

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011922\  
 Data File : VX026514.D  
 Acq On : 19 Jan 2022 13:14  
 Operator : JC/MD  
 Sample : N1187-03 50X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 20988

Quant Time: Jan 20 05:04:54 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011122W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 11 14:45:13 2022  
 Response via : Initial Calibration

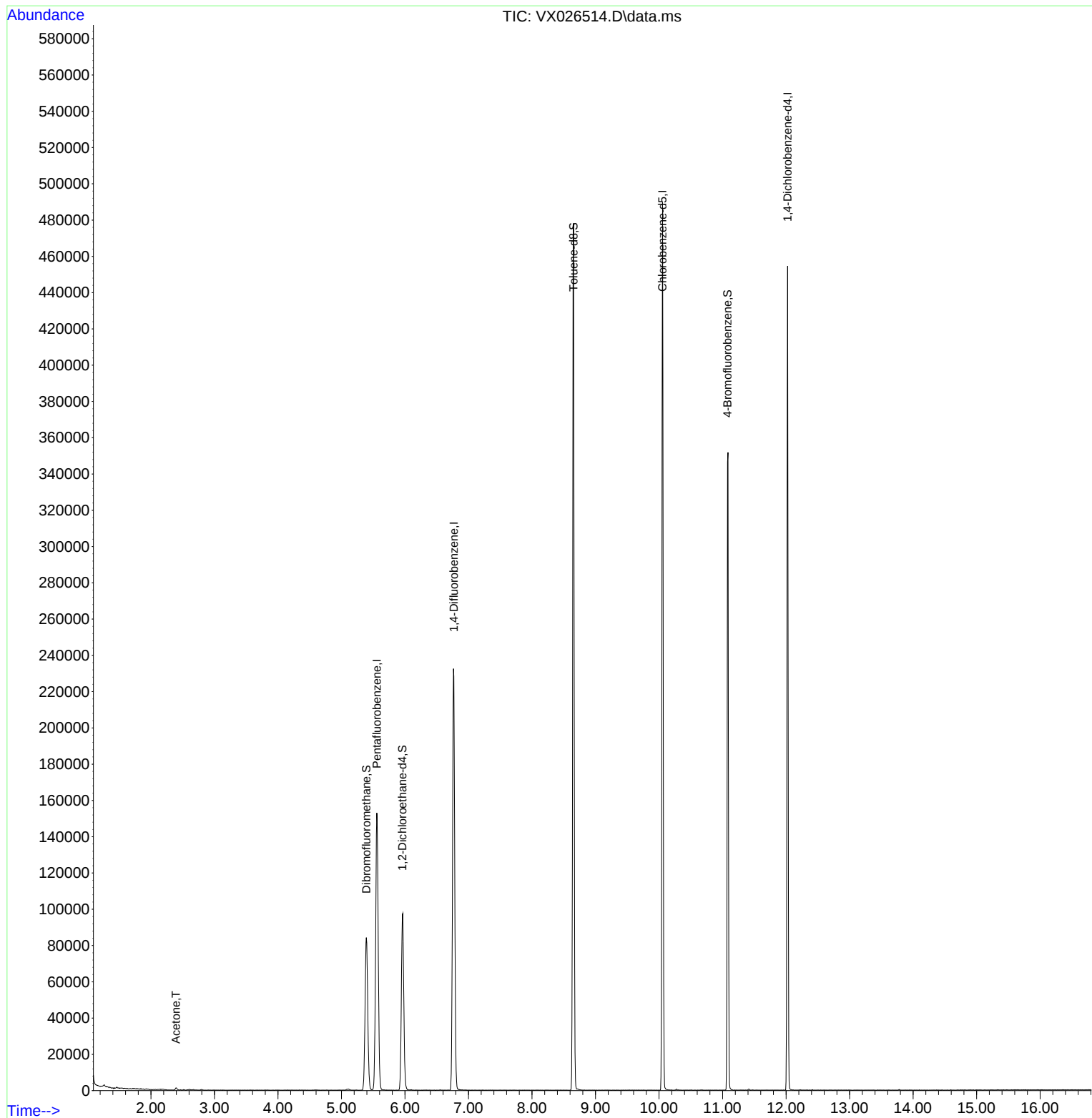
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)     |
|-----------------------------|--------|-------|----------|----------|-------|--------------|
| -----                       |        |       |          |          |       |              |
| Internal Standards          |        |       |          |          |       |              |
| 1) Pentafluorobenzene       | 5.556  | 168   | 141129   | 50.000   | ug/l  | 0.00         |
| 34) 1,4-Difluorobenzene     | 6.769  | 114   | 237509   | 50.000   | ug/l  | 0.00         |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 210554   | 50.000   | ug/l  | 0.00         |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 87988    | 50.000   | ug/l  | 0.00         |
| System Monitoring Compounds |        |       |          |          |       |              |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 95941    | 48.665   | ug/l  | 0.00         |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 97.320%      |
| 35) Dibromofluoromethane    | 5.391  | 113   | 74826    | 48.786   | ug/l  | 0.00         |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 97.580%      |
| 50) Toluene-d8              | 8.653  | 98    | 277059   | 50.128   | ug/l  | 0.00         |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 100.260%     |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 100468   | 51.170   | ug/l  | 0.00         |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 102.340%     |
| Target Compounds            |        |       |          |          |       |              |
| 16) Acetone                 | 2.392  | 43    | 1676     | 1.667    | ug/l  | Qvalue<br>94 |
| -----                       |        |       |          |          |       |              |

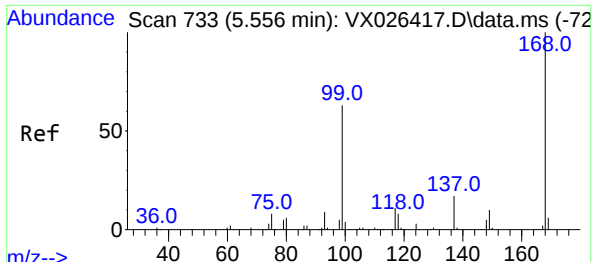
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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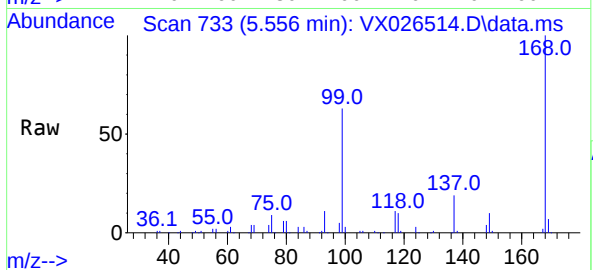
Quant Time: Jan 20 05:04:54 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011122W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jan 11 14:45:13 2022  
Response via : Initial Calibration



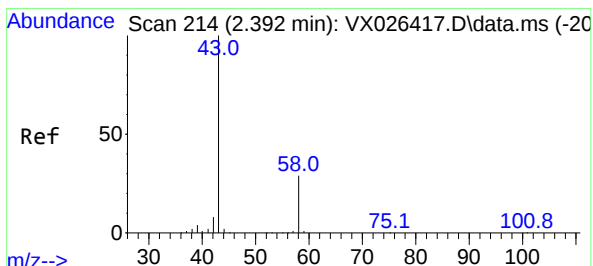
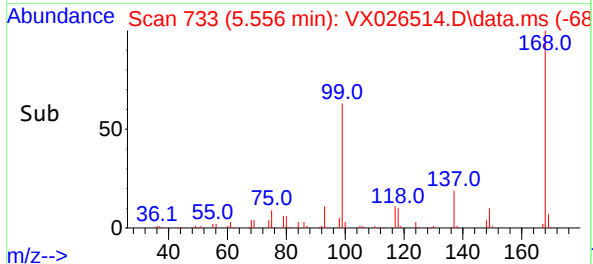
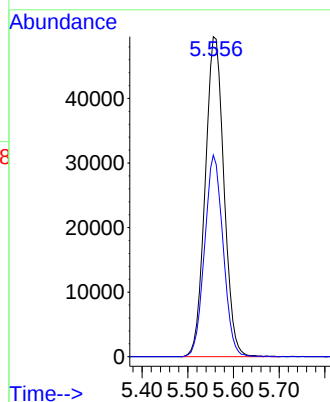


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX026514.D  
Acq: 19 Jan 2022 13:14

Instrument :  
MSVOA\_X  
ClientSampleId :  
20988

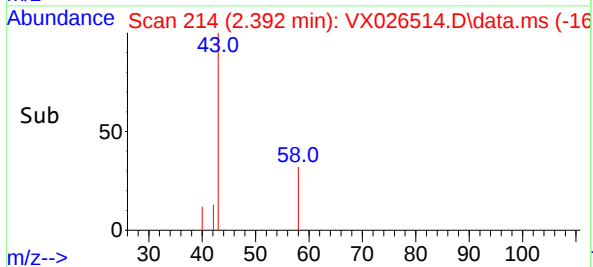
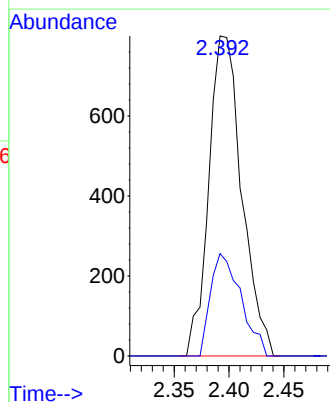
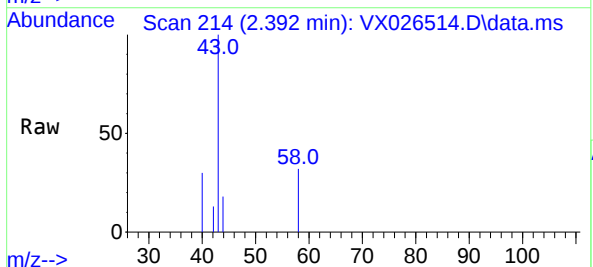


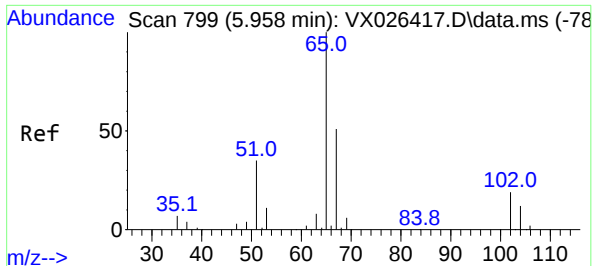
Tgt Ion:168 Resp: 141129  
Ion Ratio Lower Upper  
168 100  
99 63.0 50.3 75.5



#16  
Acetone  
Concen: 1.667 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. -0.000 min  
Lab File: VX026514.D  
Acq: 19 Jan 2022 13:14

Tgt Ion: 43 Resp: 1676  
Ion Ratio Lower Upper  
43 100  
58 32.0 23.0 34.6





#33

1,2-Dichloroethane-d4

Concen: 48.665 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX026514.D

Acq: 19 Jan 2022 13:14

Instrument :

MSVOA\_X

ClientSampleId :

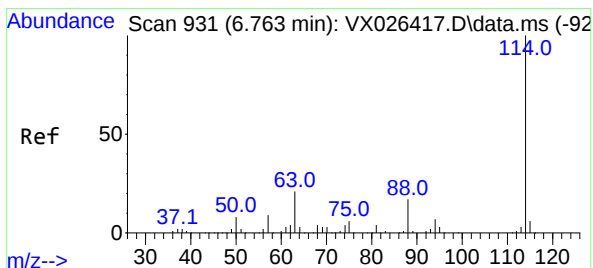
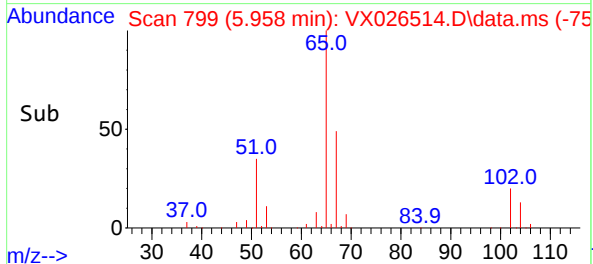
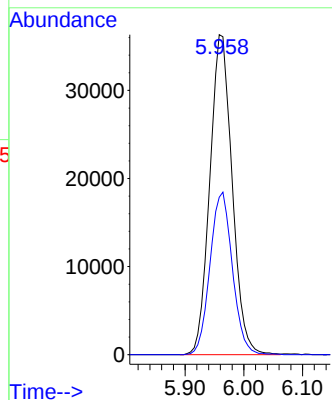
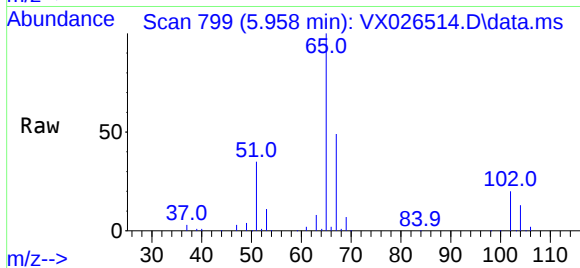
20988

Tgt Ion: 65 Resp: 95941

Ion Ratio Lower Upper

65 100

67 50.9 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX026514.D

Acq: 19 Jan 2022 13:14

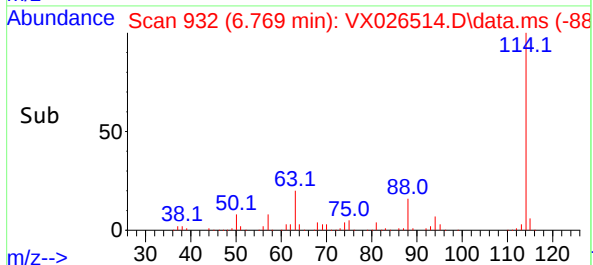
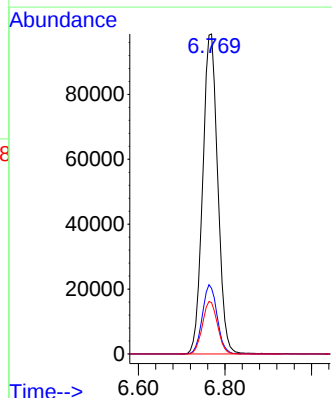
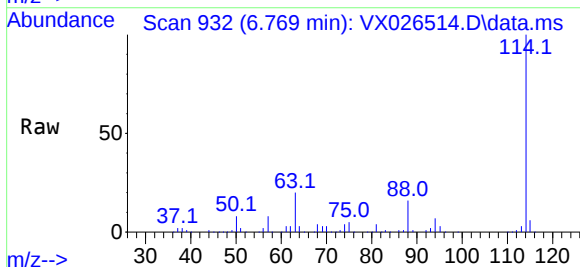
Tgt Ion: 114 Resp: 237509

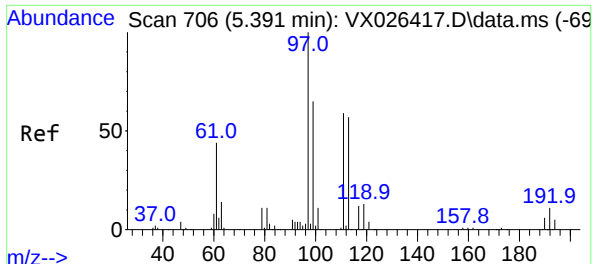
Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.8

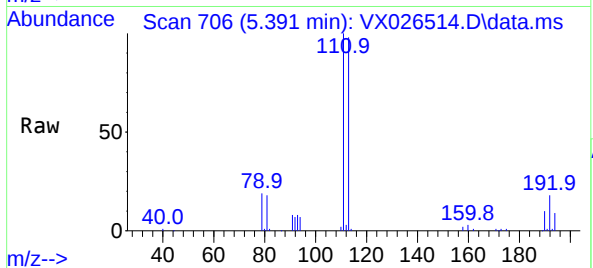
88 16.1 0.0 33.0



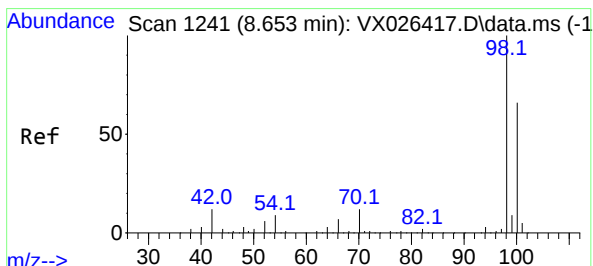
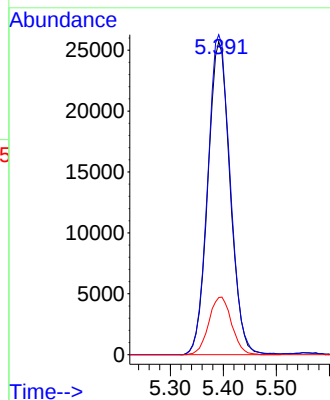
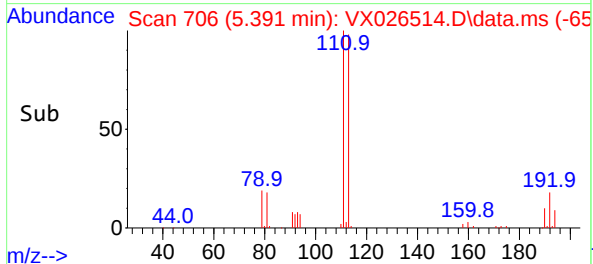


#35  
Dibromofluoromethane  
Concen: 48.786 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. -0.000 min  
Lab File: VX026514.D  
Acq: 19 Jan 2022 13:14

Instrument :  
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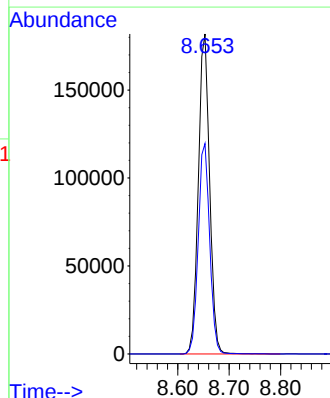
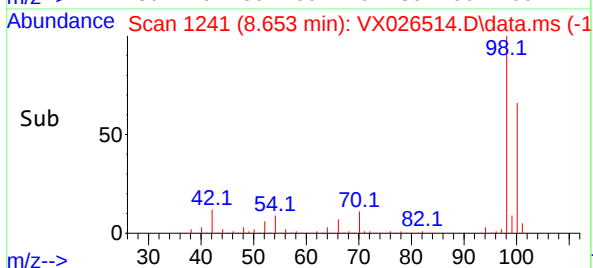
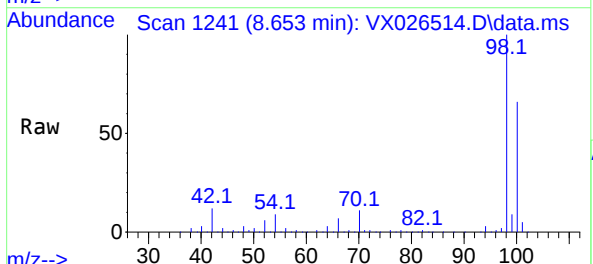


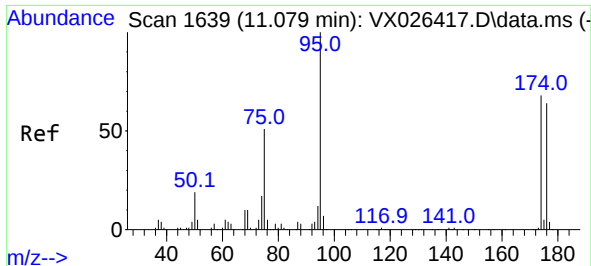
Tgt Ion:113 Resp: 74826  
Ion Ratio Lower Upper  
113 100  
111 103.2 81.2 121.8  
192 18.8 15.0 22.4



#50  
Toluene-d8  
Concen: 50.128 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX026514.D  
Acq: 19 Jan 2022 13:14

Tgt Ion: 98 Resp: 277059  
Ion Ratio Lower Upper  
98 100  
100 66.6 53.2 79.8

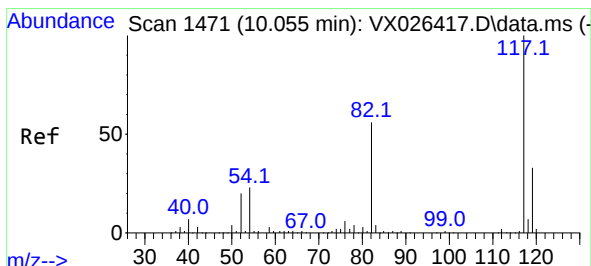
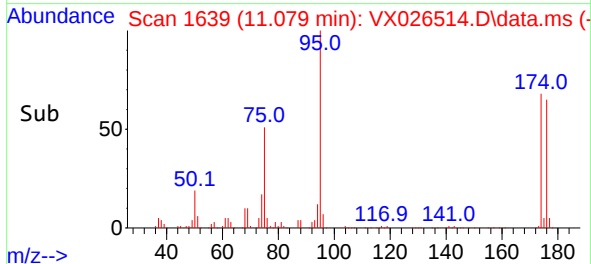
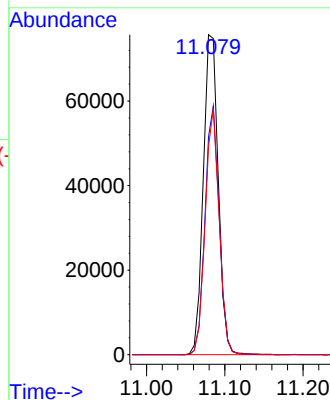
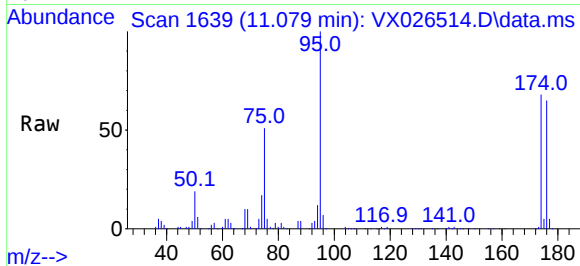




#62  
4-Bromofluorobenzene  
Concen: 51.170 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX026514.D  
Acq: 19 Jan 2022 13:14

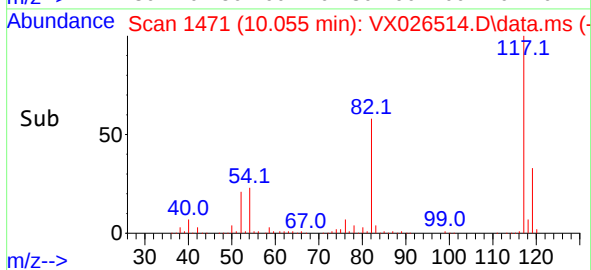
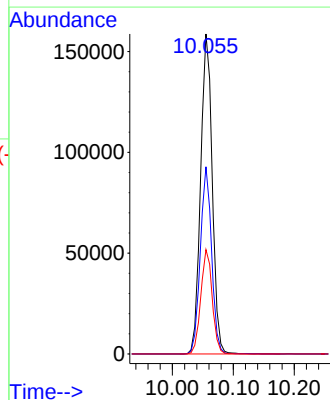
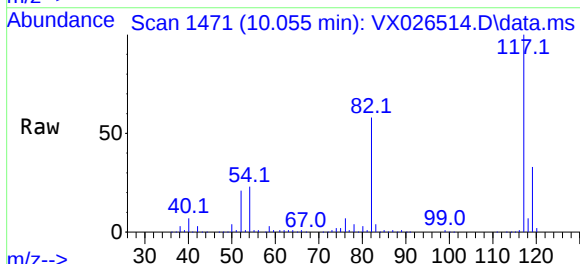
Instrument :  
MSVOA\_X  
ClientSampleId :  
20988

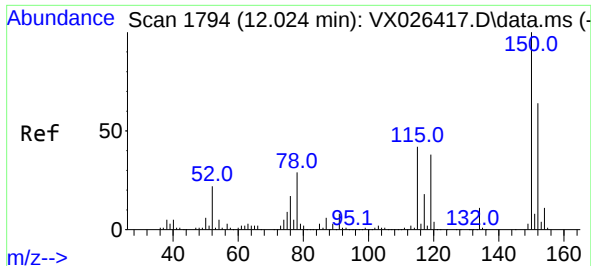
Tgt Ion: 95 Resp: 100468  
Ion Ratio Lower Upper  
95 100  
174 73.5 0.0 148.6  
176 71.6 0.0 141.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX026514.D  
Acq: 19 Jan 2022 13:14

Tgt Ion: 117 Resp: 210554  
Ion Ratio Lower Upper  
117 100  
82 58.5 45.2 67.8  
119 32.6 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX026514.D

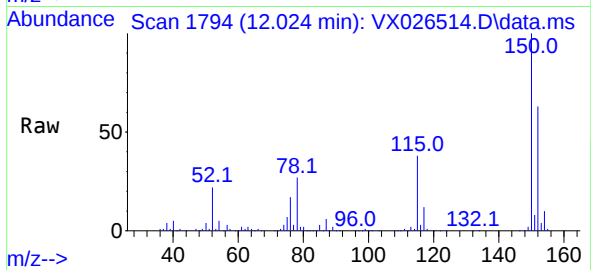
Acq: 19 Jan 2022 13:14

Instrument :

MSVOA\_X

ClientSampleId :

20988



Tgt Ion:152 Resp: 87988

Ion Ratio Lower Upper

152 100

115 62.3 44.2 132.6

150 158.7 0.0 348.2

