

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX111422\  
 Data File : VX032787.D  
 Acq On : 14 Nov 2022 12:22  
 Operator : JC/MD  
 Sample : N5558-05DL 100X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 45BR-20221109DL

Quant Time: Nov 15 05:07:20 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

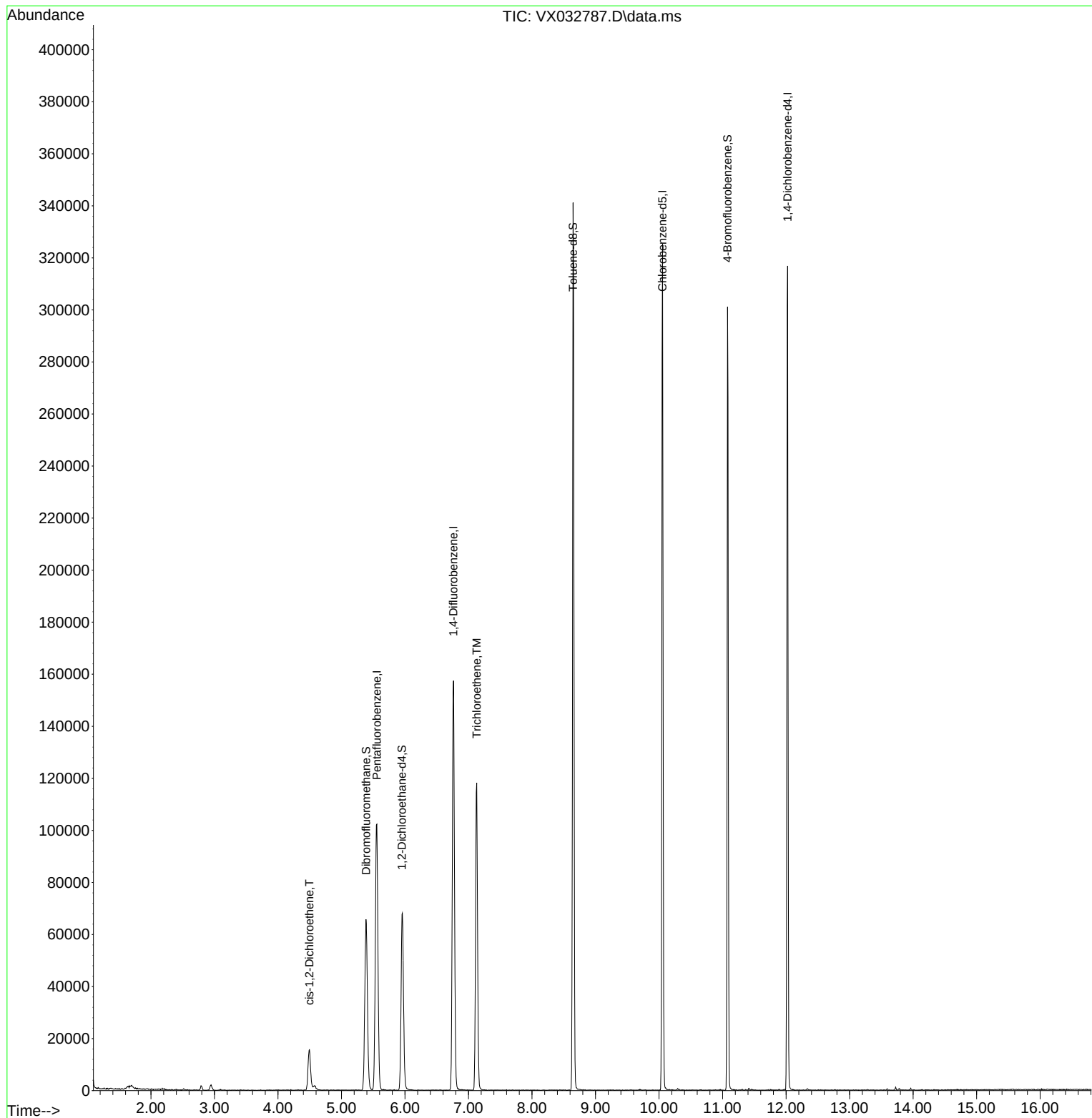
| Compound                    | R.T.           | QIon | Response            | Conc   | Units | Dev(Min) |
|-----------------------------|----------------|------|---------------------|--------|-------|----------|
| -----                       |                |      |                     |        |       |          |
| Internal Standards          |                |      |                     |        |       |          |
| 1) Pentafluorobenzene       | 5.556          | 168  | 98658               | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763          | 114  | 162231              | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055         | 117  | 143729              | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024         | 152  | 67199               | 50.000 | ug/l  | 0.00     |
|                             |                |      |                     |        |       |          |
| System Monitoring Compounds |                |      |                     |        |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.952          | 65   | 69084               | 50.396 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 78 - 117 |      | Recovery = 100.800% |        |       |          |
| 35) Dibromofluoromethane    | 5.385          | 113  | 56074               | 48.456 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = 96.920%  |        |       |          |
| 50) Toluene-d8              | 8.647          | 98   | 200368              | 49.795 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 92 - 112 |      | Recovery = 99.580%  |        |       |          |
| 62) 4-Bromofluorobenzene    | 11.079         | 95   | 72554               | 46.159 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = 92.320%  |        |       |          |
|                             |                |      |                     |        |       |          |
| Target Compounds            |                |      |                     |        |       |          |
| 27) cis-1,2-Dichloroethene  | 4.495          | 96   | 10263               | 8.244  | ug/l  | 88       |
| 44) Trichloroethene         | 7.129          | 130  | 45115               | 35.144 | ug/l  | 98       |
| -----                       |                |      |                     |        |       |          |

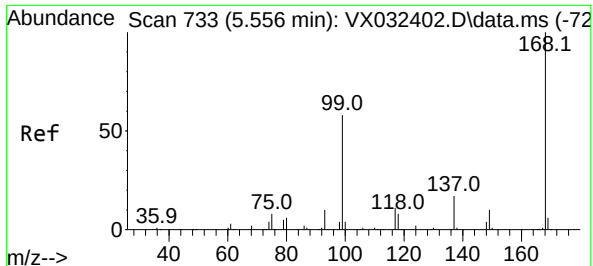
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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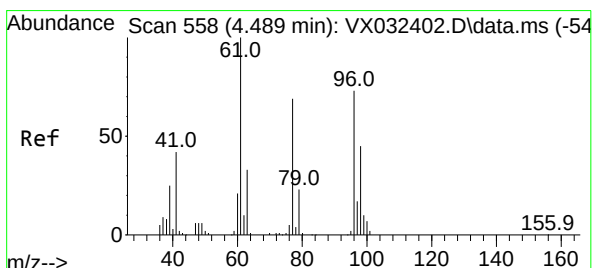
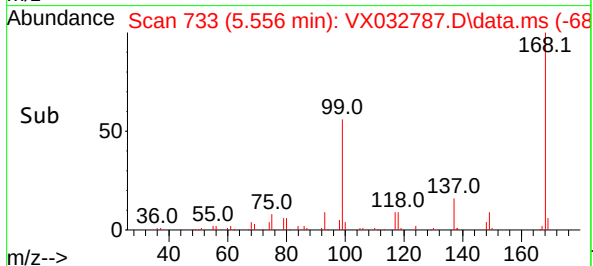
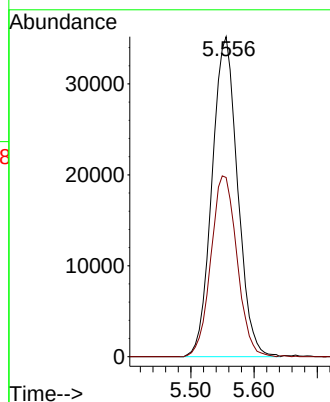
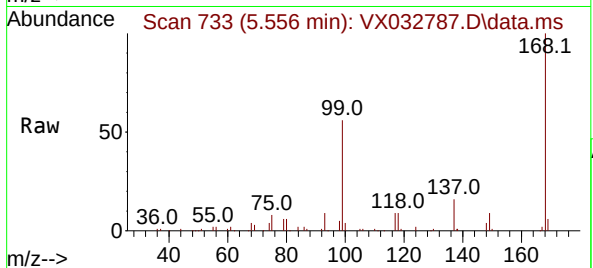




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 713  
Delta R.T. -0.000 min  
Lab File: VX032787.D  
Acq: 14 Nov 2022 12:22

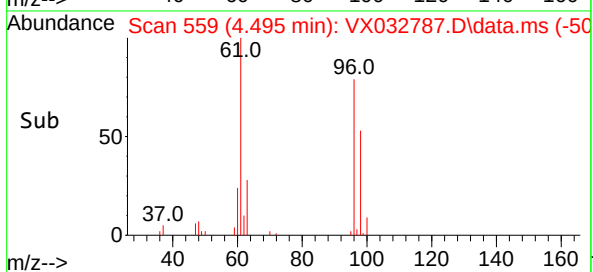
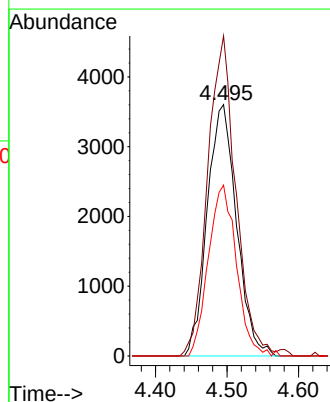
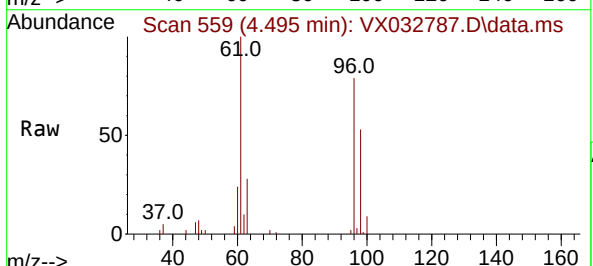
Instrument :  
MSVOA\_X  
ClientSampleId :  
45BR-20221109DL

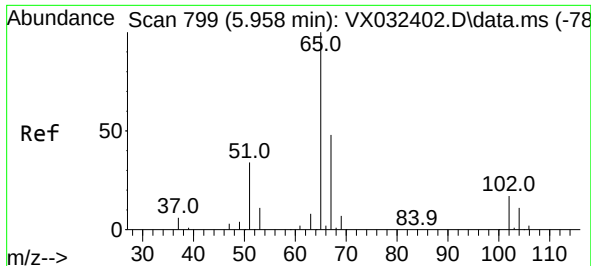
Tgt Ion:168 Resp: 98658  
Ion Ratio Lower Upper  
168 100  
99 56.0 46.1 69.1



#27  
cis-1,2-Dichloroethene  
Concen: 8.244 ug/l  
RT: 4.495 min Scan# 559  
Delta R.T. 0.006 min  
Lab File: VX032787.D  
Acq: 14 Nov 2022 12:22

Tgt Ion: 96 Resp: 10263  
Ion Ratio Lower Upper  
96 100  
61 121.9 0.0 286.0  
98 64.9 0.0 129.6





#33

1,2-Dichloroethane-d4

Concen: 50.396 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX032787.D

Acq: 14 Nov 2022 12:22

Instrument :

MSVOA\_X

ClientSampleId :

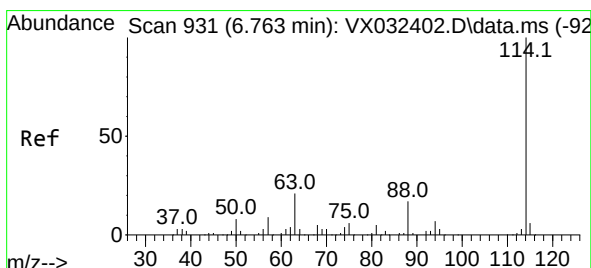
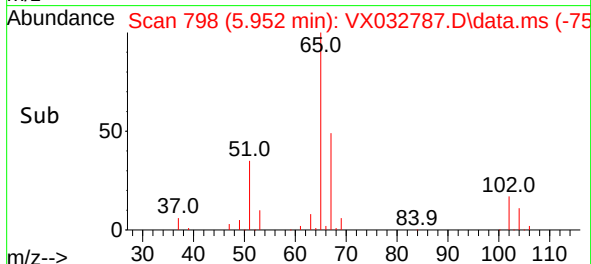
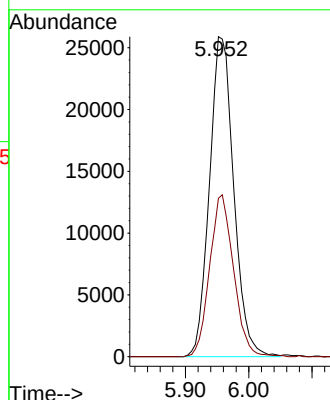
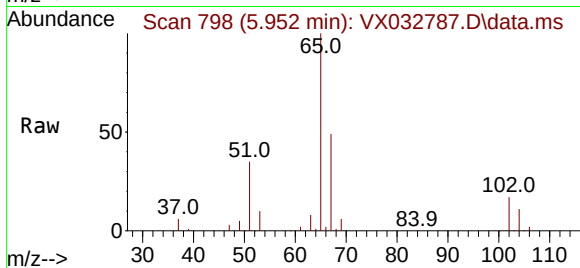
45BR-20221109DL

Tgt Ion: 65 Resp: 69084

Ion Ratio Lower Upper

65 100

67 49.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032787.D

Acq: 14 Nov 2022 12:22

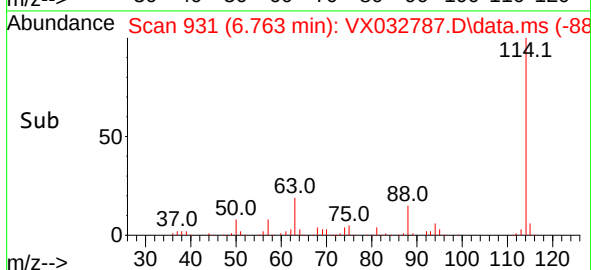
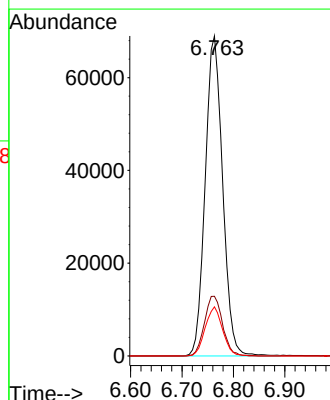
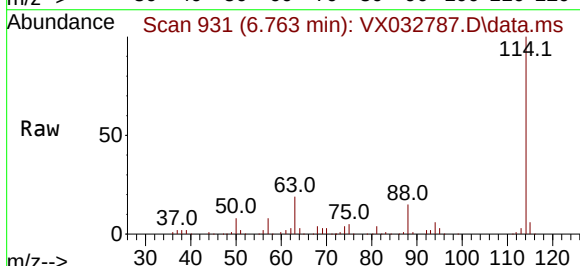
Tgt Ion: 114 Resp: 162231

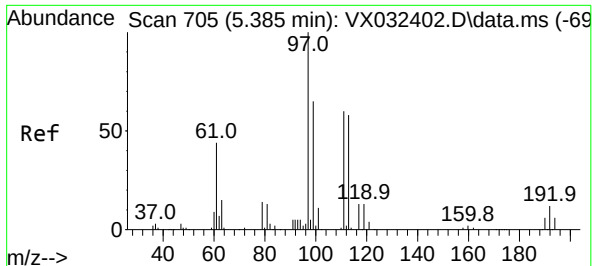
Ion Ratio Lower Upper

114 100

63 18.7 0.0 41.6

88 15.3 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.456 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032787.D

Acq: 14 Nov 2022 12:22

Instrument :

MSVOA\_X

ClientSampleId :

45BR-20221109DL

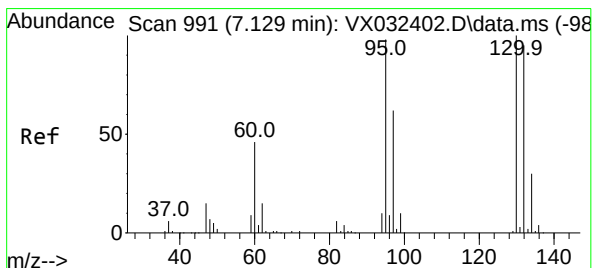
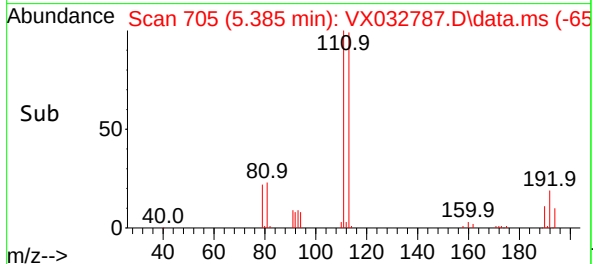
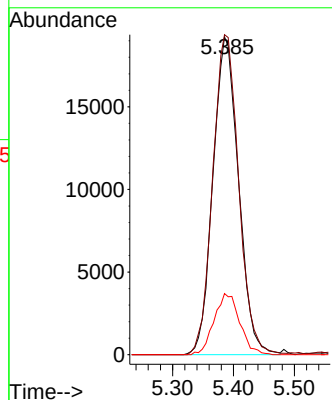
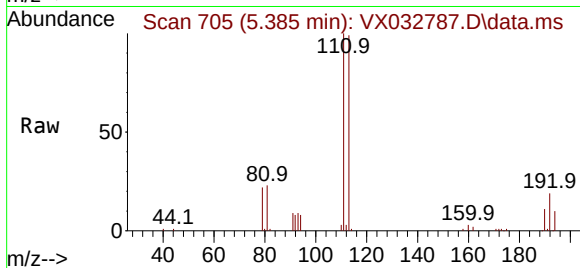
Tgt Ion:113 Resp: 56074

Ion Ratio Lower Upper

113 100

111 102.2 82.4 123.6

192 19.3 15.4 23.2



#44

Trichloroethene

Concen: 35.144 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX032787.D

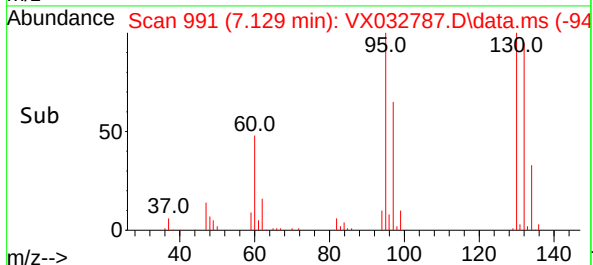
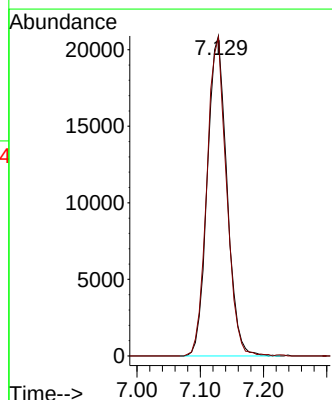
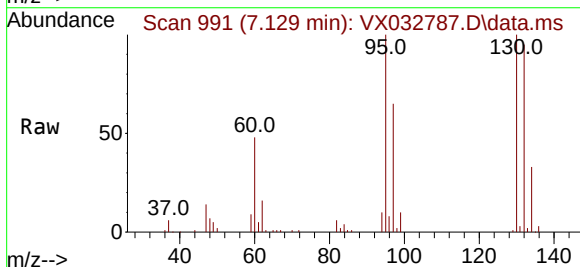
Acq: 14 Nov 2022 12:22

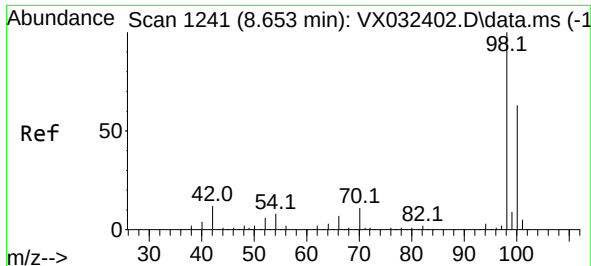
Tgt Ion:130 Resp: 45115

Ion Ratio Lower Upper

130 100

95 99.7 0.0 195.2

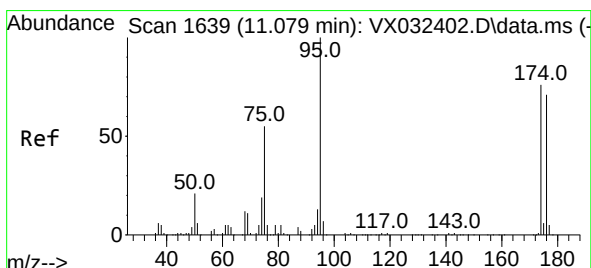
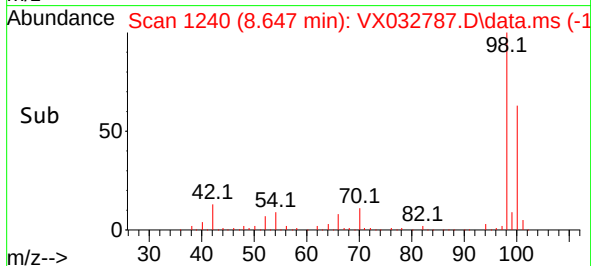
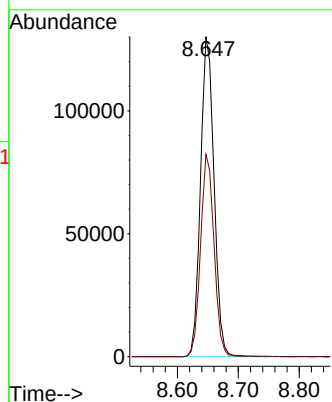
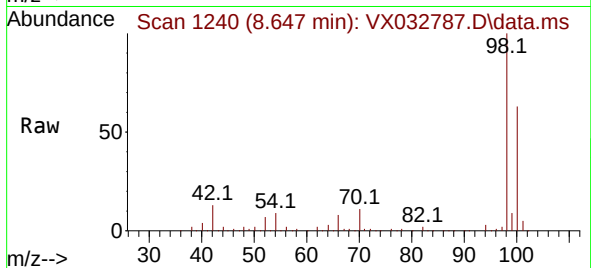




#50  
Toluene-d8  
Concen: 49.795 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX032787.D  
Acq: 14 Nov 2022 12:22

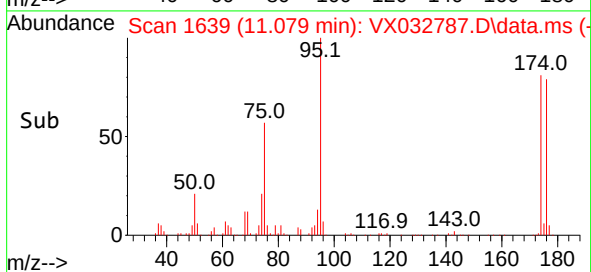
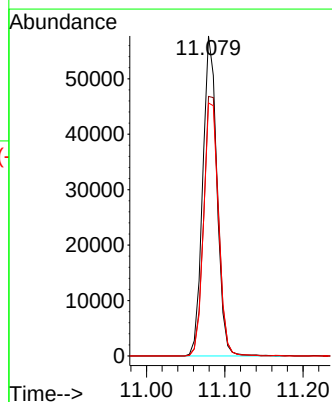
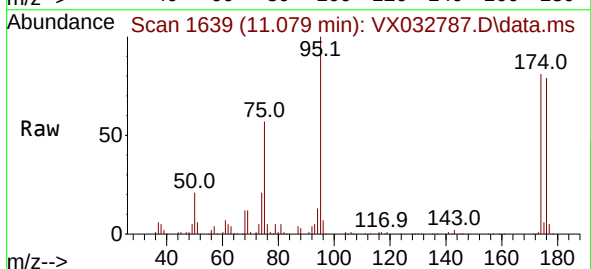
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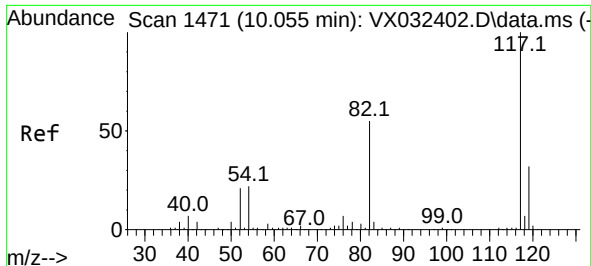
Tgt Ion: 98 Resp: 200368  
Ion Ratio Lower Upper  
98 100  
100 63.1 50.9 76.3



#62  
4-Bromofluorobenzene  
Concen: 46.159 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX032787.D  
Acq: 14 Nov 2022 12:22

Tgt Ion: 95 Resp: 72554  
Ion Ratio Lower Upper  
95 100  
174 85.3 0.0 164.0  
176 83.0 0.0 154.4

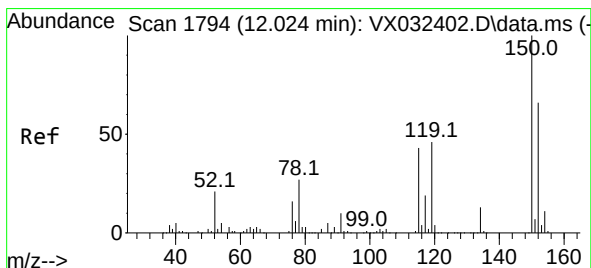
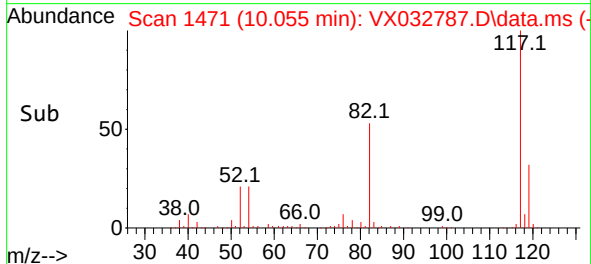
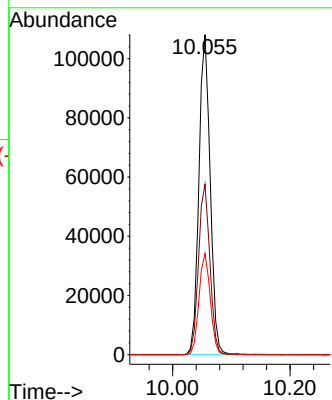
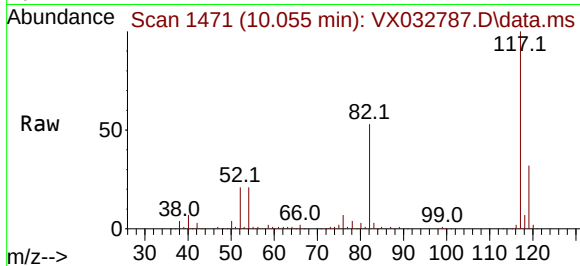




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX032787.D  
Acq: 14 Nov 2022 12:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
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Tgt Ion:117 Resp: 143729  
Ion Ratio Lower Upper  
117 100  
82 53.3 44.3 66.5  
119 31.7 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: VX032787.D  
Acq: 14 Nov 2022 12:22

Tgt Ion:152 Resp: 67199  
Ion Ratio Lower Upper  
152 100  
115 58.9 44.0 132.0  
150 155.7 0.0 351.8

