

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100722\  
 Data File : VX031985.D  
 Acq On : 08 Oct 2022 01:56  
 Operator : JC/MD  
 Sample : N4937-09  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-116

Quant Time: Oct 08 06:34:49 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100622W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 06 14:28:46 2022  
 Response via : Initial Calibration

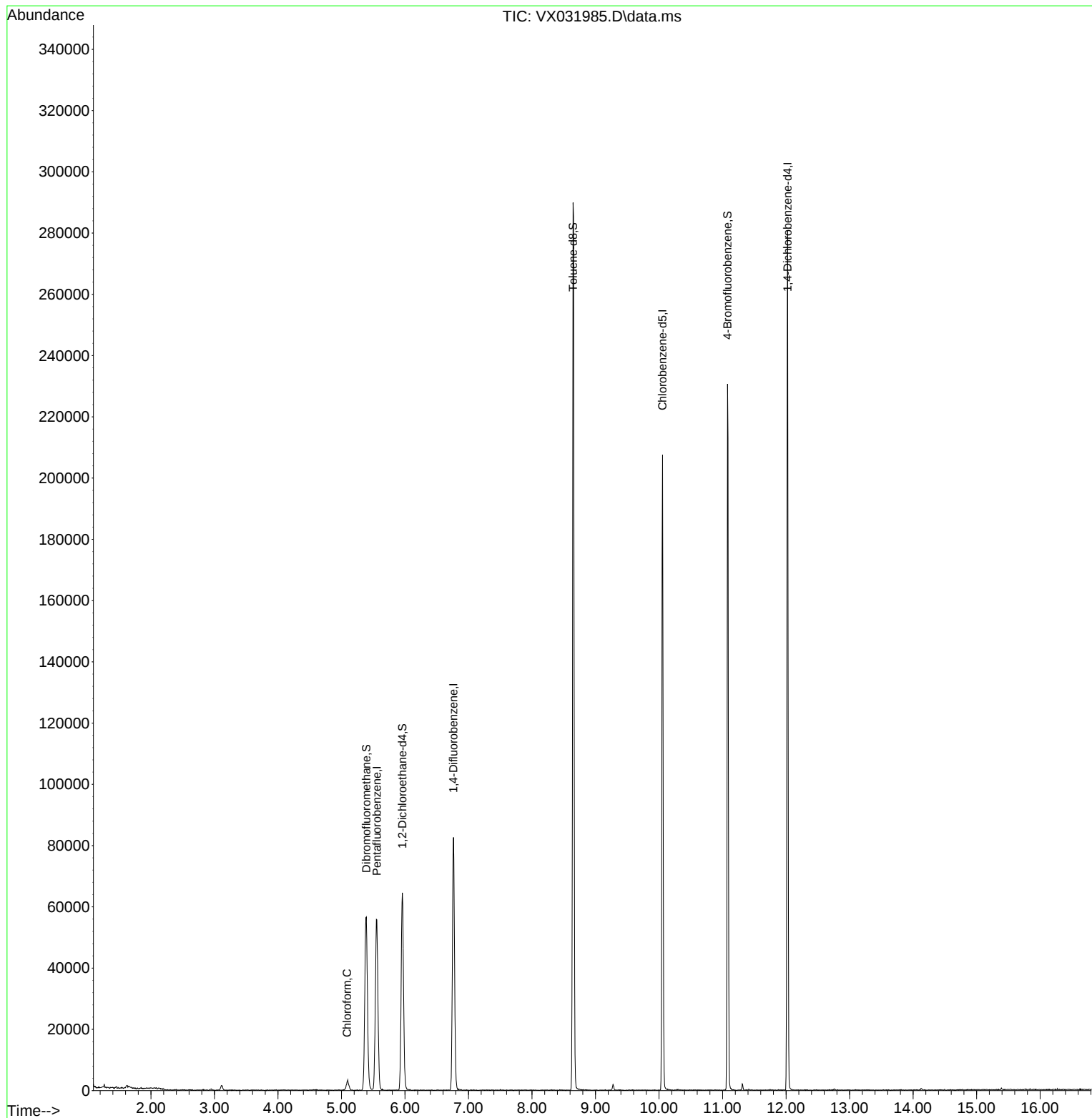
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|-------|-----------|
| -----                       |        |       |          |          |       |           |
| Internal Standards          |        |       |          |          |       |           |
| 1) Pentafluorobenzene       | 5.556  | 168   | 52515    | 50.000   | ug/l  | 0.00      |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 85122    | 50.000   | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 91565    | 50.000   | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 56431    | 50.000   | ug/l  | 0.00      |
| System Monitoring Compounds |        |       |          |          |       |           |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 59922    | 55.251   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =     | 110.500%  |
| 35) Dibromofluoromethane    | 5.391  | 113   | 48818    | 50.666   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 101.340%  |
| 50) Toluene-d8              | 8.647  | 98    | 173181   | 49.949   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =     | 99.900%   |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 59050    | 48.176   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 96.360%   |
| Target Compounds            |        |       |          |          |       |           |
| 30) Chloroform              | 5.087  | 83    | 3730     | 2.183    | ug/l  | Qvalue 95 |
| -----                       |        |       |          |          |       |           |

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

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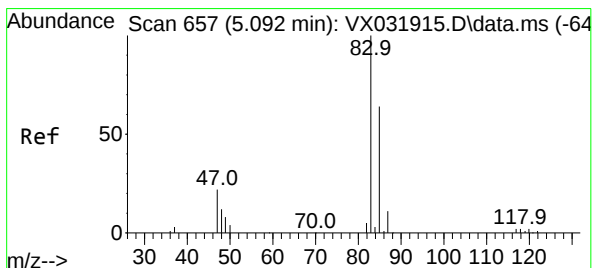
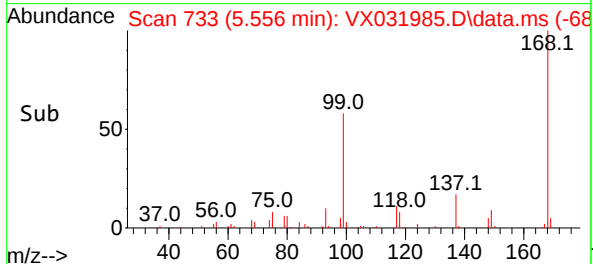
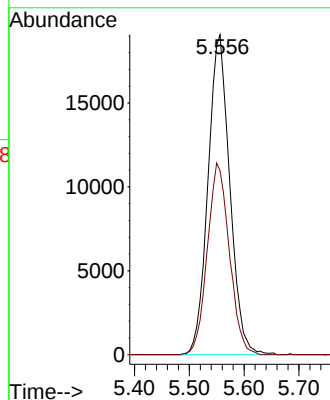
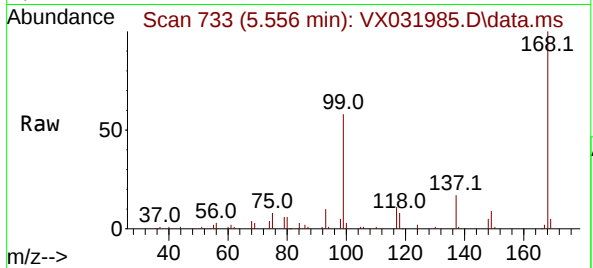




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX031985.D  
Acq: 08 Oct 2022 01:56

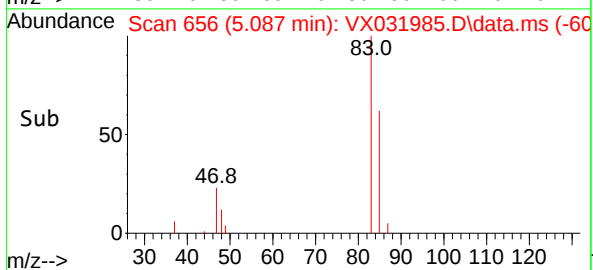
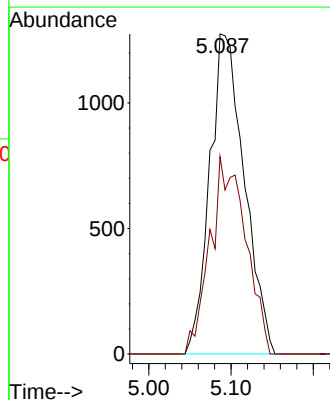
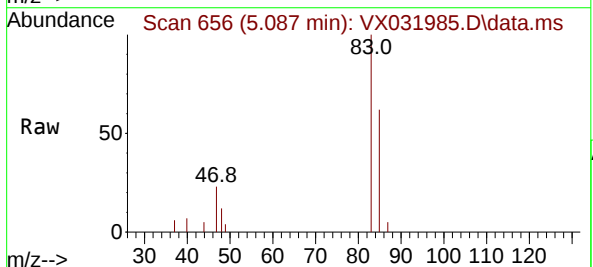
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-116

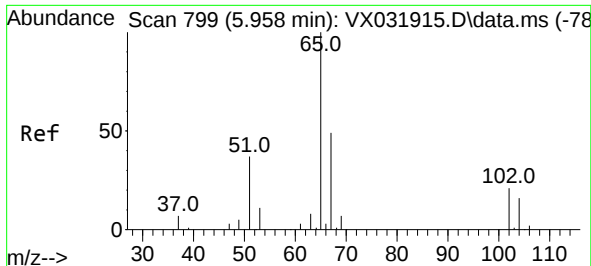
Tgt Ion:168 Resp: 52515  
Ion Ratio Lower Upper  
168 100  
99 57.5 48.8 73.2



#30  
Chloroform  
Concen: 2.183 ug/l  
RT: 5.087 min Scan# 656  
Delta R.T. -0.005 min  
Lab File: VX031985.D  
Acq: 08 Oct 2022 01:56

Tgt Ion: 83 Resp: 3730  
Ion Ratio Lower Upper  
83 100  
85 61.6 52.8 79.2





#33

1,2-Dichloroethane-d4

Concen: 55.251 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031985.D

Acq: 08 Oct 2022 01:56

Instrument :

MSVOA\_X

ClientSampleId :

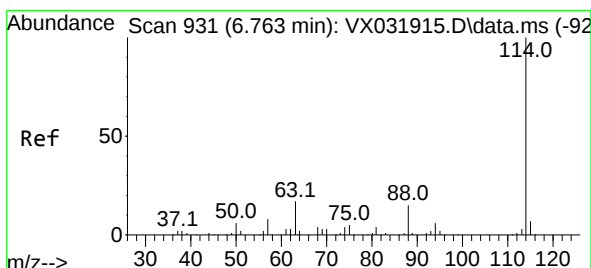
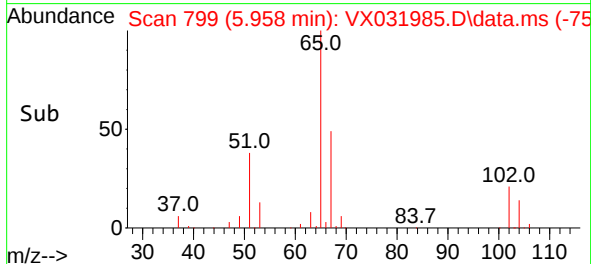
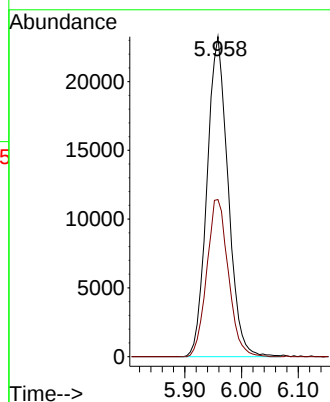
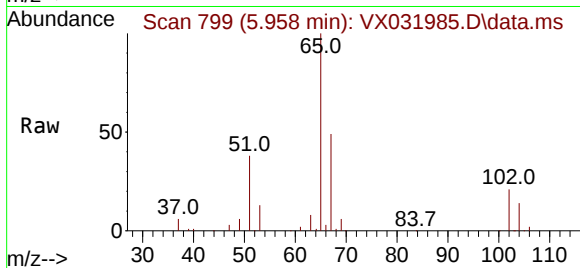
MW-116

Tgt Ion: 65 Resp: 59922

Ion Ratio Lower Upper

65 100

67 50.3 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031985.D

Acq: 08 Oct 2022 01:56

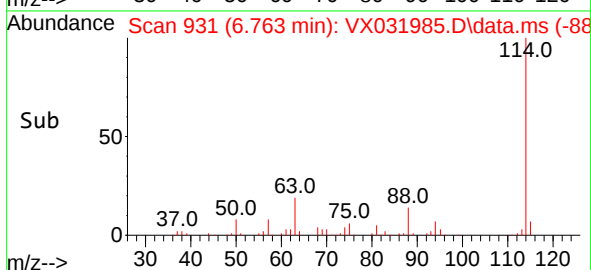
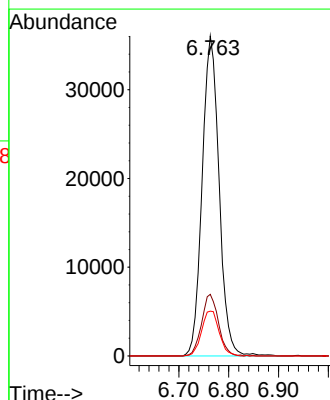
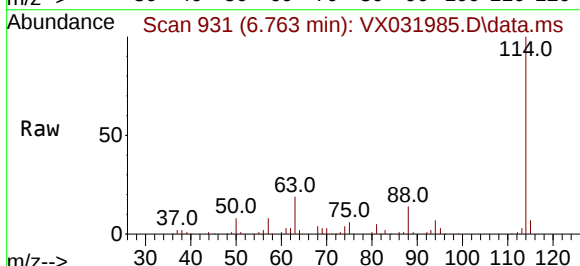
Tgt Ion: 114 Resp: 85122

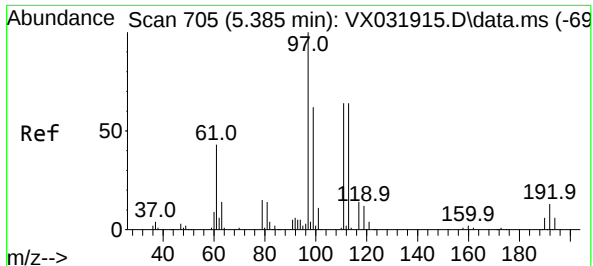
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.6

88 14.0 0.0 33.0

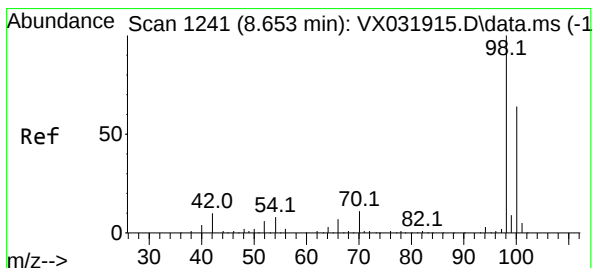
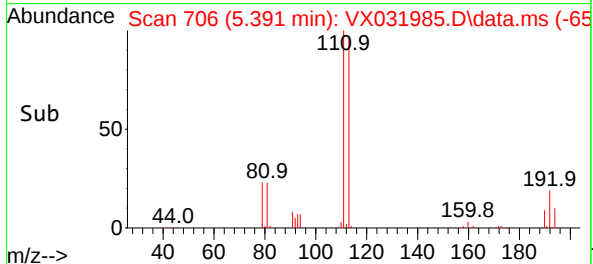
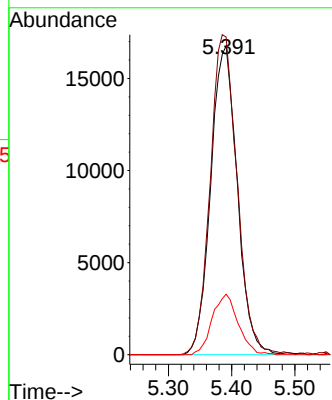
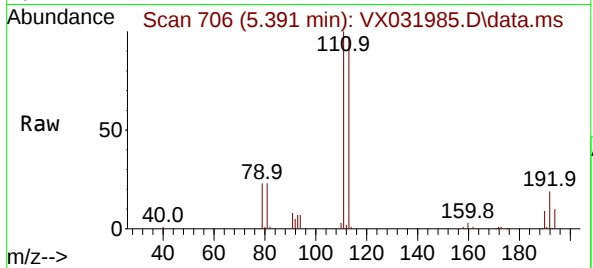




#35  
Dibromofluoromethane  
Concen: 50.666 ug/l  
RT: 5.391 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX031985.D  
Acq: 08 Oct 2022 01:56

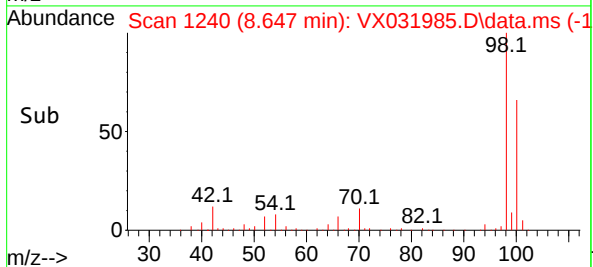
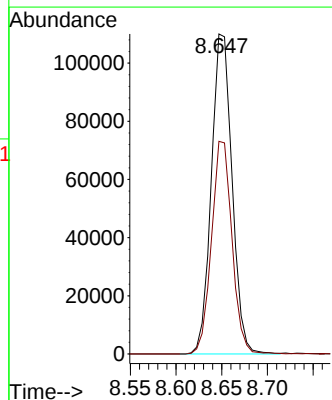
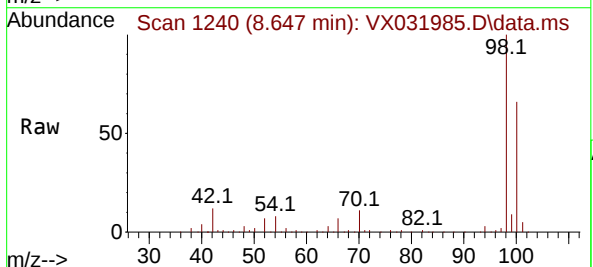
Instrument :  
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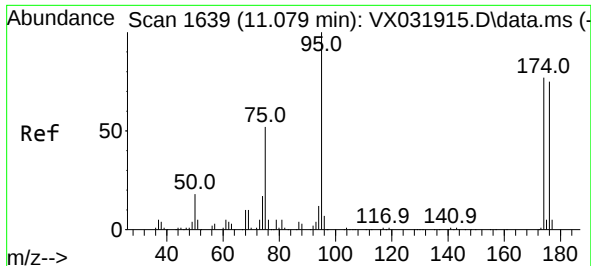
Tgt Ion:113 Resp: 48818  
Ion Ratio Lower Upper  
113 100  
111 104.9 82.4 123.6  
192 19.2 14.1 21.1



#50  
Toluene-d8  
Concen: 49.949 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.006 min  
Lab File: VX031985.D  
Acq: 08 Oct 2022 01:56

Tgt Ion: 98 Resp: 173181  
Ion Ratio Lower Upper  
98 100  
100 65.8 52.5 78.7

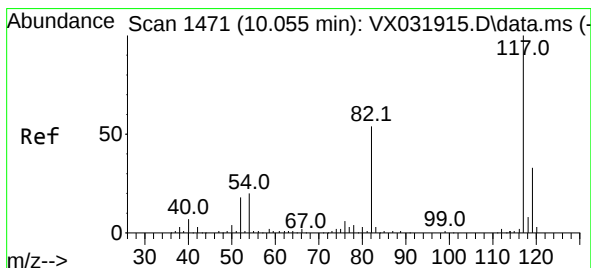
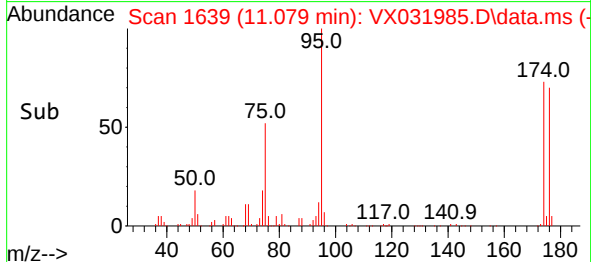
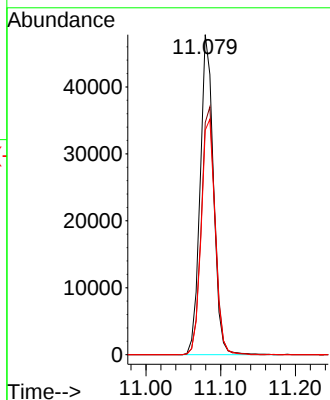
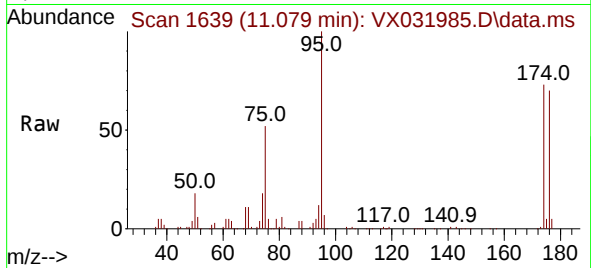




#62  
4-Bromofluorobenzene  
Concen: 48.176 ug/l  
RT: 11.079 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX031985.D  
Acq: 08 Oct 2022 01:56

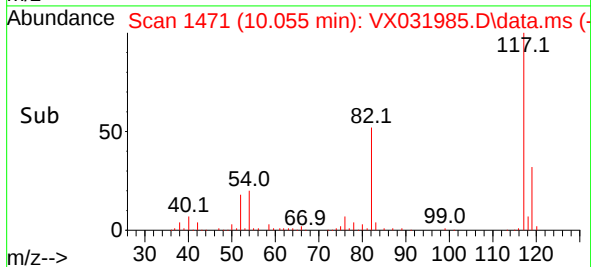
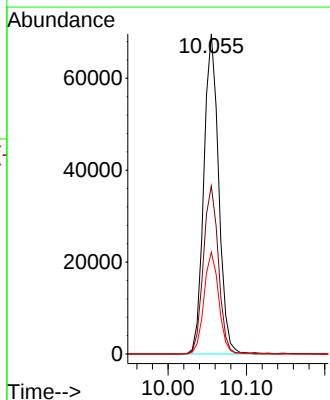
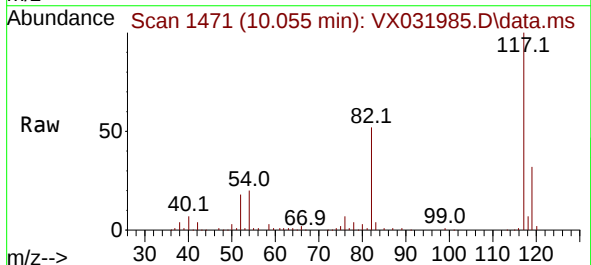
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MSVOA\_X  
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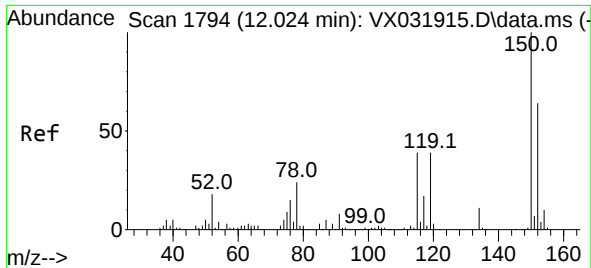
Tgt Ion: 95 Resp: 59050  
Ion Ratio Lower Upper  
95 100  
174 80.8 0.0 153.2  
176 77.6 0.0 144.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX031985.D  
Acq: 08 Oct 2022 01:56

Tgt Ion: 117 Resp: 91565  
Ion Ratio Lower Upper  
117 100  
82 52.5 46.8 70.2  
119 31.8 26.4 39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX031985.D

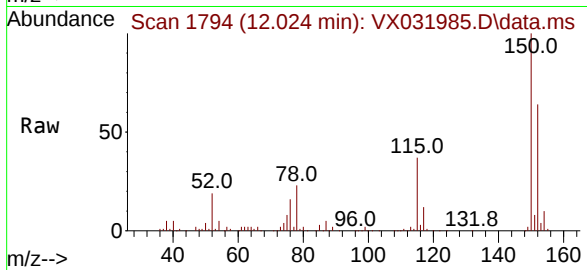
Acq: 08 Oct 2022 01:56

Instrument :

MSVOA\_X

ClientSampleId :

MW-116



Tgt Ion:152 Resp: 56431

Ion Ratio Lower Upper

152 100

115 59.4 43.4 130.1

150 156.9 0.0 346.8

