

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX110822\  
 Data File : VX032663.D  
 Acq On : 08 Nov 2022 18:46  
 Operator : JC/MD  
 Sample : N5310-15  
 Misc : 5.03g/10ml/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BIN 1-2-(2840)-VOC-11

Quant Time: Nov 09 04:41:41 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102622W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 27 08:28:06 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.550  | 168  | 109341   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.757  | 114  | 179928   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 157031   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 74724    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 75021    | 49.380   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 98.760% |
| 35) Dibromofluoromethane    | 5.385  | 113   | 53840    | 41.950   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 83.900% |
| 50) Toluene-d8              | 8.647  | 98    | 214207   | 47.998   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 96.000% |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 73510    | 42.168   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 84.340% |

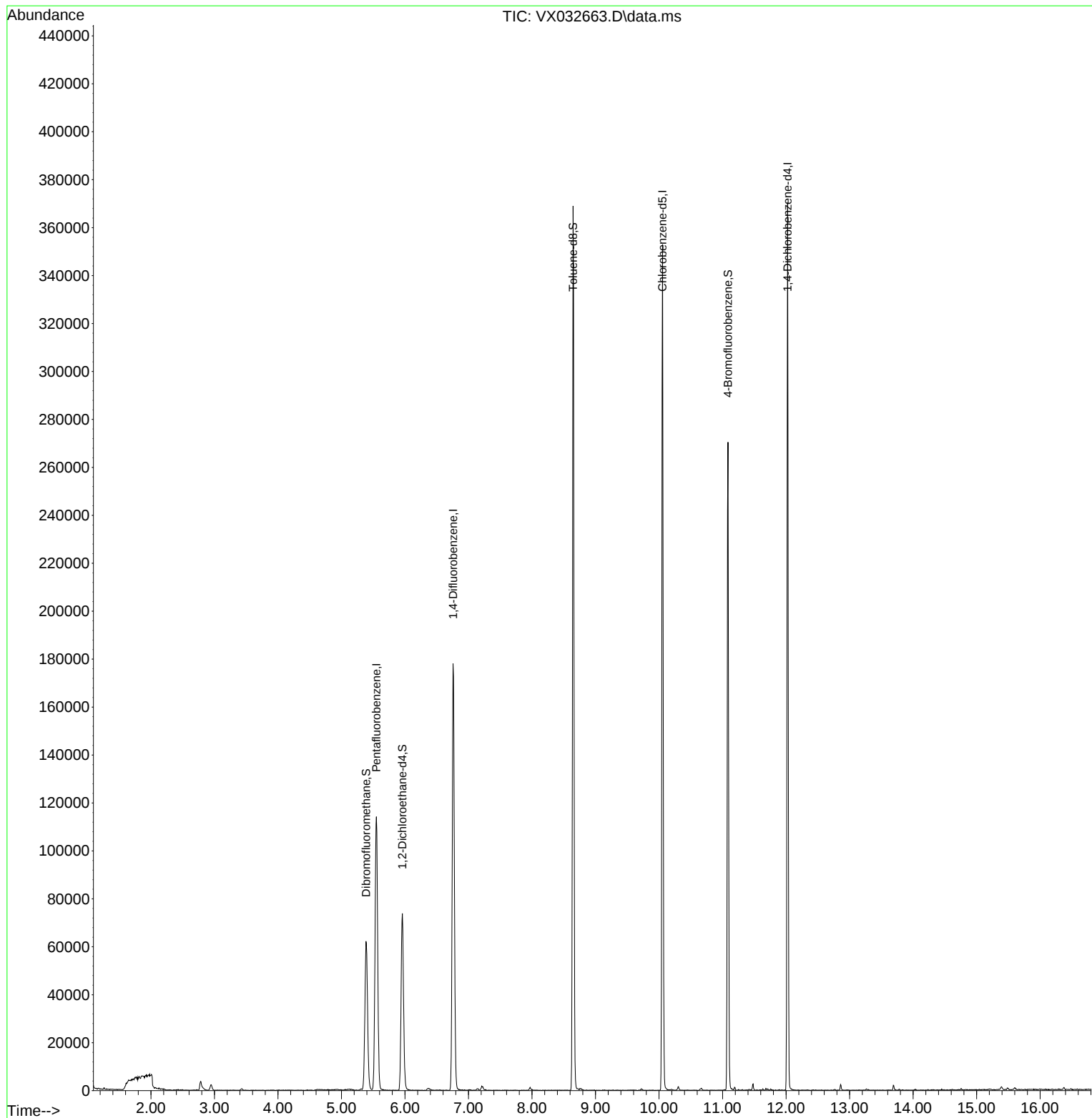
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

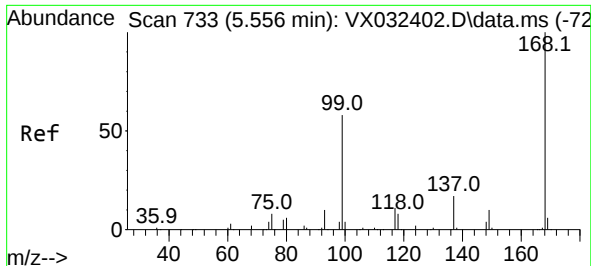
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BIN 1-2-(2840)-VOC-11

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Quant Title : SW846 8260  
QLast Update : Thu Oct 27 08:28:06 2022  
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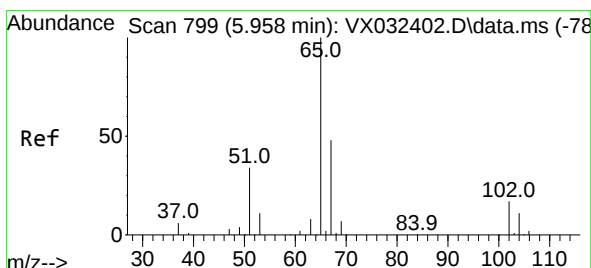
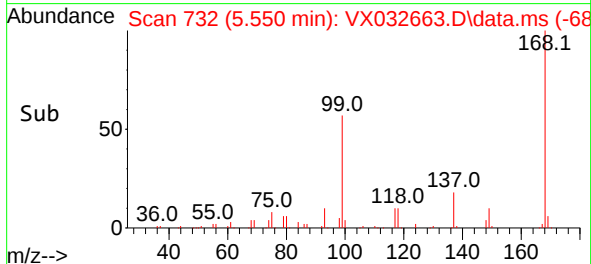
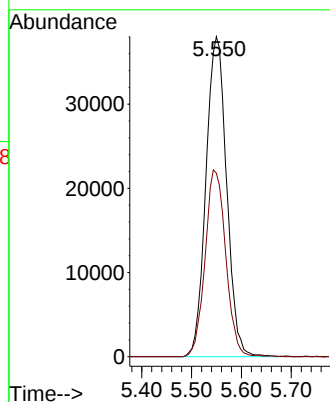
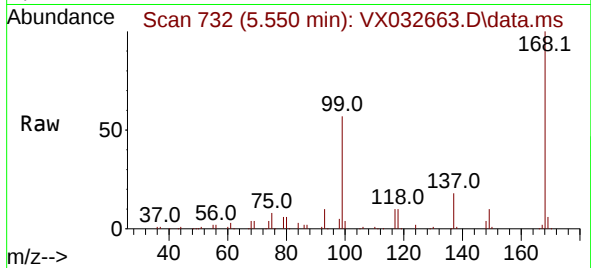




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 711  
Delta R.T. -0.006 min  
Lab File: VX032663.D  
Acq: 08 Nov 2022 18:46

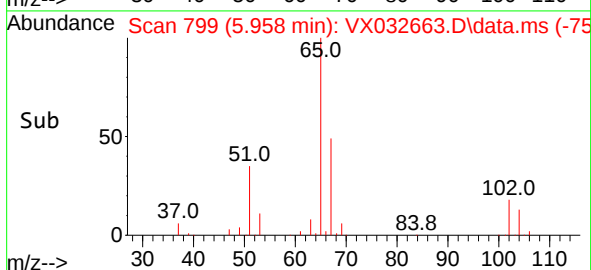
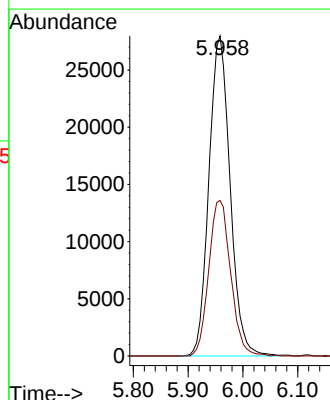
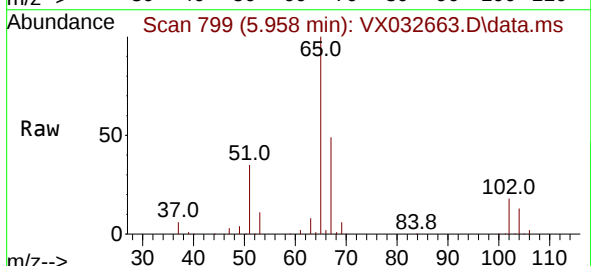
Instrument :  
MSVOA\_X  
ClientSampleId :  
BIN 1-2-(2840)-VOC-11

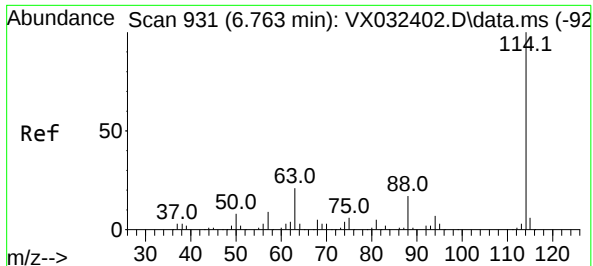
Tgt Ion:168 Resp: 109341  
Ion Ratio Lower Upper  
168 100  
99 57.4 46.1 69.1



#33  
1,2-Dichloroethane-d4  
Concen: 49.380 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. -0.000 min  
Lab File: VX032663.D  
Acq: 08 Nov 2022 18:46

Tgt Ion: 65 Resp: 75021  
Ion Ratio Lower Upper  
65 100  
67 50.1 0.0 101.8

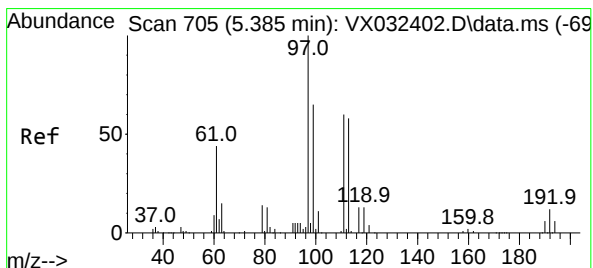
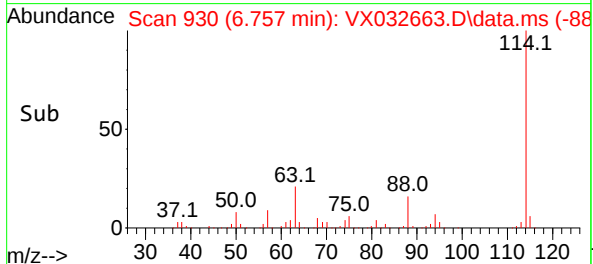
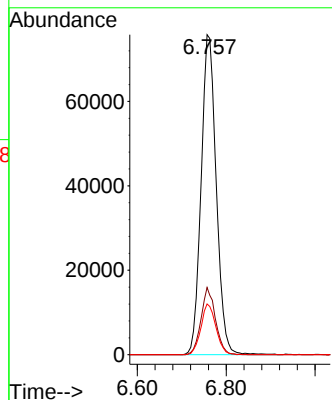
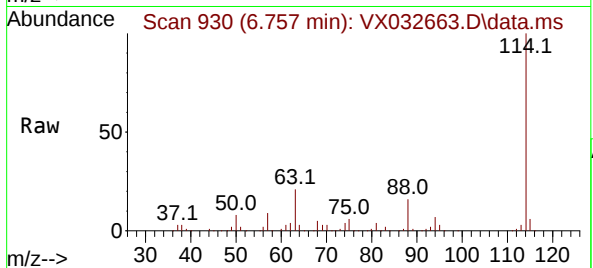




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 911  
Delta R.T. -0.006 min  
Lab File: VX032663.D  
Acq: 08 Nov 2022 18:46

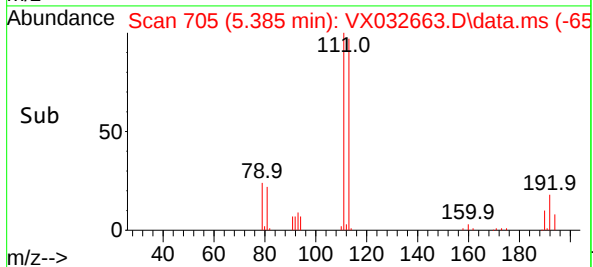
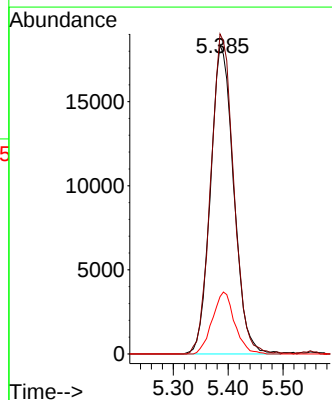
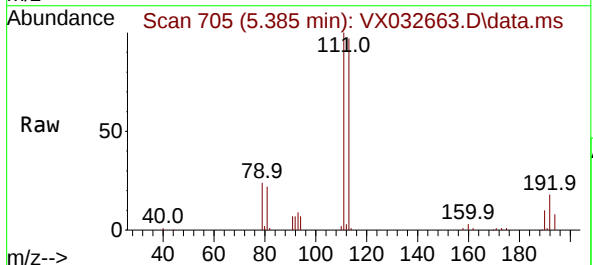
Instrument :  
MSVOA\_X  
ClientSampleId :  
BIN 1-2-(2840)-VOC-11

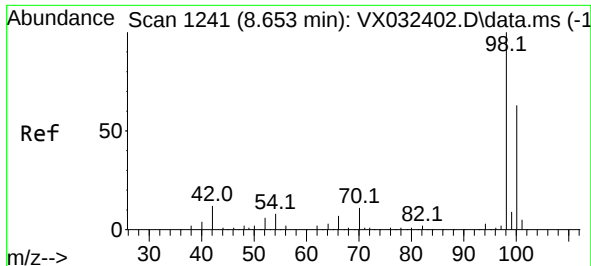
Tgt Ion:114 Resp: 179928  
Ion Ratio Lower Upper  
114 100  
63 21.0 0.0 41.6  
88 15.9 0.0 33.4



#35  
Dibromofluoromethane  
Concen: 41.950 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX032663.D  
Acq: 08 Nov 2022 18:46

Tgt Ion:113 Resp: 53840  
Ion Ratio Lower Upper  
113 100  
111 102.4 82.4 123.6  
192 19.3 15.4 23.2

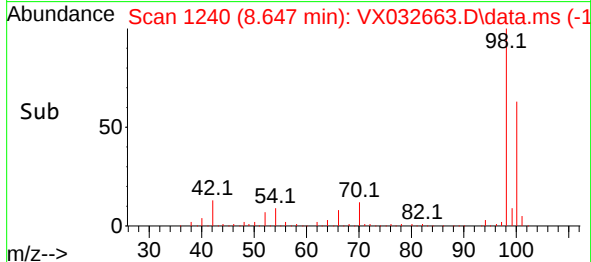
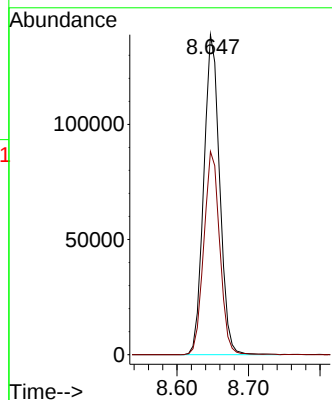
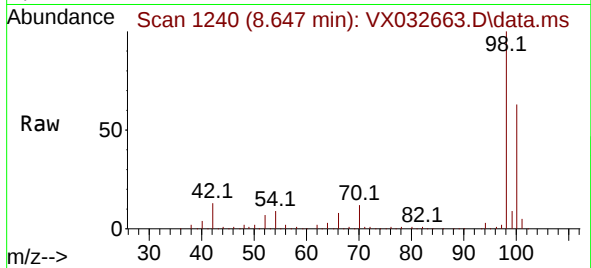




#50  
Toluene-d8  
Concen: 47.998 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX032663.D  
Acq: 08 Nov 2022 18:46

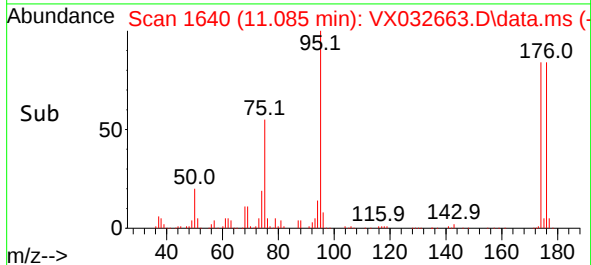
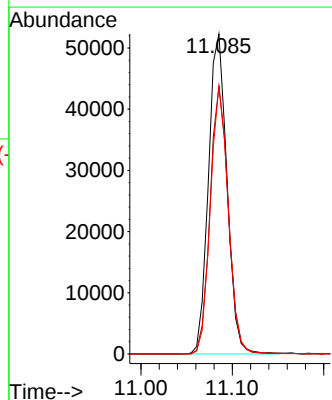
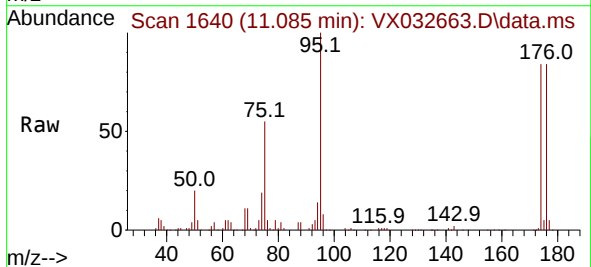
Instrument :  
MSVOA\_X  
ClientSampleId :  
BIN 1-2-(2840)-VOC-11

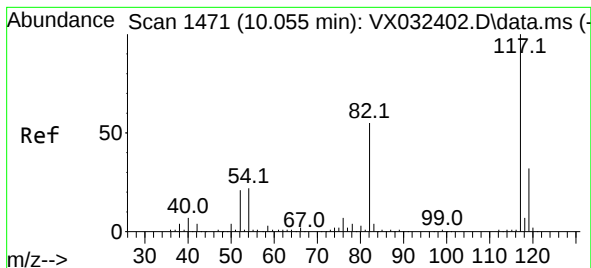
Tgt Ion: 98 Resp: 214207  
Ion Ratio Lower Upper  
98 100  
100 63.7 50.9 76.3



#62  
4-Bromofluorobenzene  
Concen: 42.168 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.006 min  
Lab File: VX032663.D  
Acq: 08 Nov 2022 18:46

Tgt Ion: 95 Resp: 73510  
Ion Ratio Lower Upper  
95 100  
174 82.1 0.0 164.0  
176 80.7 0.0 154.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX032663.D

Acq: 08 Nov 2022 18:46

Instrument :

MSVOA\_X

ClientSampleId :

BIN 1-2-(2840)-VOC-11

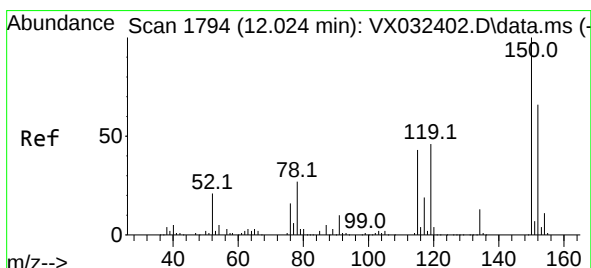
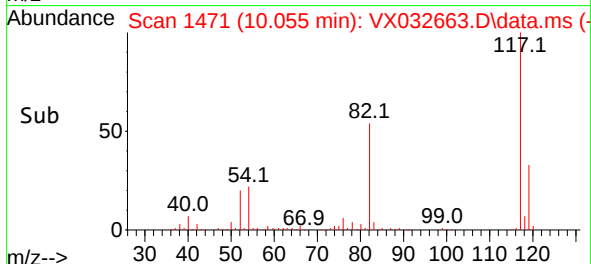
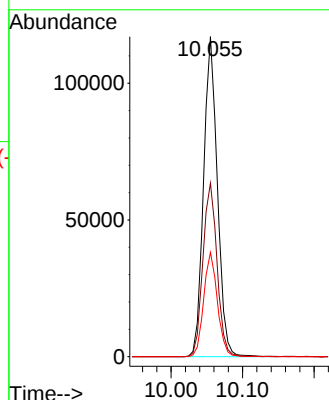
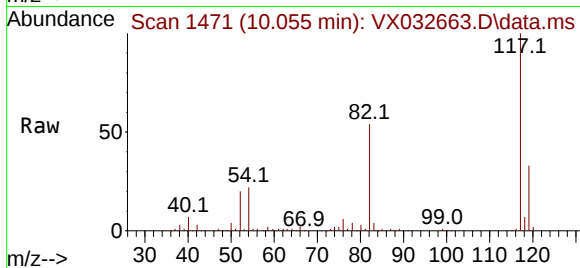
Tgt Ion:117 Resp: 157031

Ion Ratio Lower Upper

117 100

82 54.2 44.3 66.5

119 32.6 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX032663.D

Acq: 08 Nov 2022 18:46

Tgt Ion:152 Resp: 74724

Ion Ratio Lower Upper

152 100

115 61.2 44.0 132.0

150 157.4 0.0 351.8

