

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102723\  
 Data File : VX038606.D  
 Acq On : 27 Oct 2023 16:36  
 Operator : JC/MD  
 Sample : 05102-14  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 67S-TB01

Quant Time: Oct 30 01:32:31 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100523W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 05 15:27:13 2023  
 Response via : Initial Calibration

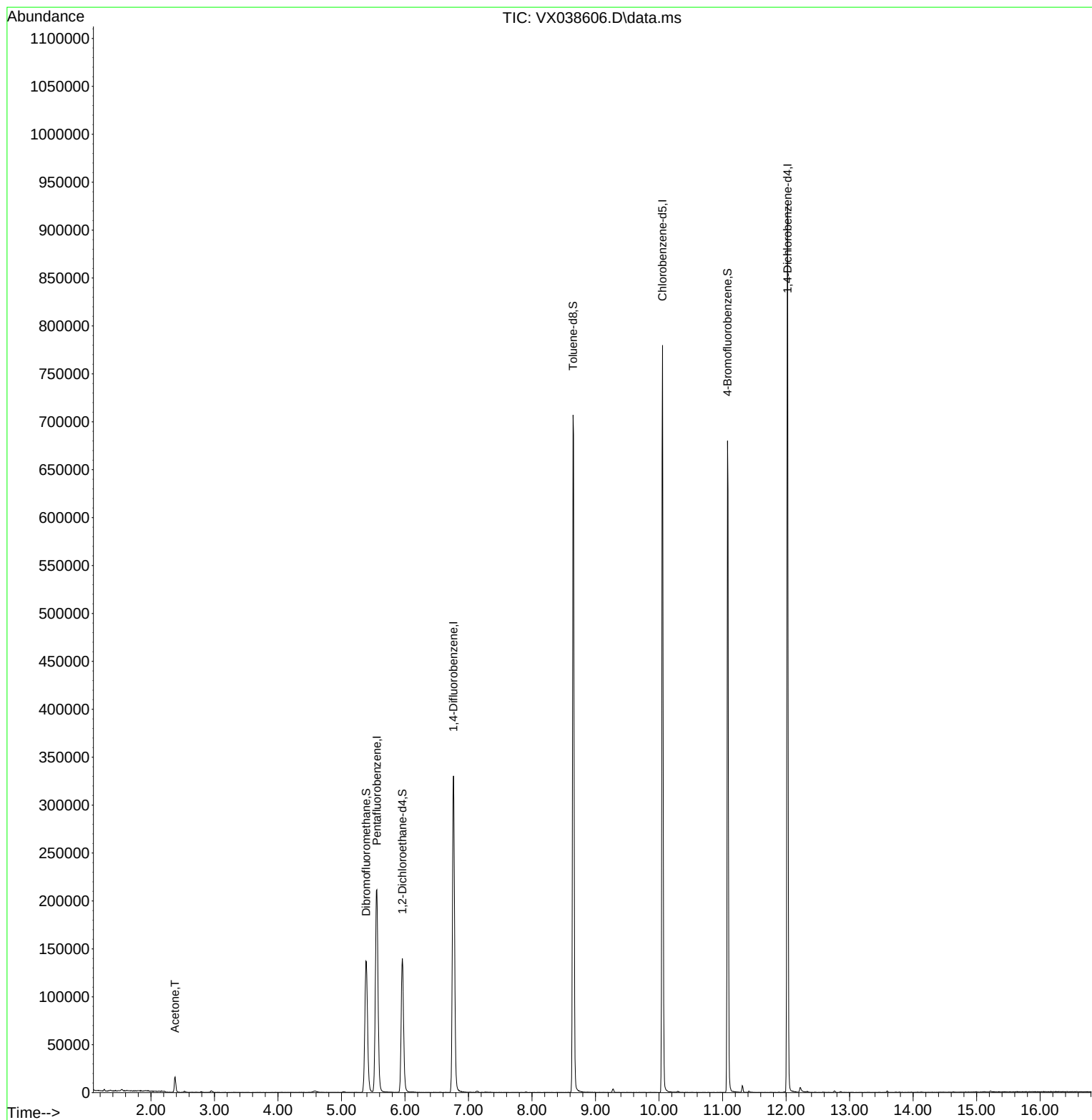
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|-------|-----------|
| -----                       |        |       |          |          |       |           |
| Internal Standards          |        |       |          |          |       |           |
| 1) Pentafluorobenzene       | 5.556  | 168   | 213018   | 50.000   | ug/l  | # 0.00    |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 356310   | 50.000   | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 366649   | 50.000   | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 201931   | 50.000   | ug/l  | 0.00      |
| System Monitoring Compounds |        |       |          |          |       |           |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 136162   | 39.741   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 79.480%   |
| 35) Dibromofluoromethane    | 5.385  | 113   | 121689   | 47.397   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 94.800%   |
| 50) Toluene-d8              | 8.646  | 98    | 443128   | 45.167   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 90.340%#  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 179431   | 48.242   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 96.480%   |
| Target Compounds            |        |       |          |          |       |           |
| 16) Acetone                 | 2.379  | 43    | 17135    | 11.983   | ug/l  | Qvalue 91 |
| -----                       |        |       |          |          |       |           |

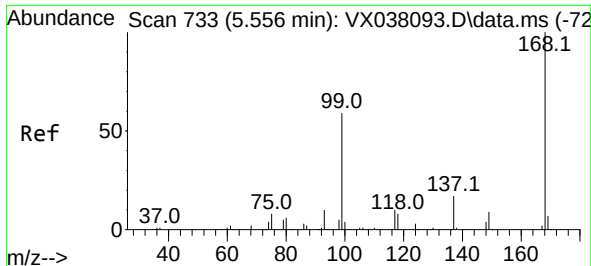
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Thu Oct 05 15:27:13 2023  
Response via : Initial Calibration

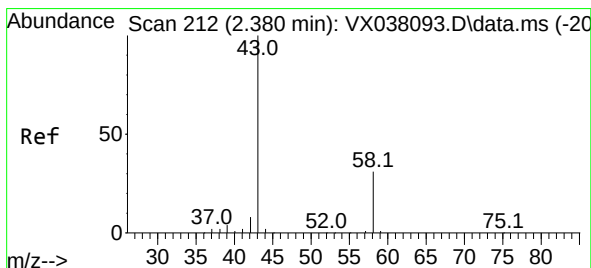
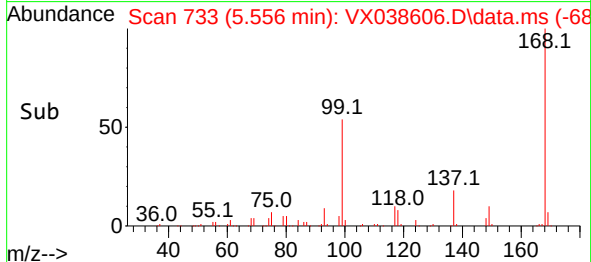
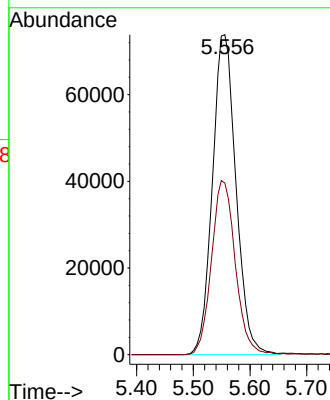
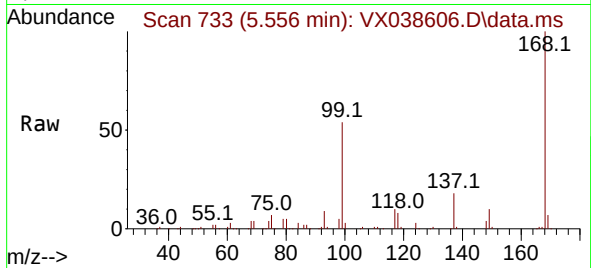




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX038606.D  
Acq: 27 Oct 2023 16:36

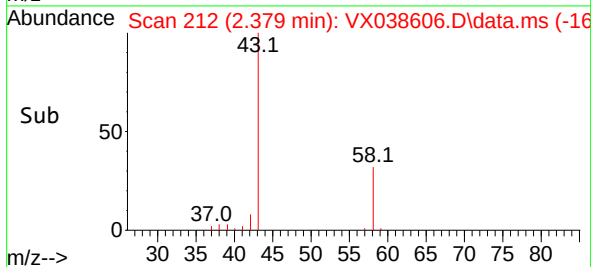
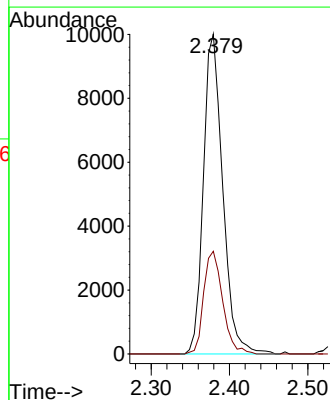
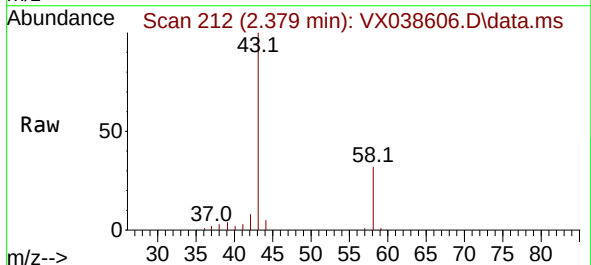
Instrument :  
MSVOA\_X  
ClientSampleId :  
67S-TB01

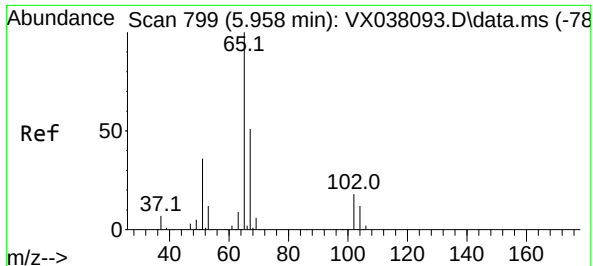
Tgt Ion:168 Resp: 213018  
Ion Ratio Lower Upper  
168 100  
99 53.6 56.6 85.0#



#16  
Acetone  
Concen: 11.983 ug/l  
RT: 2.379 min Scan# 212  
Delta R.T. -0.001 min  
Lab File: VX038606.D  
Acq: 27 Oct 2023 16:36

Tgt Ion: 43 Resp: 17135  
Ion Ratio Lower Upper  
43 100  
58 32.1 21.9 32.9





#33

1,2-Dichloroethane-d4

Concen: 39.741 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX038606.D

Acq: 27 Oct 2023 16:36

Instrument :

MSVOA\_X

ClientSampleId :

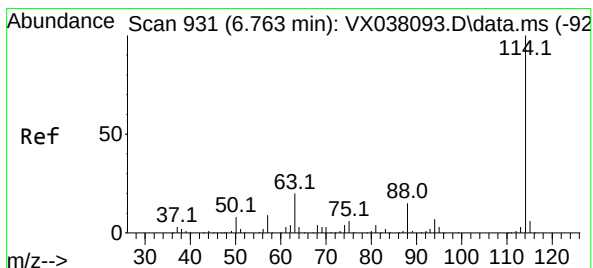
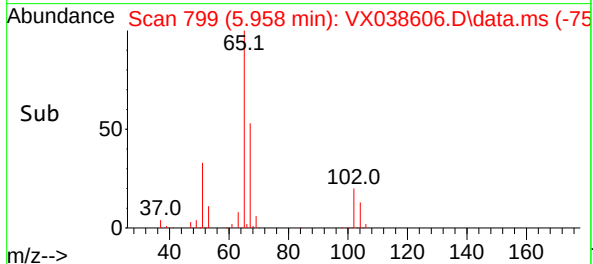
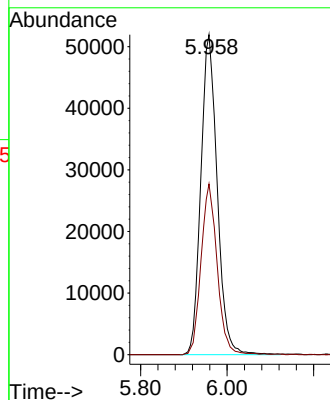
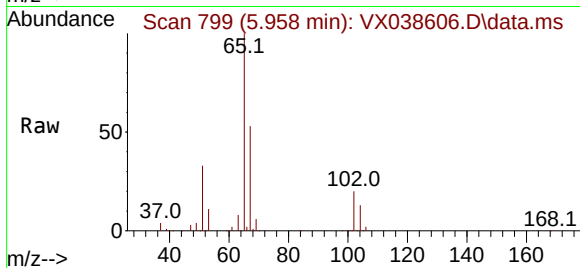
67S-TB01

Tgt Ion: 65 Resp: 136162

Ion Ratio Lower Upper

65 100

67 52.5 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX038606.D

Acq: 27 Oct 2023 16:36

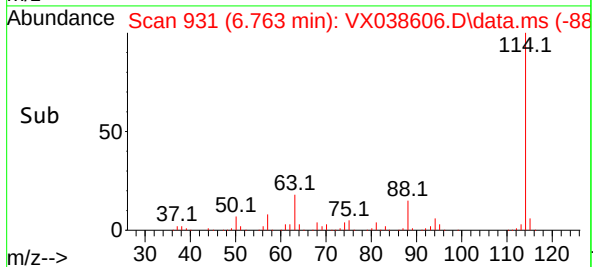
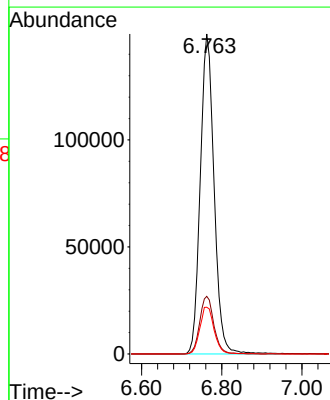
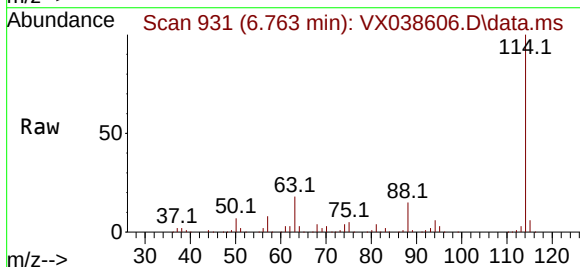
Tgt Ion: 114 Resp: 356310

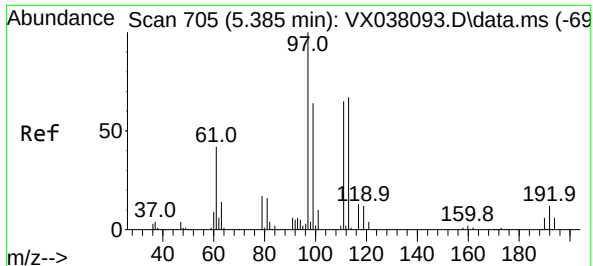
Ion Ratio Lower Upper

114 100

63 18.0 0.0 45.0

88 14.6 0.0 36.6

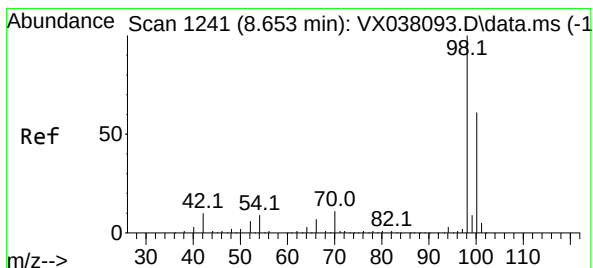
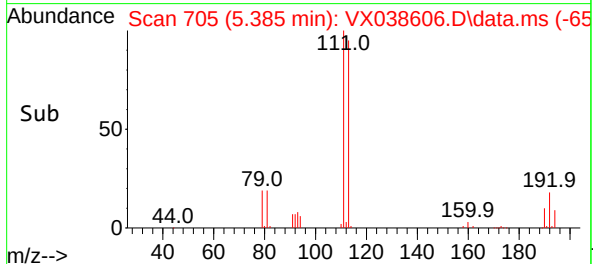
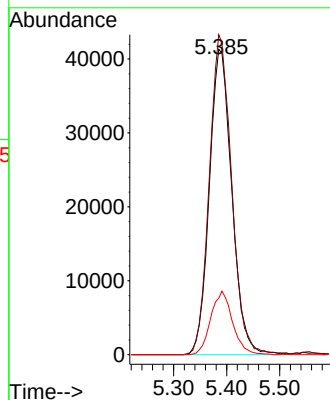
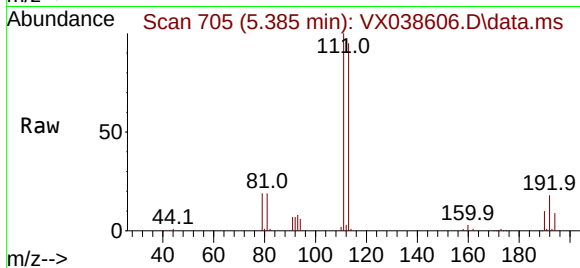




#35  
Dibromofluoromethane  
Concen: 47.397 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX038606.D  
Acq: 27 Oct 2023 16:36

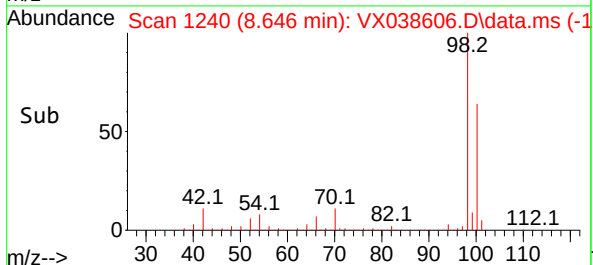
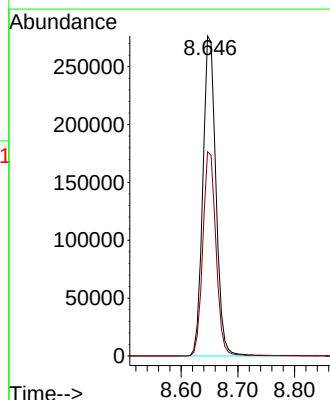
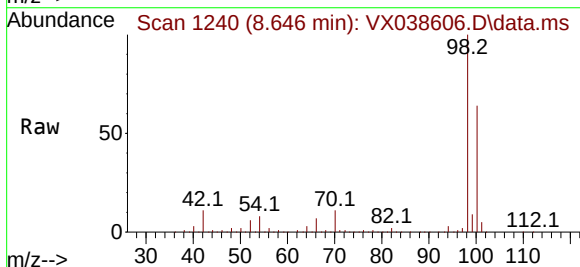
Instrument :  
MSVOA\_X  
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67S-TB01

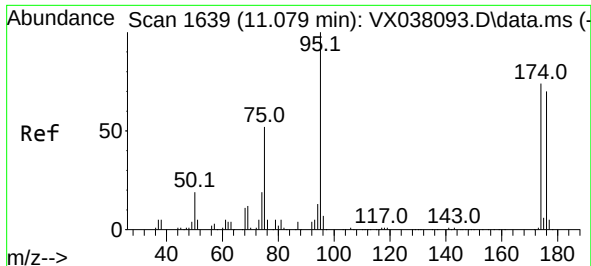
Tgt Ion:113 Resp: 121689  
Ion Ratio Lower Upper  
113 100  
111 103.9 82.9 124.3  
192 20.1 13.3 19.9#



#50  
Toluene-d8  
Concen: 45.167 ug/l  
RT: 8.646 min Scan# 1240  
Delta R.T. -0.007 min  
Lab File: VX038606.D  
Acq: 27 Oct 2023 16:36

Tgt Ion: 98 Resp: 443128  
Ion Ratio Lower Upper  
98 100  
100 64.4 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 48.242 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX038606.D

Acq: 27 Oct 2023 16:36

Instrument :

MSVOA\_X

ClientSampleId :

67S-TB01

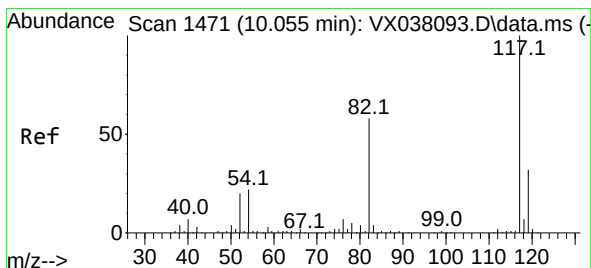
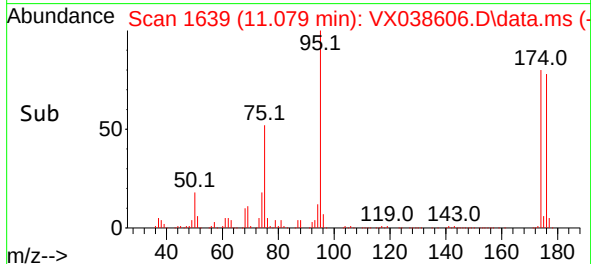
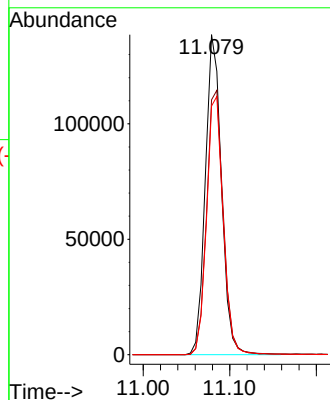
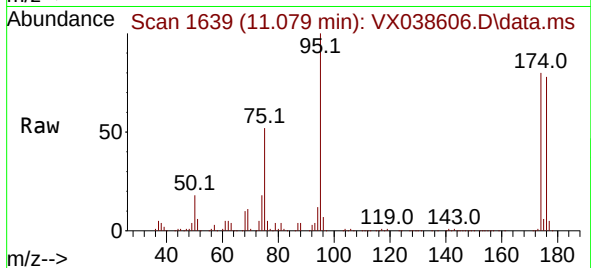
Tgt Ion: 95 Resp: 179431

Ion Ratio Lower Upper

95 100

174 85.6 0.0 135.6

176 83.0 0.0 131.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX038606.D

Acq: 27 Oct 2023 16:36

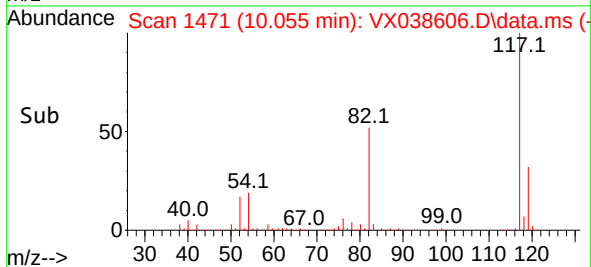
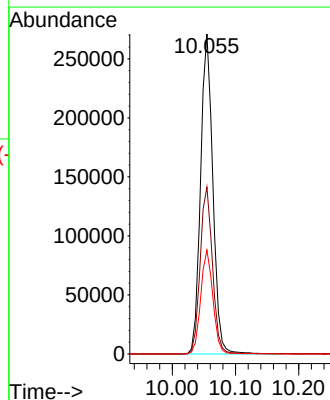
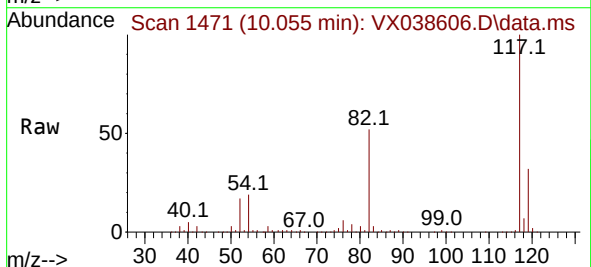
Tgt Ion: 117 Resp: 366649

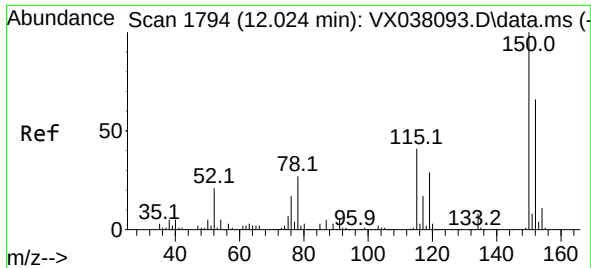
Ion Ratio Lower Upper

117 100

82 52.1 46.2 69.4

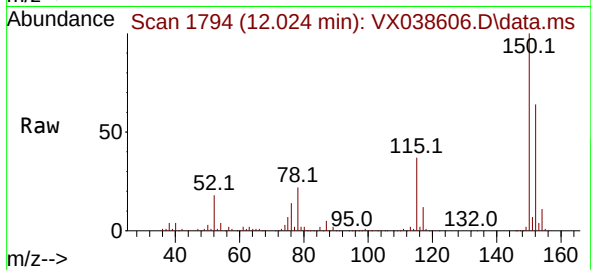
119 32.5 25.5 38.3





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX038606.D  
 Acq: 27 Oct 2023 16:36

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 67S-TB01



Tgt Ion:152 Resp: 201931  
 Ion Ratio Lower Upper  
 152 100  
 115 58.5 43.3 129.9  
 150 156.9 0.0 345.0

