

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX090722\  
 Data File : VX031203.D  
 Acq On : 08 Sep 2022 10:36  
 Operator : JC/MD  
 Sample : N4373-03DL 10X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 60 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE114D1-20220825DL

Quant Time: Sep 08 14:00:31 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X090722W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 07 23:22:41 2022  
 Response via : Initial Calibration

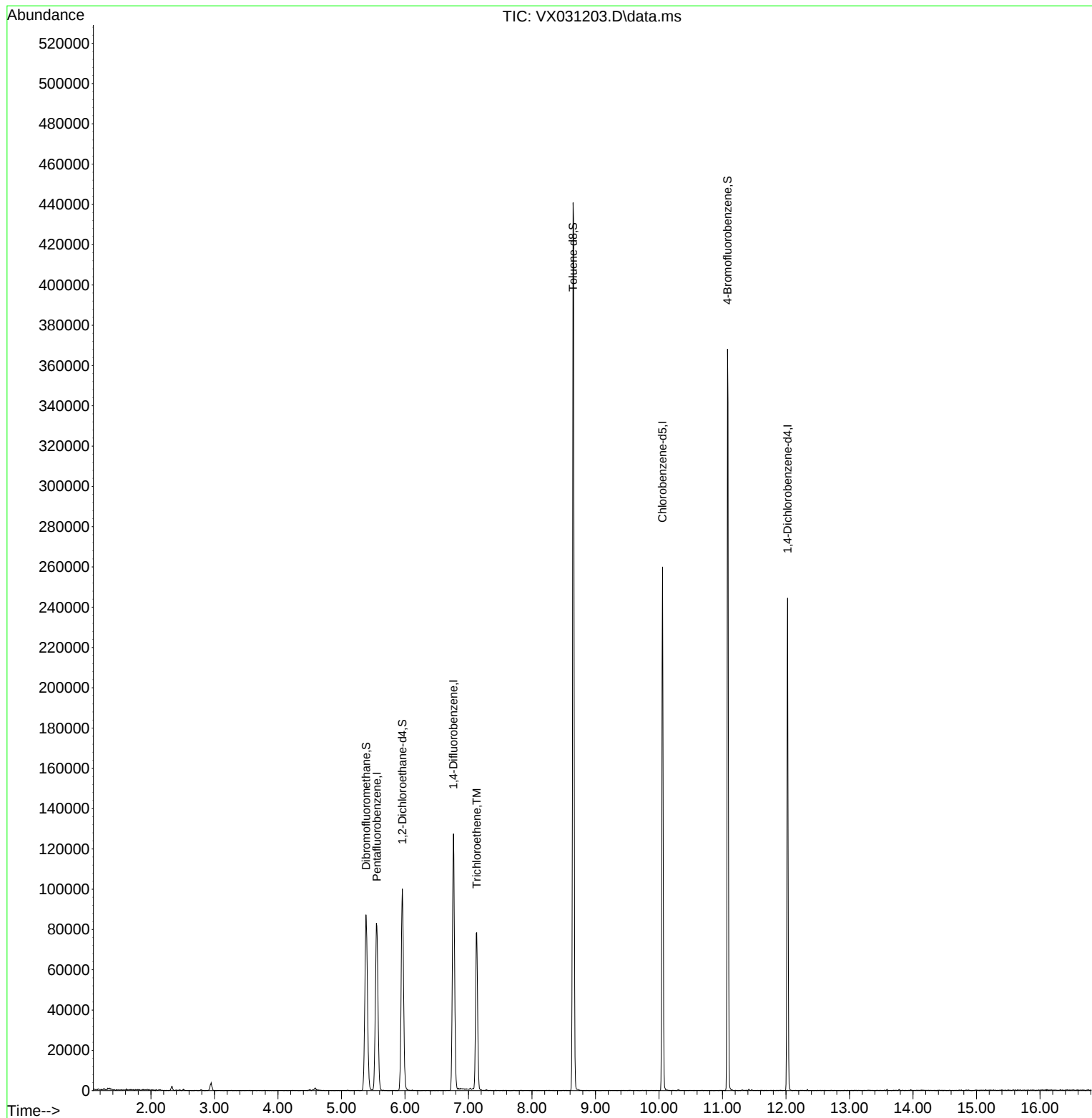
| Compound                    | R.T.   | QIon  | Response | Conc     | Units       | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|-------------|-----------|
| -----                       |        |       |          |          |             |           |
| Internal Standards          |        |       |          |          |             |           |
| 1) Pentafluorobenzene       | 5.556  | 168   | 67507    | 50.000   | ug/l        | # 0.00    |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 123842   | 50.000   | ug/l        | 0.00      |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 114540   | 50.000   | ug/l        | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 44772    | 50.000   | ug/l        | 0.00      |
| System Monitoring Compounds |        |       |          |          |             |           |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 108138   | 67.660   | ug/l        | 0.00      |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 135.320%# |           |
| 35) Dibromofluoromethane    | 5.385  | 113   | 76373    | 56.592   | ug/l        | 0.00      |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 113.180%  |           |
| 50) Toluene-d8              | 8.647  | 98    | 265666   | 54.182   | ug/l        | 0.00      |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 108.360%  |           |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 99738    | 55.507   | ug/l        | 0.00      |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 111.020%  |           |
| Target Compounds            |        |       |          |          |             |           |
| 44) Trichloroethene         | 7.129  | 130   | 29695    | 19.241   | ug/l        | Qvalue 92 |
| -----                       |        |       |          |          |             |           |

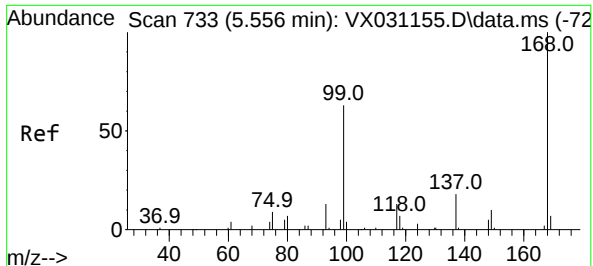
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 07 23:22:41 2022  
Response via : Initial Calibration

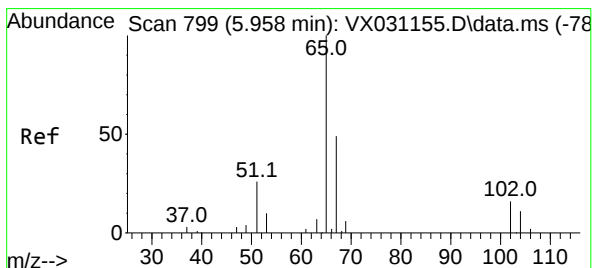
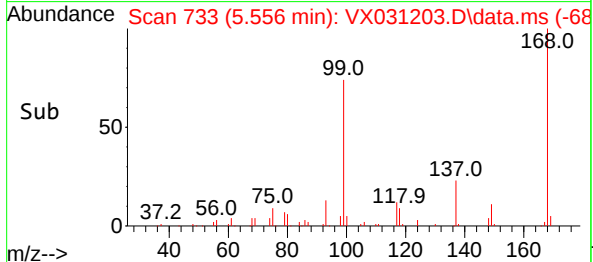
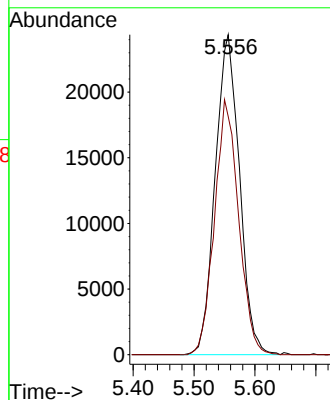
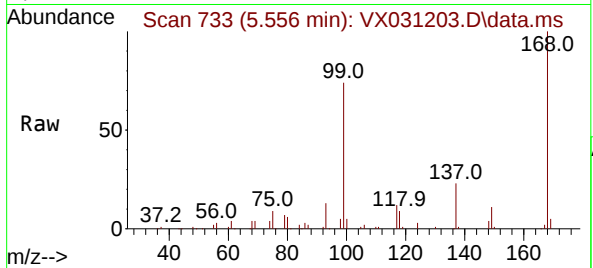




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 711  
Delta R.T. 0.000 min  
Lab File: VX031203.D  
Acq: 08 Sep 2022 10:36

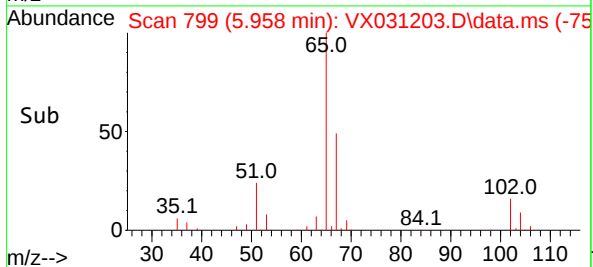
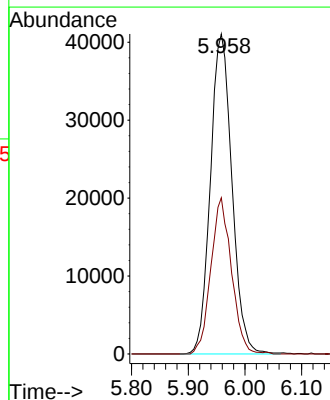
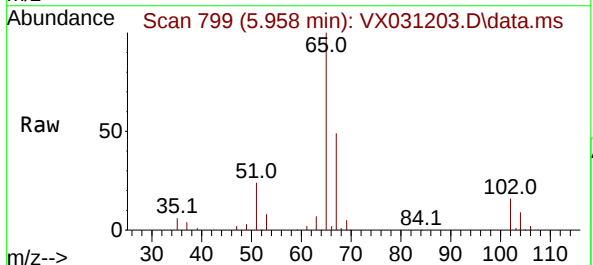
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE114D1-20220825DL

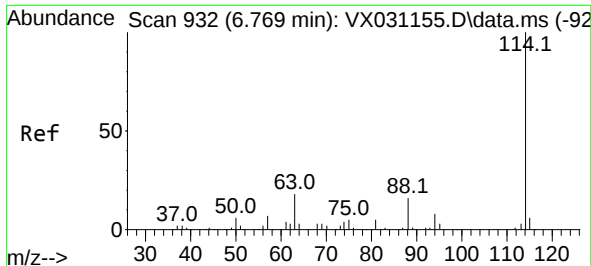
Tgt Ion:168 Resp: 67507  
Ion Ratio Lower Upper  
168 100  
99 74.4 44.0 66.0#



#33  
1,2-Dichloroethane-d4  
Concen: 67.660 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX031203.D  
Acq: 08 Sep 2022 10:36

Tgt Ion: 65 Resp: 108138  
Ion Ratio Lower Upper  
65 100  
67 46.8 0.0 109.6

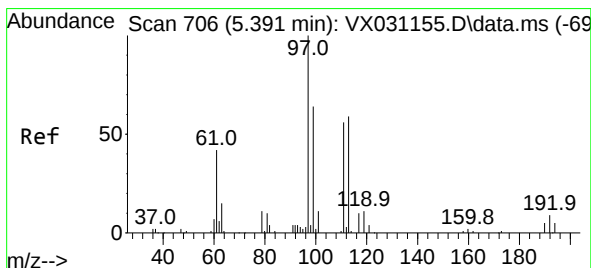
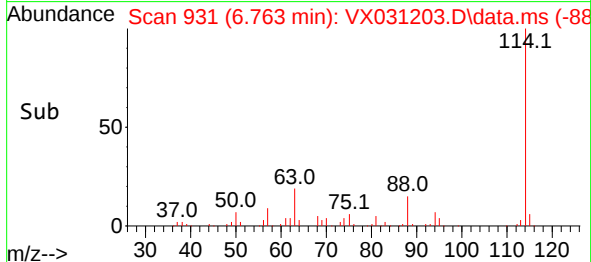
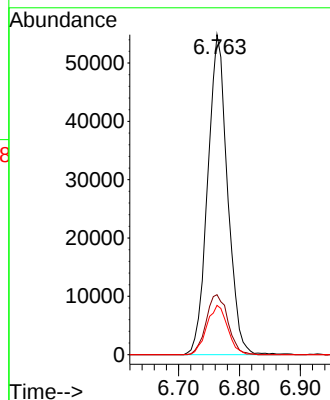
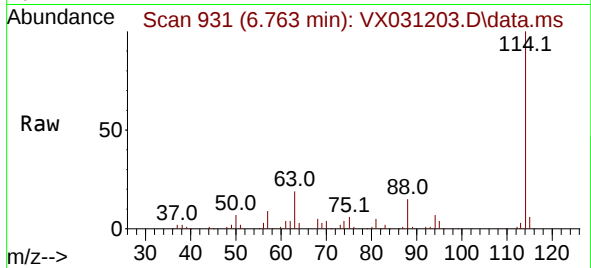




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VX031203.D  
Acq: 08 Sep 2022 10:36

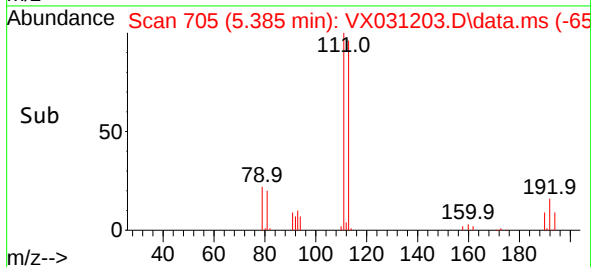
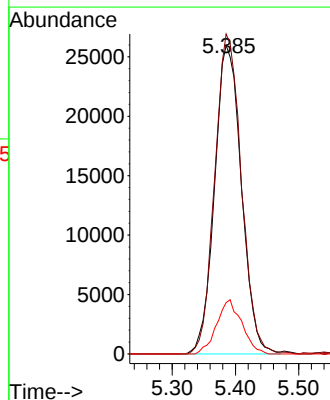
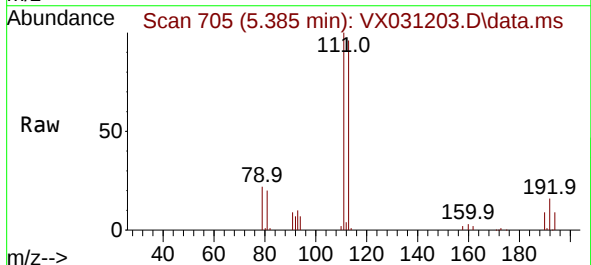
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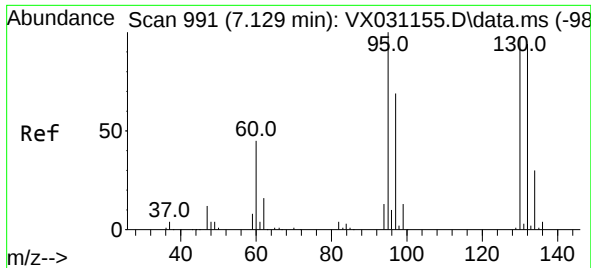
Tgt Ion:114 Resp: 123842  
Ion Ratio Lower Upper  
114 100  
63 18.8 0.0 38.4  
88 15.4 0.0 31.8



#35  
Dibromofluoromethane  
Concen: 56.592 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.006 min  
Lab File: VX031203.D  
Acq: 08 Sep 2022 10:36

Tgt Ion:113 Resp: 76373  
Ion Ratio Lower Upper  
113 100  
111 102.9 83.2 124.8  
192 16.5 14.8 22.2

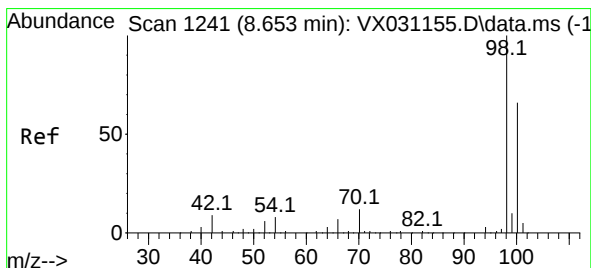
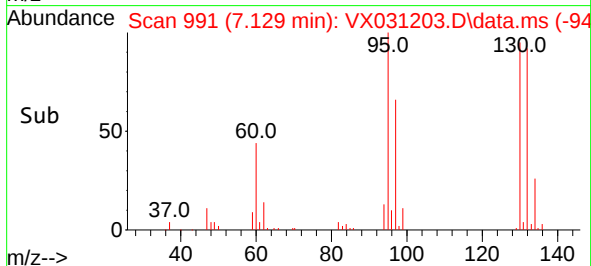
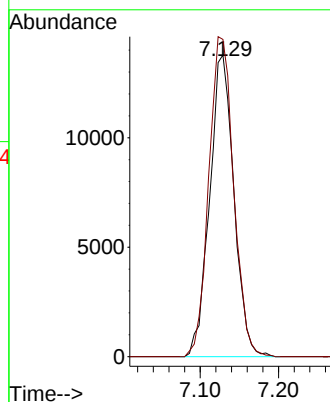
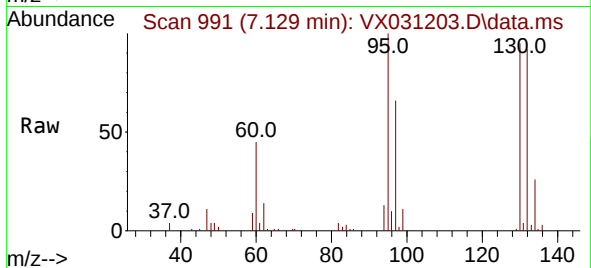




#44  
Trichloroethene  
Concen: 19.241 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. 0.000 min  
Lab File: VX031203.D  
Acq: 08 Sep 2022 10:36

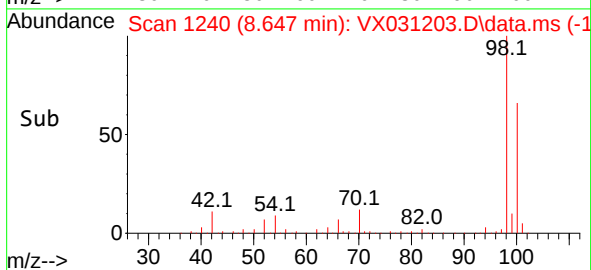
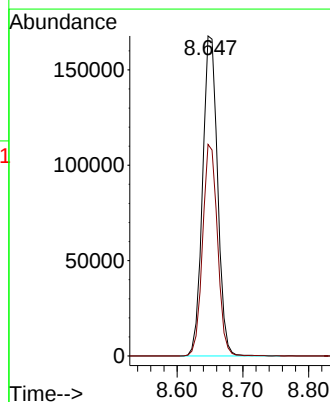
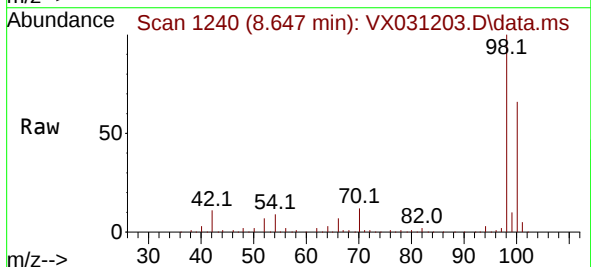
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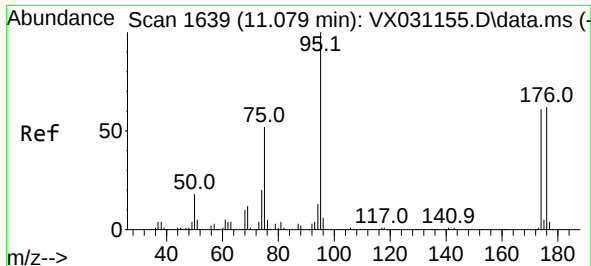
Tgt Ion:130 Resp: 29695  
Ion Ratio Lower Upper  
130 100  
95 105.2 0.0 194.8



#50  
Toluene-d8  
Concen: 54.182 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.006 min  
Lab File: VX031203.D  
Acq: 08 Sep 2022 10:36

Tgt Ion: 98 Resp: 265666  
Ion Ratio Lower Upper  
98 100  
100 65.6 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 55.507 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031203.D

Acq: 08 Sep 2022 10:36

Instrument :

MSVOA\_X

ClientSampleId :

RE114D1-20220825DL

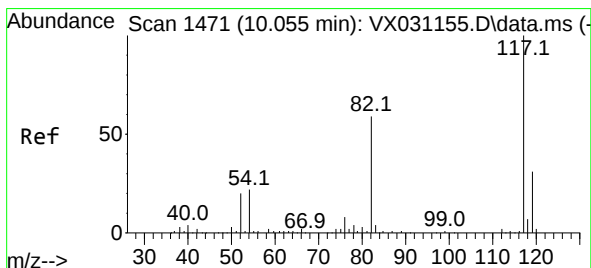
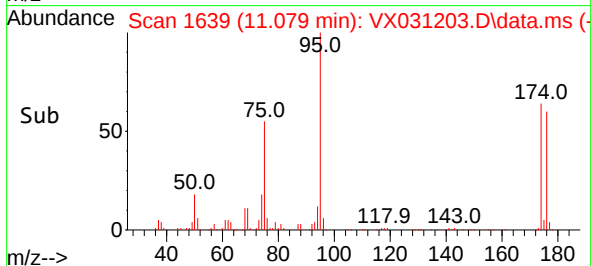
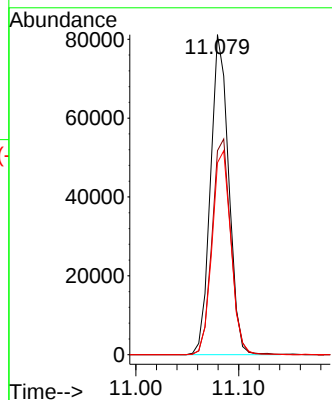
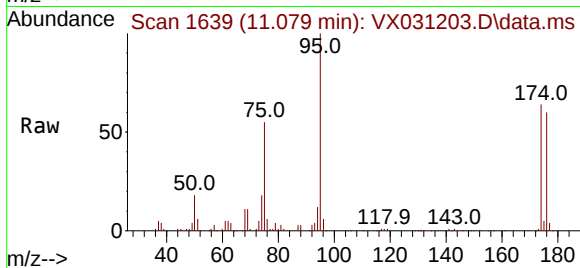
Tgt Ion: 95 Resp: 99738

Ion Ratio Lower Upper

95 100

174 69.6 0.0 149.0

176 66.1 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX031203.D

Acq: 08 Sep 2022 10:36

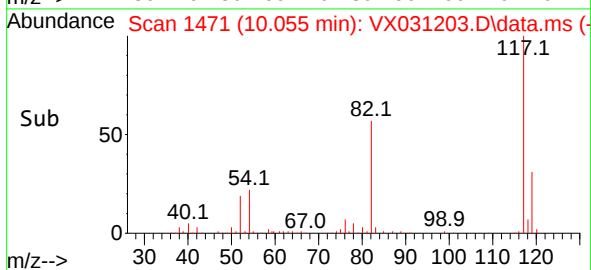
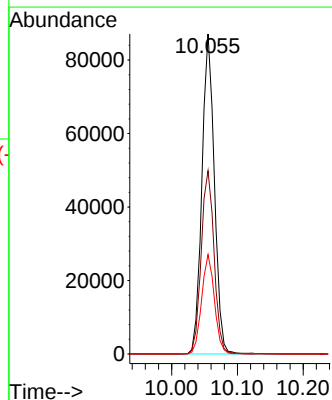
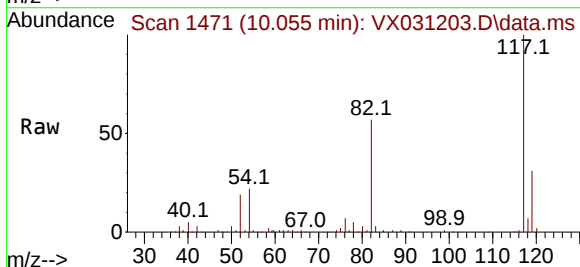
Tgt Ion: 117 Resp: 114540

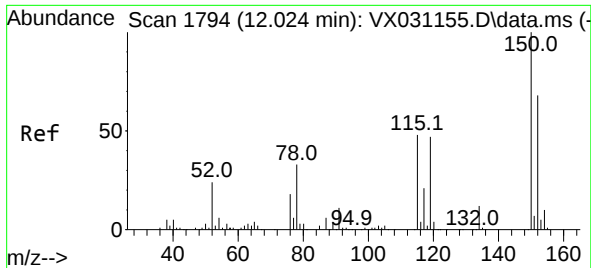
Ion Ratio Lower Upper

117 100

82 57.3 42.7 64.1

119 31.0 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX031203.D

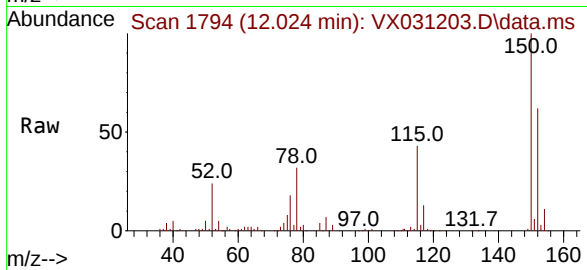
Acq: 08 Sep 2022 10:36

Instrument :

MSVOA\_X

ClientSampleId :

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Tgt Ion:152 Resp: 44772

Ion Ratio Lower Upper

152 100

115 70.7 40.5 121.5

150 158.7 0.0 347.0

