

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121621\  
 Data File : VX025832.D  
 Acq On : 15 Dec 2021 22:08  
 Operator : JC/MD  
 Sample : M5067-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BASE

Quant Time: Dec 16 07:32:38 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X121321W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 14 07:02:11 2021  
 Response via : Initial Calibration

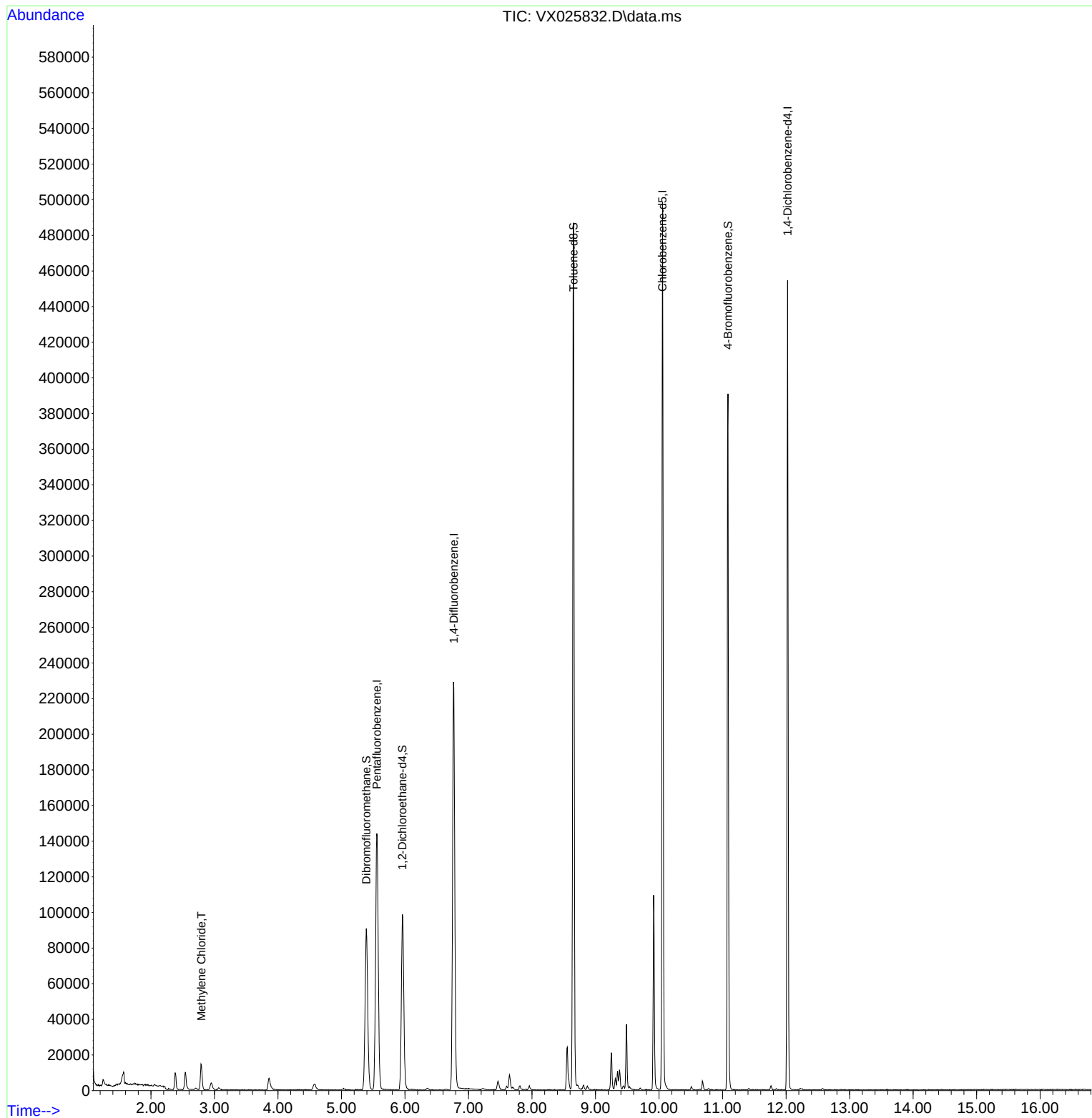
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)     |
|-----------------------------|--------|-------|----------|----------|-------|--------------|
| -----                       |        |       |          |          |       |              |
| Internal Standards          |        |       |          |          |       |              |
| 1) Pentafluorobenzene       | 5.556  | 168   | 134335   | 50.000   | ug/l  | 0.00         |
| 34) 1,4-Difluorobenzene     | 6.769  | 114   | 236130   | 50.000   | ug/l  | 0.00         |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 218859   | 50.000   | ug/l  | 0.00         |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 88930    | 50.000   | ug/l  | 0.00         |
| System Monitoring Compounds |        |       |          |          |       |              |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 94160    | 48.716   | ug/l  | 0.00         |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 97.440%      |
| 35) Dibromofluoromethane    | 5.391  | 113   | 76775    | 46.621   | ug/l  | 0.00         |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 93.240%      |
| 50) Toluene-d8              | 8.653  | 98    | 283775   | 47.295   | ug/l  | 0.00         |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 94.580%      |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 103900   | 45.586   | ug/l  | 0.00         |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 91.180%      |
| Target Compounds            |        |       |          |          |       |              |
| 20) Methylene Chloride      | 2.794  | 84    | 6621     | 1.666    | ug/l  | Qvalue<br>89 |
| -----                       |        |       |          |          |       |              |

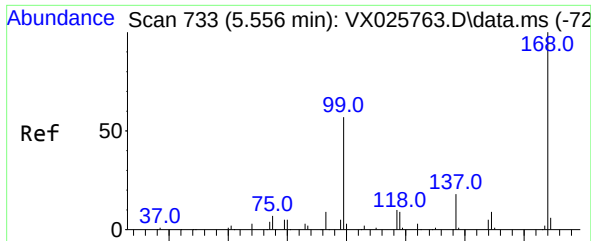
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121621\  
Data File : VX025832.D  
Acq On : 15 Dec 2021 22:08  
Operator : JC/MD  
Sample : M5067-02  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BASE

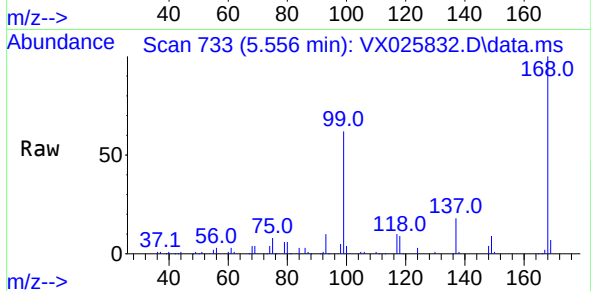
Quant Time: Dec 16 07:32:38 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X121321W.M  
Quant Title : SW846 8260  
QLast Update : Tue Dec 14 07:02:11 2021  
Response via : Initial Calibration



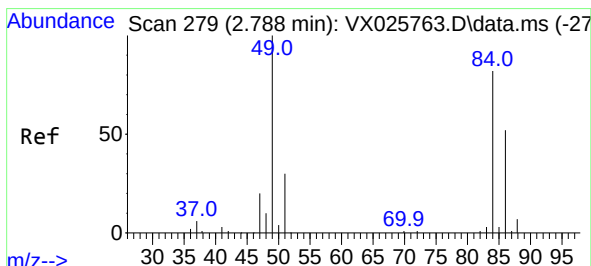
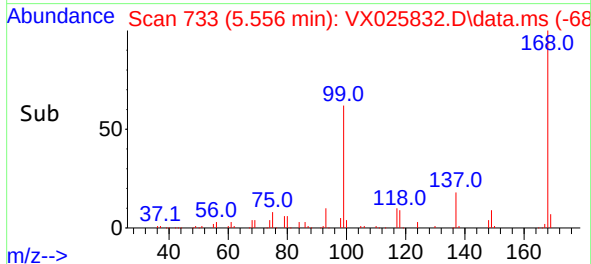
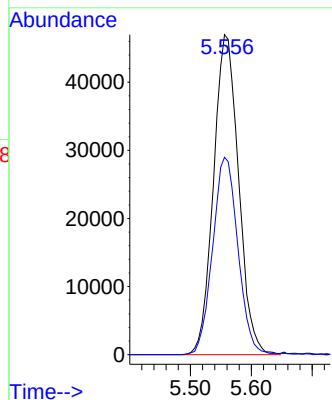


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX025832.D  
Acq: 15 Dec 2021 22:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
BASE

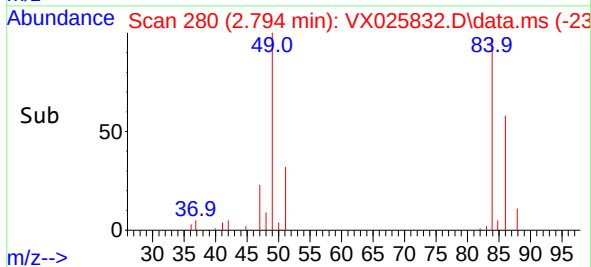
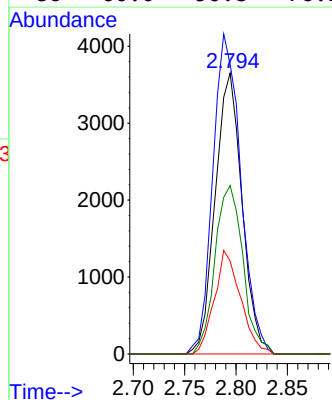
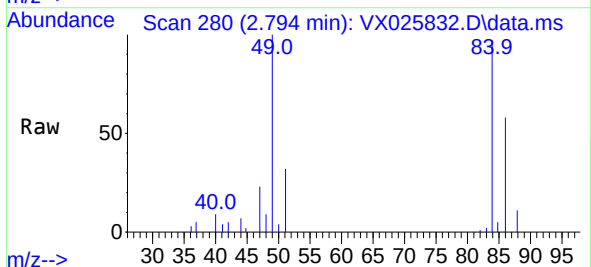


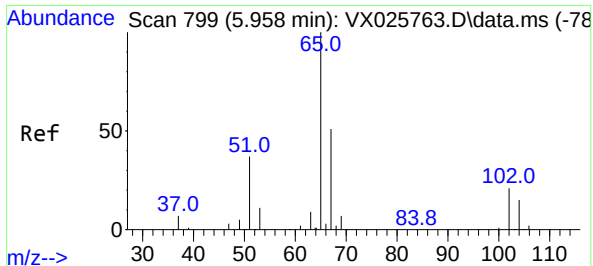
Tgt Ion:168 Resp: 134335  
Ion Ratio Lower Upper  
168 100  
99 61.7 45.8 68.8



#20  
Methylene Chloride  
Concen: 1.666 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.006 min  
Lab File: VX025832.D  
Acq: 15 Dec 2021 22:08

Tgt Ion: 84 Resp: 6621  
Ion Ratio Lower Upper  
84 100  
49 103.1 97.1 145.7  
51 33.1 29.3 43.9  
86 60.0 50.8 76.2





#33

1,2-Dichloroethane-d4

Concen: 48.716 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX025832.D

Acq: 15 Dec 2021 22:08

Instrument :

MSVOA\_X

ClientSampleId :

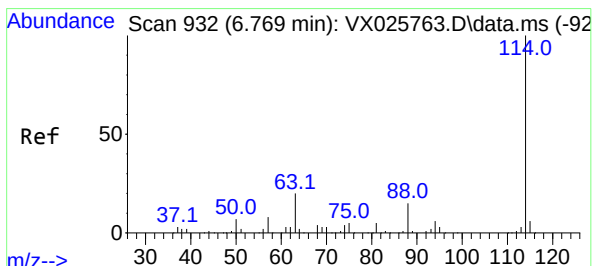
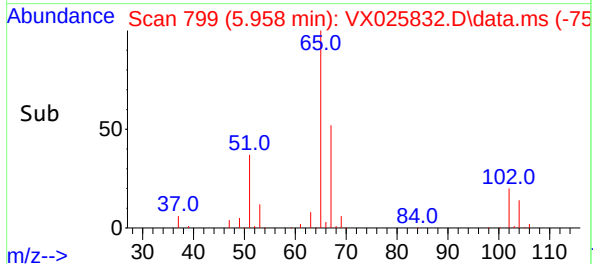
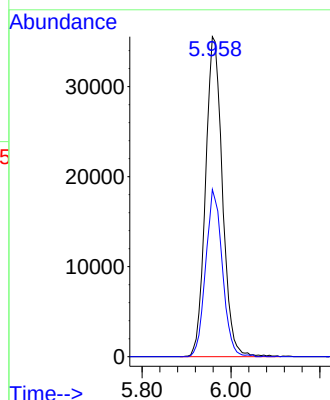
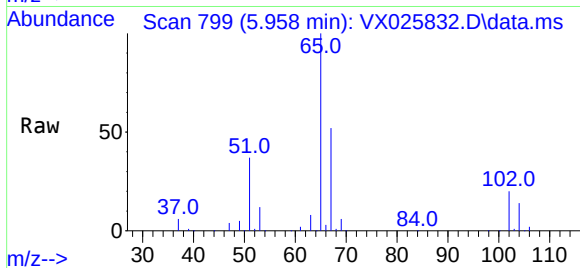
BASE

Tgt Ion: 65 Resp: 94160

Ion Ratio Lower Upper

65 100

67 51.5 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX025832.D

Acq: 15 Dec 2021 22:08

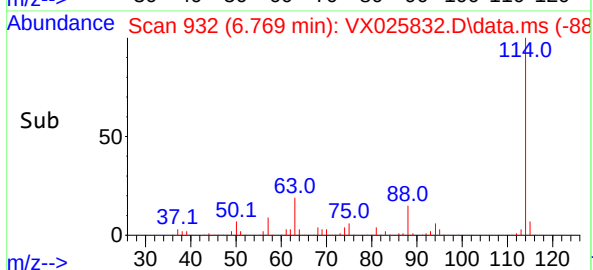
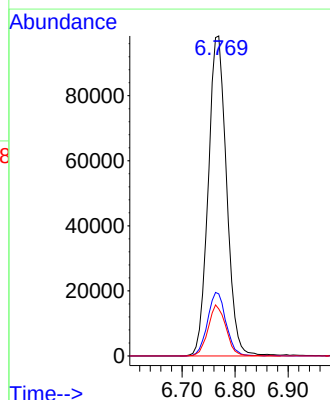
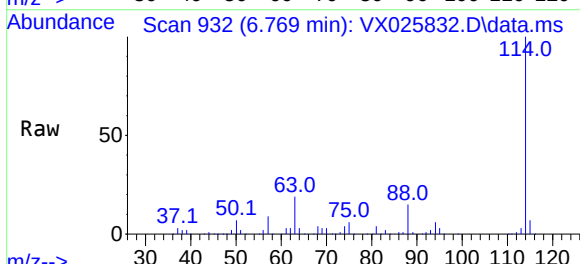
Tgt Ion: 114 Resp: 236130

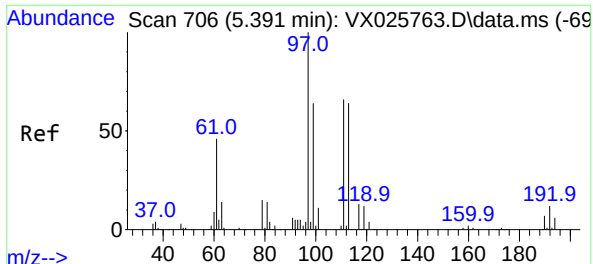
Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.0

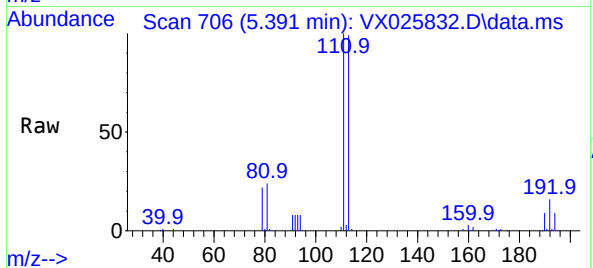
88 14.7 0.0 30.6



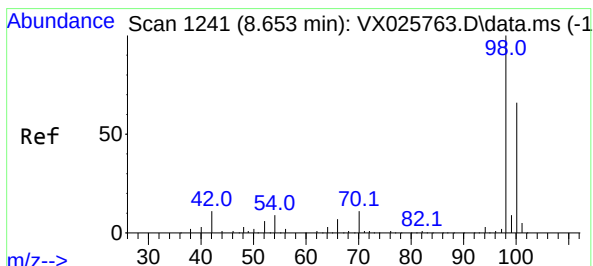
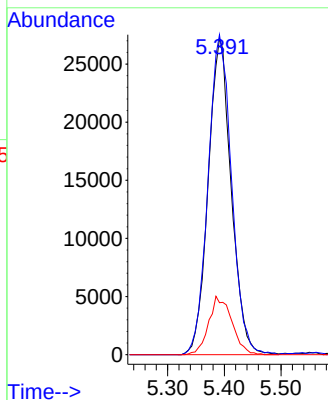
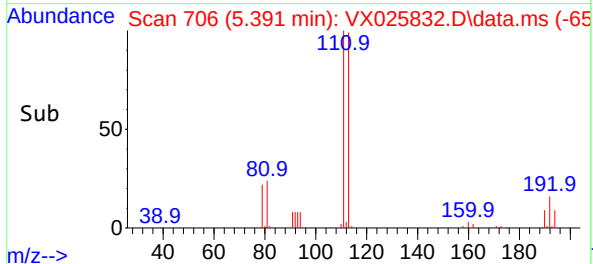


#35  
Dibromofluoromethane  
Concen: 46.621 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. -0.000 min  
Lab File: VX025832.D  
Acq: 15 Dec 2021 22:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
BASE

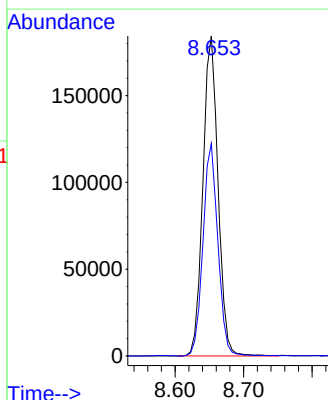
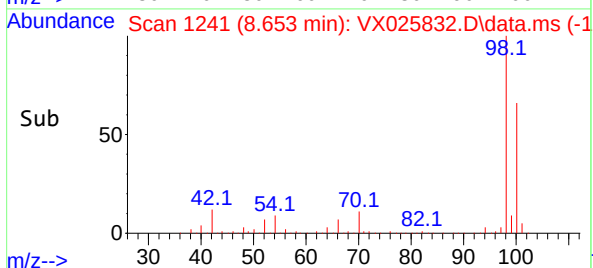
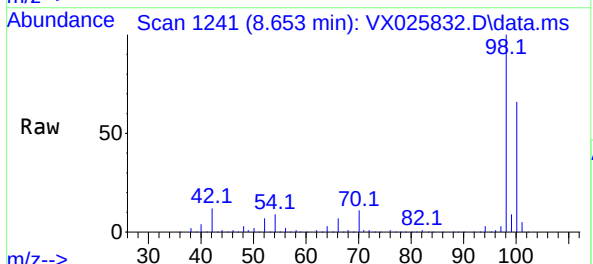


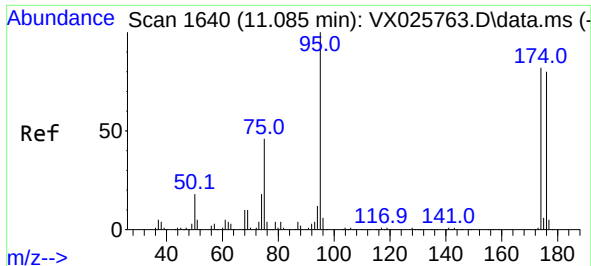
Tgt Ion:113 Resp: 76775  
Ion Ratio Lower Upper  
113 100  
111 103.4 81.8 122.8  
192 18.5 15.0 22.4



#50  
Toluene-d8  
Concen: 47.295 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX025832.D  
Acq: 15 Dec 2021 22:08

Tgt Ion: 98 Resp: 283775  
Ion Ratio Lower Upper  
98 100  
100 65.4 52.6 78.8

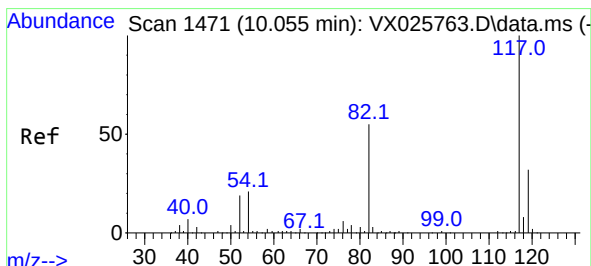
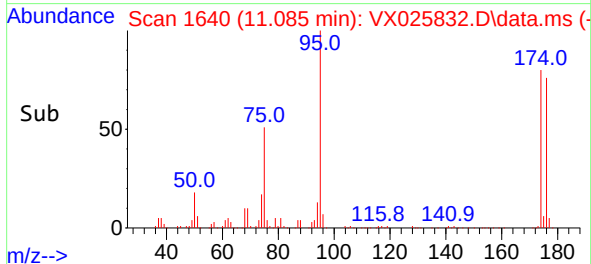
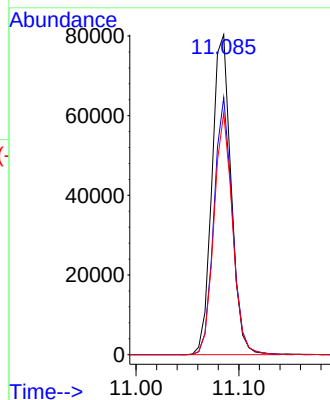
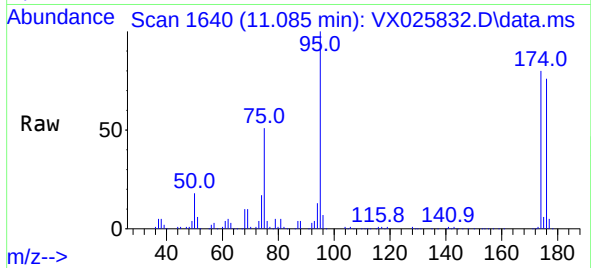




#62  
4-Bromofluorobenzene  
Concen: 45.586 ug/l  
RT: 11.085 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX025832.D  
Acq: 15 Dec 2021 22:08

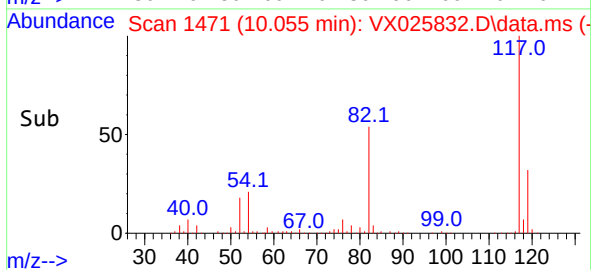
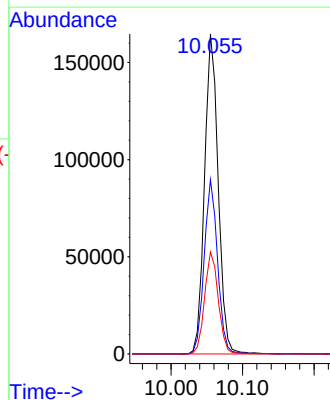
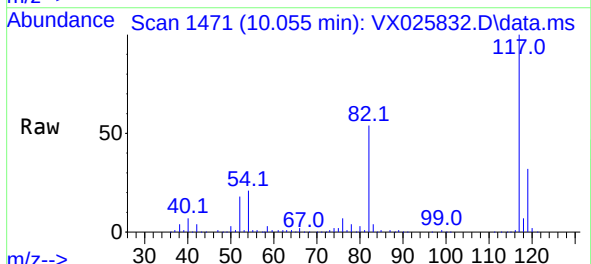
Instrument :  
MSVOA\_X  
ClientSampleId :  
BASE

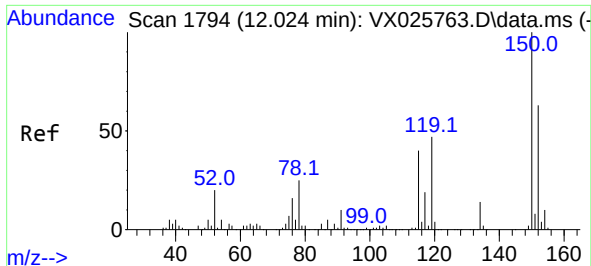
Tgt Ion: 95 Resp: 103900  
Ion Ratio Lower Upper  
95 100  
174 77.2 0.0 157.4  
176 73.5 0.0 154.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX025832.D  
Acq: 15 Dec 2021 22:08

Tgt Ion: 117 Resp: 218859  
Ion Ratio Lower Upper  
117 100  
82 54.5 43.8 65.6  
119 31.9 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX025832.D

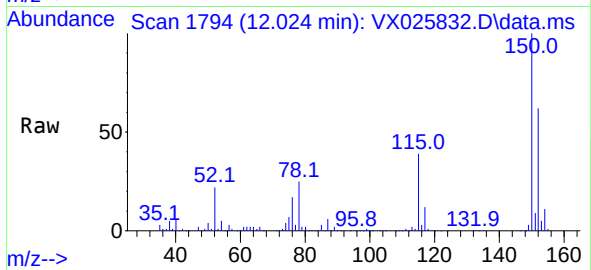
Acq: 15 Dec 2021 22:08

Instrument :

MSVOA\_X

ClientSampleId :

BASE



Tgt Ion:152 Resp: 88930

Ion Ratio Lower Upper

152 100

115 61.6 41.3 123.9

150 158.7 0.0 351.8

