

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX041624\  
 Data File : VX041116.D  
 Acq On : 16 Apr 2024 19:34  
 Operator : JC/MD  
 Sample : P2113-09 50X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 407

Quant Time: Apr 17 02:15:12 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X041624W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 17 02:04:44 2024  
 Response via : Initial Calibration

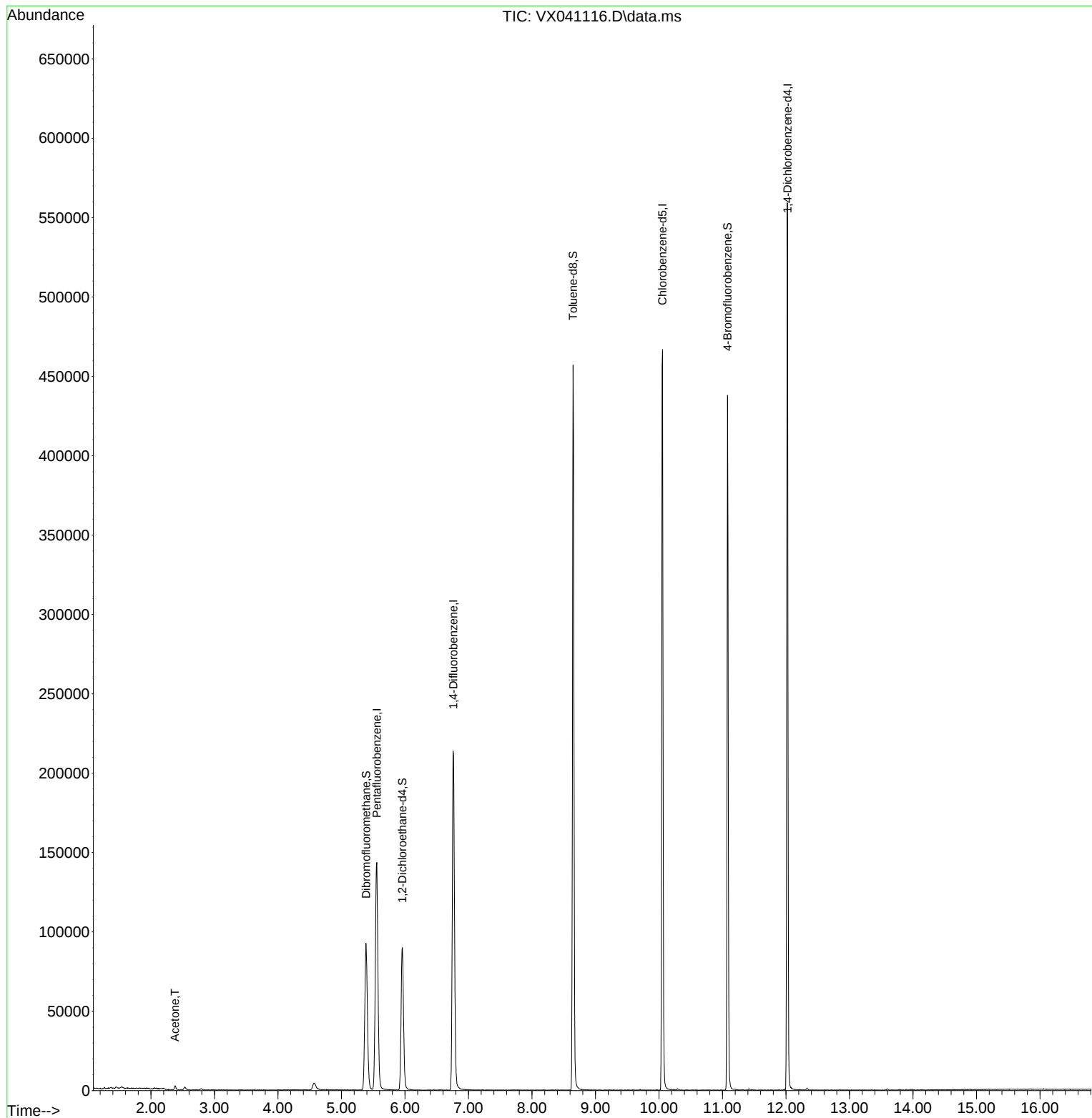
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|-------|-----------|
| -----                       |        |       |          |          |       |           |
| Internal Standards          |        |       |          |          |       |           |
| 1) Pentafluorobenzene       | 5.556  | 168   | 156056   | 50.000   | ug/l  | # 0.00    |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 235618   | 50.000   | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 230849   | 50.000   | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 130410   | 50.000   | ug/l  | 0.00      |
| System Monitoring Compounds |        |       |          |          |       |           |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 89462    | 53.098   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 106.200%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 78528    | 49.892   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 99.780%   |
| 50) Toluene-d8              | 8.647  | 98    | 278919   | 50.591   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 101.180%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 103782   | 49.589   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 99.180%   |
| Target Compounds            |        |       |          |          |       |           |
| 16) Acetone                 | 2.380  | 43    | 2834     | 4.002    | ug/l  | Qvalue 92 |
| -----                       |        |       |          |          |       |           |

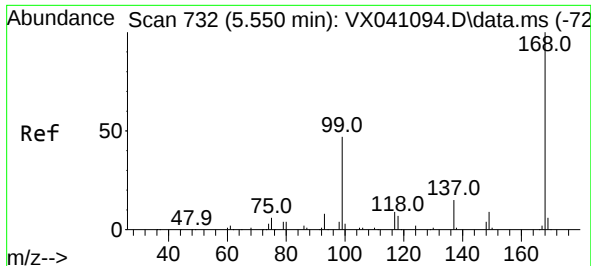
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X041624W.M  
Quant Title : SW846 8260  
QLast Update : Wed Apr 17 02:04:44 2024  
Response via : Initial Calibration





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX041116.D  
Acq: 16 Apr 2024 19:34

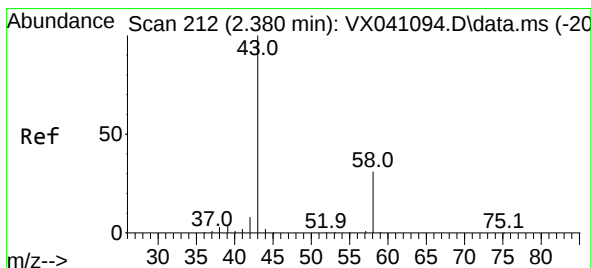
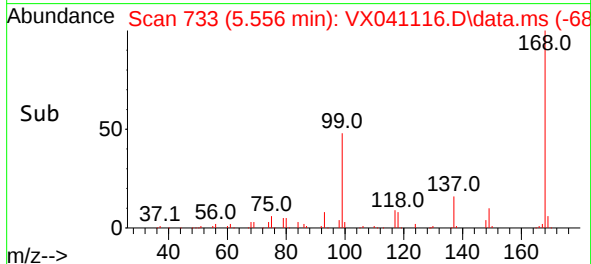
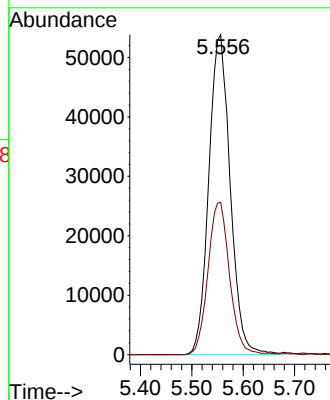
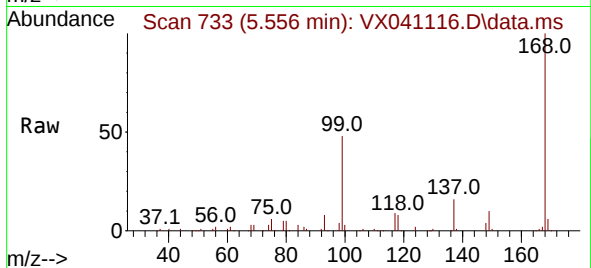
Instrument :

MSVOA\_X

ClientSampleId :

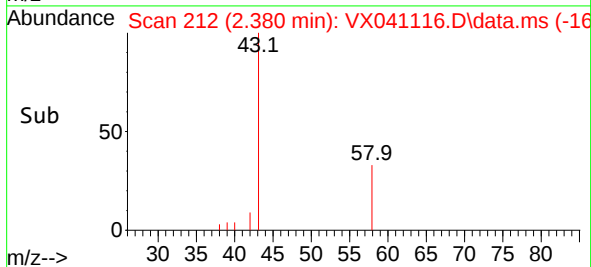
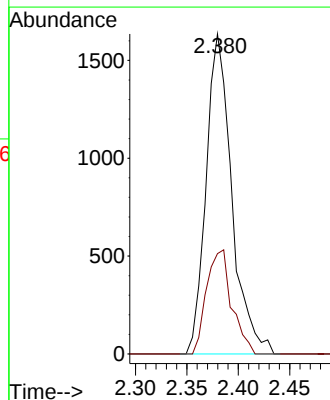
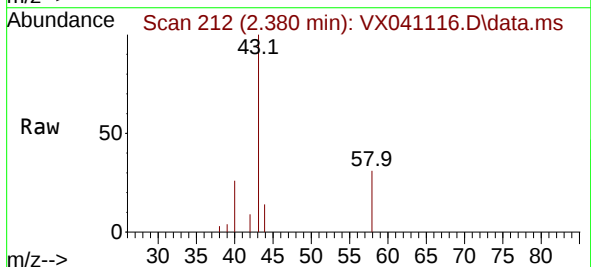
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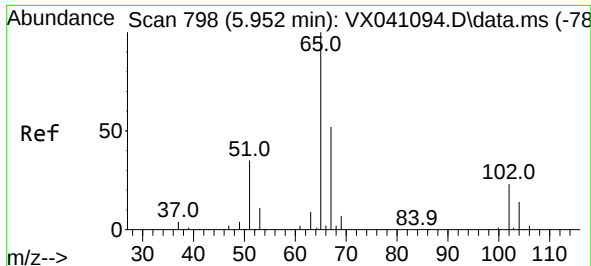
Tgt Ion:168 Resp: 156056  
Ion Ratio Lower Upper  
168 100  
99 47.6 56.6 85.0#



#16  
Acetone  
Concen: 4.002 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.000 min  
Lab File: VX041116.D  
Acq: 16 Apr 2024 19:34

Tgt Ion: 43 Resp: 2834  
Ion Ratio Lower Upper  
43 100  
58 31.4 21.9 32.9





#33

1,2-Dichloroethane-d4

Concen: 53.098 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX041116.D

Acq: 16 Apr 2024 19:34

Instrument :

MSVOA\_X

ClientSampleId :

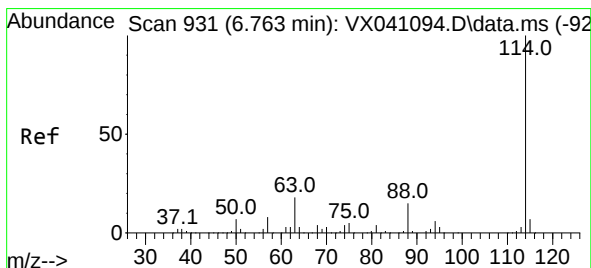
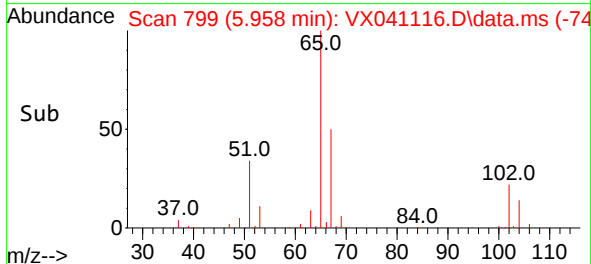
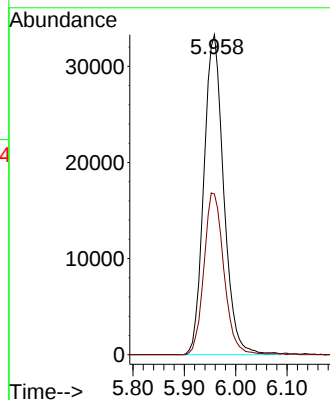
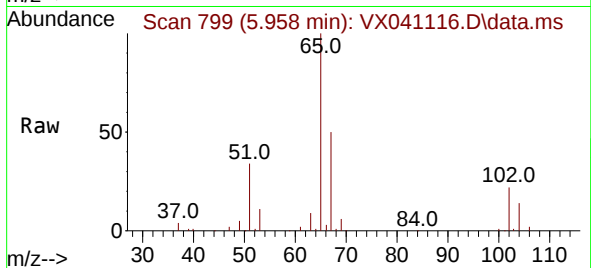
407

Tgt Ion: 65 Resp: 89462

Ion Ratio Lower Upper

65 100

67 50.7 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: VX041116.D

Acq: 16 Apr 2024 19:34

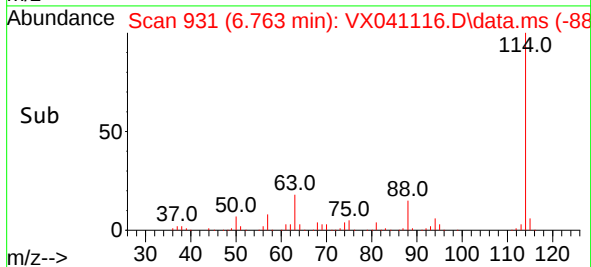
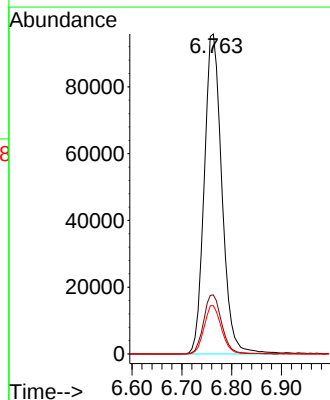
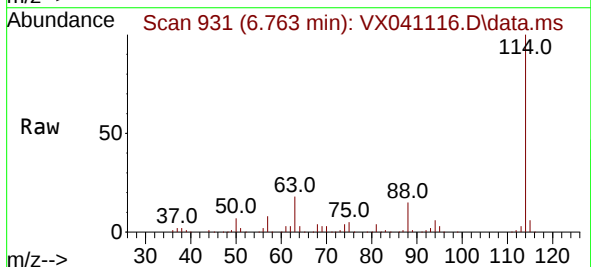
Tgt Ion: 114 Resp: 235618

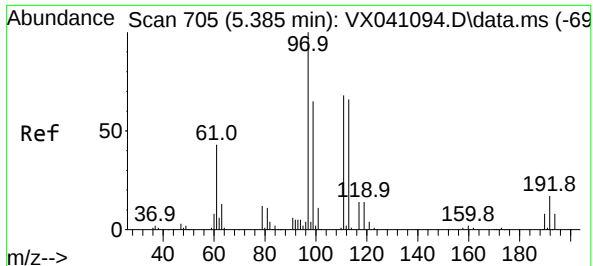
Ion Ratio Lower Upper

114 100

63 18.4 0.0 45.0

88 15.1 0.0 36.6

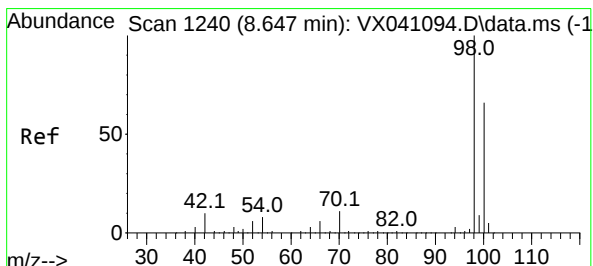
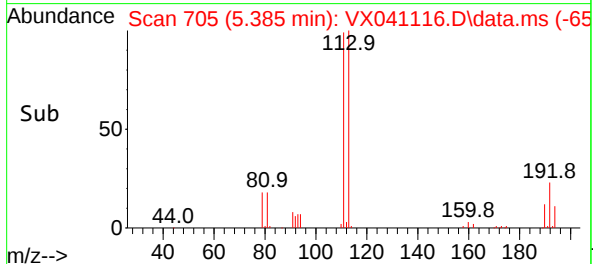
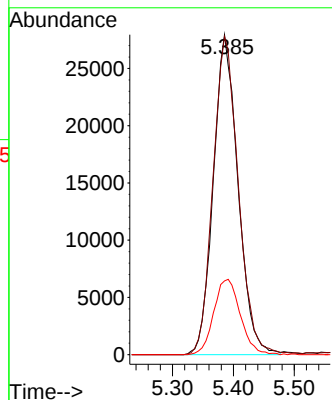
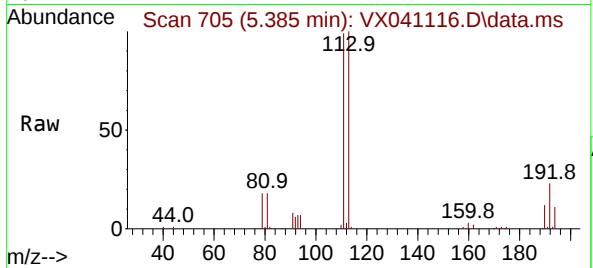




#35  
 Dibromofluoromethane  
 Concen: 49.892 ug/l  
 RT: 5.385 min Scan# 705  
 Delta R.T. 0.000 min  
 Lab File: VX041116.D  
 Acq: 16 Apr 2024 19:34

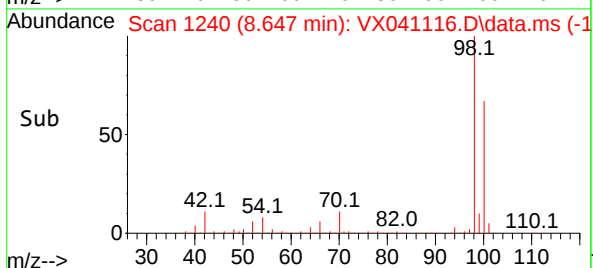
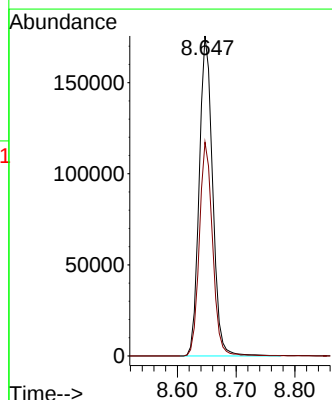
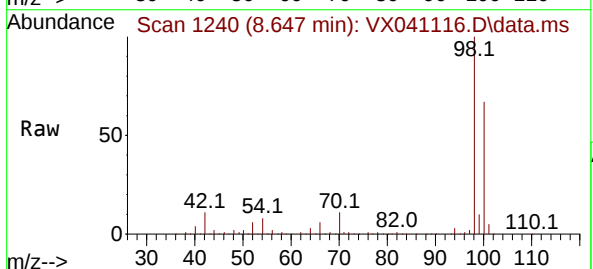
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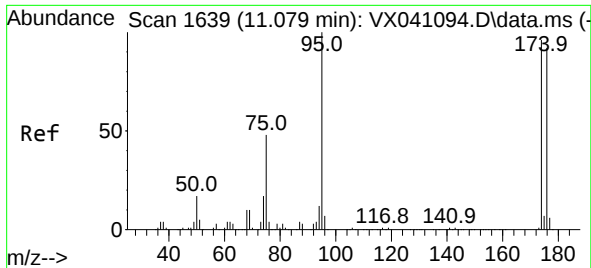
Tgt Ion:113 Resp: 78528  
 Ion Ratio Lower Upper  
 113 100  
 111 102.0 82.9 124.3  
 192 25.4 13.3 19.9#



#50  
 Toluene-d8  
 Concen: 50.591 ug/l  
 RT: 8.647 min Scan# 1240  
 Delta R.T. 0.000 min  
 Lab File: VX041116.D  
 Acq: 16 Apr 2024 19:34

Tgt Ion: 98 Resp: 278919  
 Ion Ratio Lower Upper  
 98 100  
 100 66.0 53.1 79.7

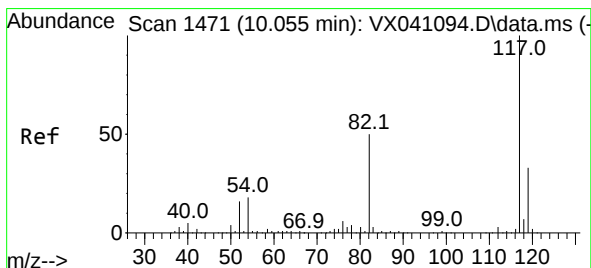
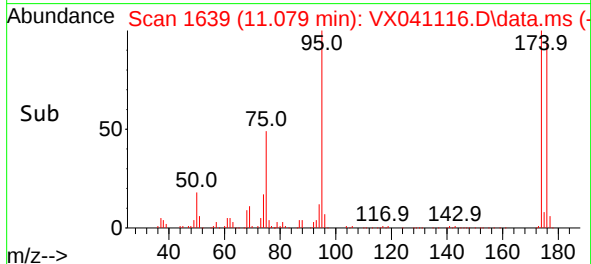
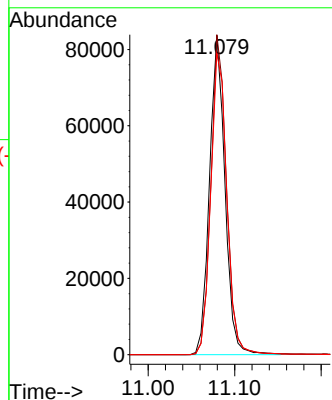
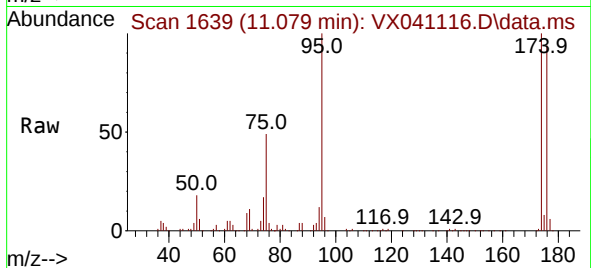




#62  
4-Bromofluorobenzene  
Concen: 49.589 ug/l  
RT: 11.079 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX041116.D  
Acq: 16 Apr 2024 19:34

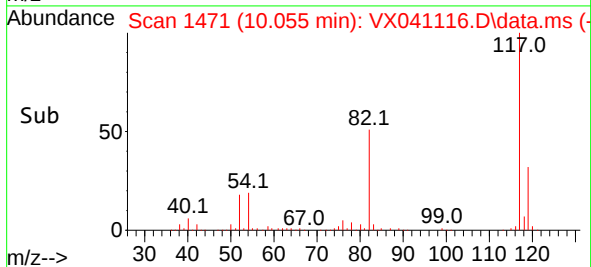
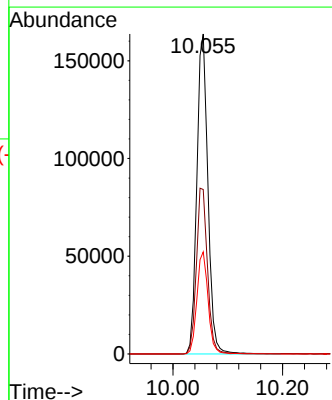
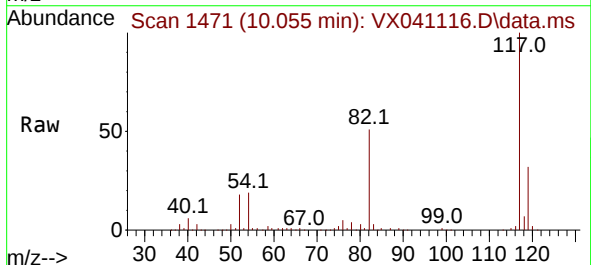
Instrument :  
MSVOA\_X  
ClientSampleId :  
407

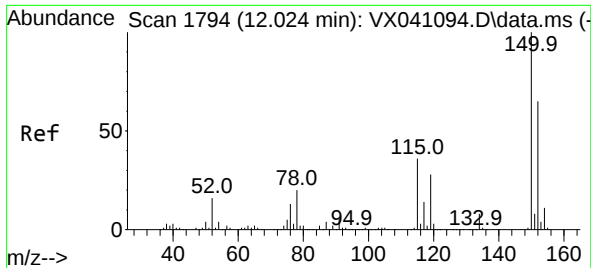
Tgt Ion: 95 Resp: 103782  
Ion Ratio Lower Upper  
95 100  
174 101.4 0.0 135.6  
176 98.4 0.0 131.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX041116.D  
Acq: 16 Apr 2024 19:34

Tgt Ion: 117 Resp: 230849  
Ion Ratio Lower Upper  
117 100  
82 51.4 46.2 69.4  
119 31.9 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: VX041116.D

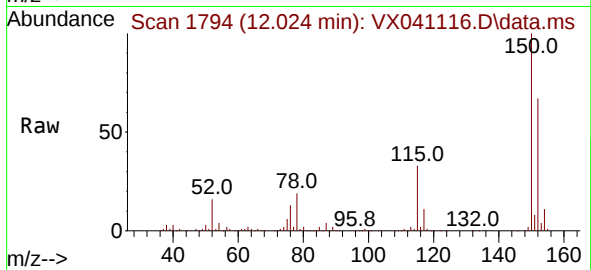
Acq: 16 Apr 2024 19:34

Instrument :

MSVOA\_X

ClientSampleId :

407



Tgt Ion:152 Resp: 130410

Ion Ratio Lower Upper

152 100

115 51.8 43.3 129.9

150 152.7 0.0 345.0

