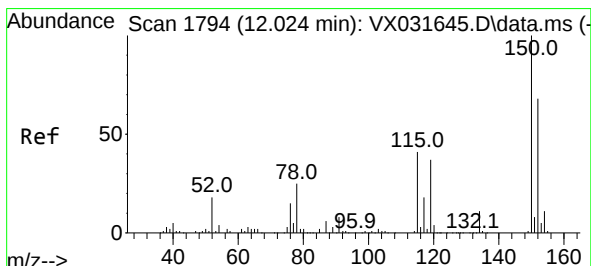
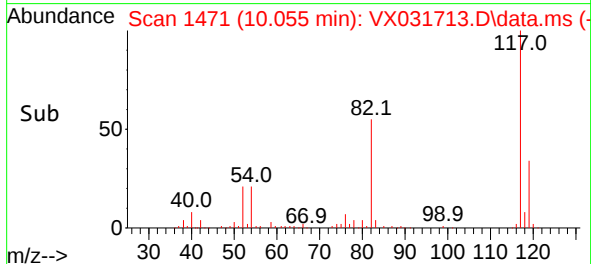
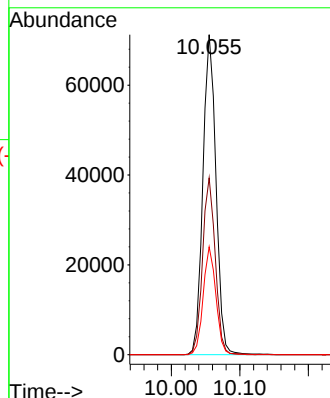
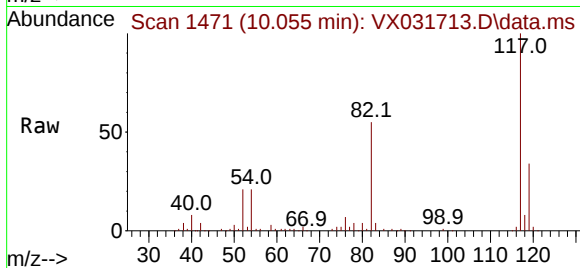




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX031713.D  
Acq: 27 Sep 2022 19:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
5592-2

Tgt Ion:117 Resp: 94882  
Ion Ratio Lower Upper  
117 100  
82 55.2 46.8 70.2  
119 33.7 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: VX031713.D  
Acq: 27 Sep 2022 19:40

Tgt Ion:152 Resp: 61270  
Ion Ratio Lower Upper  
152 100  
115 57.9 43.4 130.1  
150 154.9 0.0 346.8

