

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX020922\  
 Data File : VX026879.D  
 Acq On : 09 Feb 2022 19:16  
 Operator : JC/MD  
 Sample : N1446-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-108

Quant Time: Feb 10 01:09:46 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X020822W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 08 07:07:46 2022  
 Response via : Initial Calibration

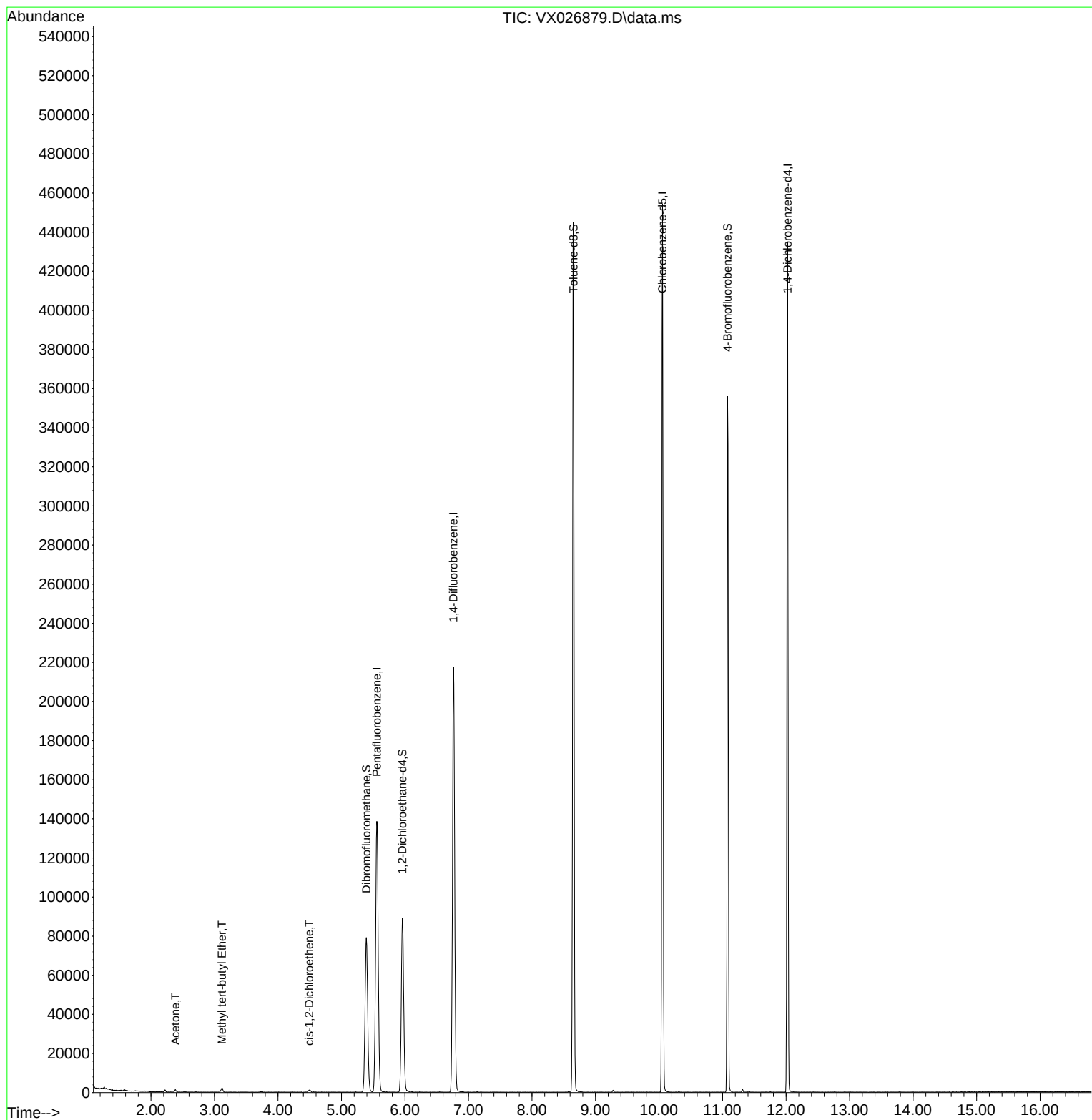
| Compound                    | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|------------|----------|
| -----                       |           |       |          |          |            |          |
| Internal Standards          |           |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.556     | 168   | 132969   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763     | 114   | 224425   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.055    | 117   | 204331   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024    | 152   | 89299    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.958     | 65    | 86637    | 54.278   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 78 - 117 | Recovery | = 108.560% |          |
| 35) Dibromofluoromethane    | 5.391     | 113   | 69857    | 52.246   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | = 104.500% |          |
| 50) Toluene-d8              | 8.653     | 98    | 264864   | 53.965   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 92 - 112 | Recovery | = 107.940% |          |
| 62) 4-Bromofluorobenzene    | 11.079    | 95    | 98841    | 57.201   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 83 - 123 | Recovery | = 114.400% |          |
| Target Compounds            |           |       |          |          |            |          |
|                             |           |       |          |          | Qvalue     |          |
| 16) Acetone                 | 2.386     | 43    | 1453     | 2.073    | ug/l       | 93       |
| 19) Methyl tert-butyl Ether | 3.117     | 73    | 2411     | 0.501    | ug/l       | 94       |
| 27) cis-1,2-Dichloroethene  | 4.489     | 96    | 750      | 0.456    | ug/l       | 93       |
| -----                       |           |       |          |          |            |          |

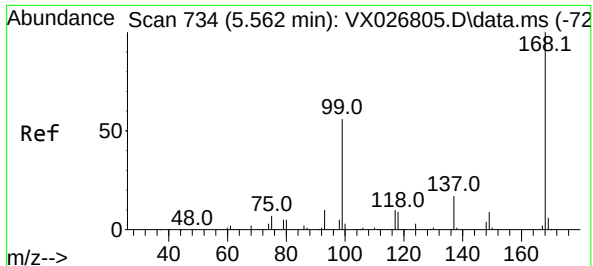
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X020822W.M  
Quant Title : SW846 8260  
QLast Update : Tue Feb 08 07:07:46 2022  
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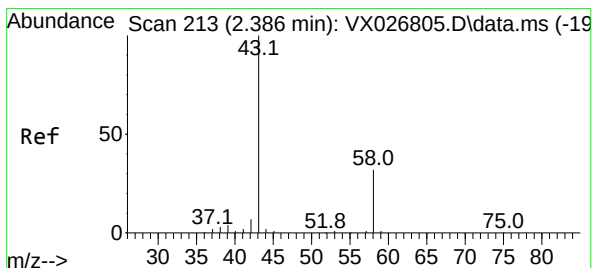
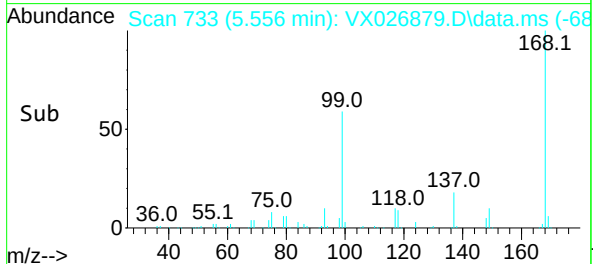
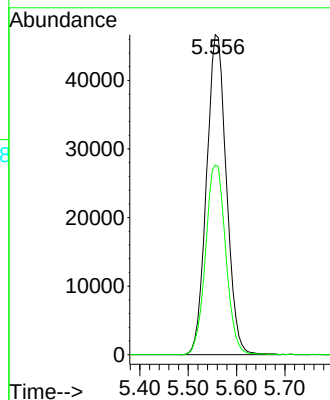
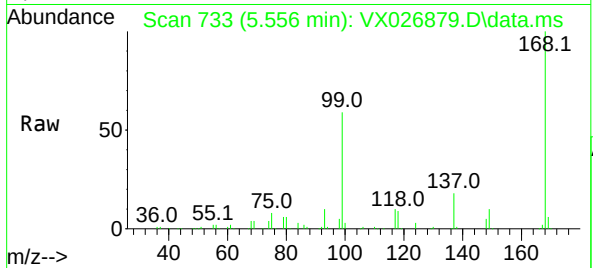




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX026879.D  
Acq: 09 Feb 2022 19:16

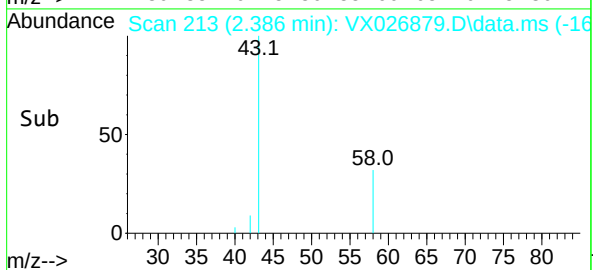
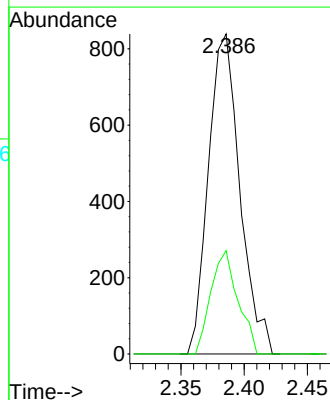
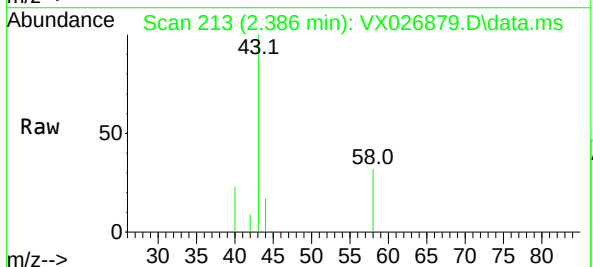
Instrument :  
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ClientSampleId :  
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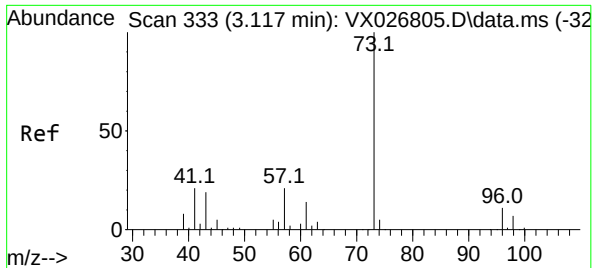
Tgt Ion:168 Resp: 132969  
Ion Ratio Lower Upper  
168 100  
99 59.3 50.3 75.5



#16  
Acetone  
Concen: 2.073 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. 0.000 min  
Lab File: VX026879.D  
Acq: 09 Feb 2022 19:16

Tgt Ion: 43 Resp: 1453  
Ion Ratio Lower Upper  
43 100  
58 32.3 23.0 34.6

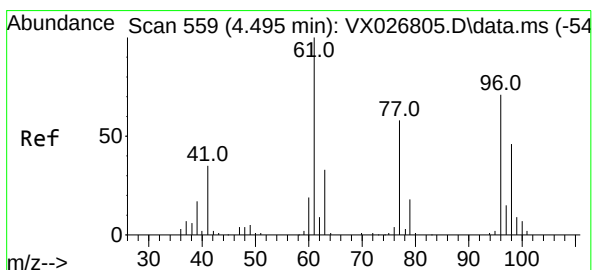
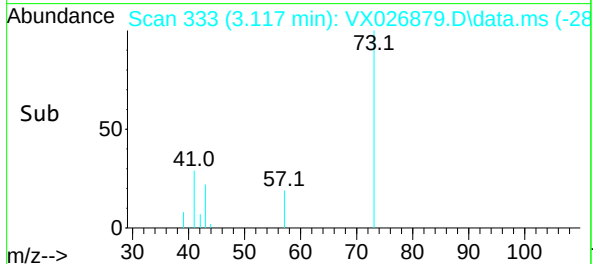
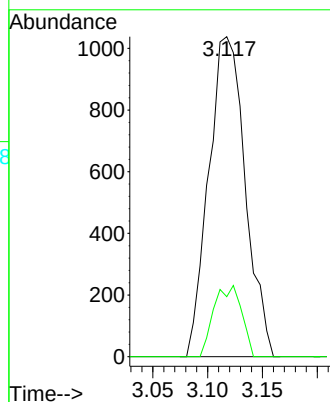
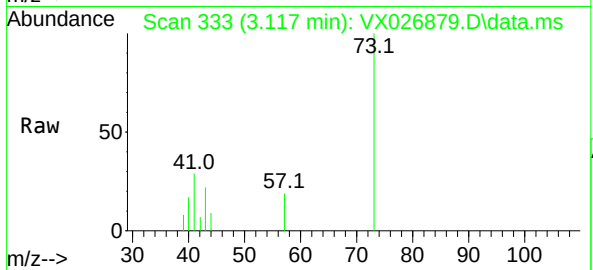




#19  
Methyl tert-butyl Ether  
Concen: 0.501 ug/l  
RT: 3.117 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX026879.D  
Acq: 09 Feb 2022 19:16

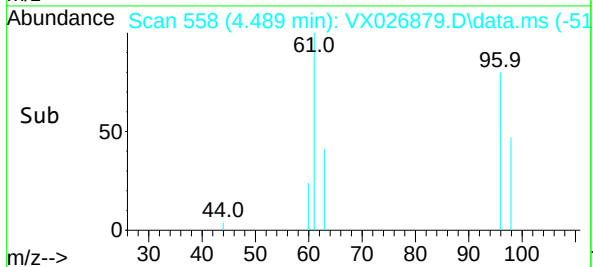
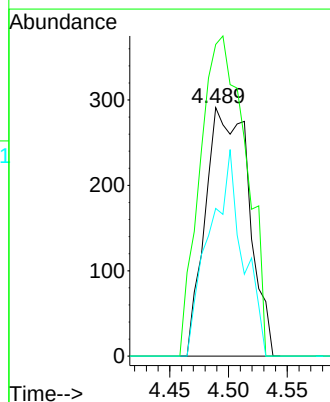
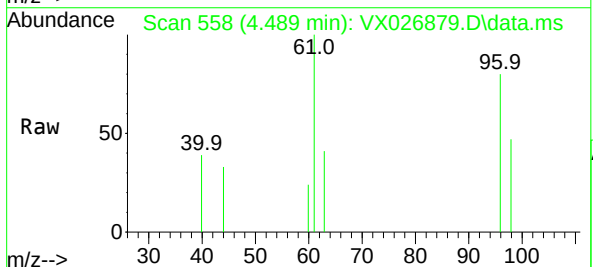
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ClientSampleId :  
MW-108

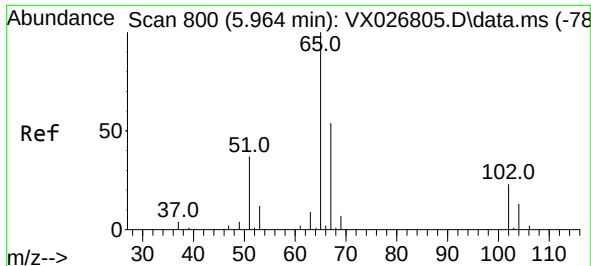
Tgt Ion: 73 Resp: 2411  
Ion Ratio Lower Upper  
73 100  
57 18.8 17.4 26.2



#27  
cis-1,2-Dichloroethene  
Concen: 0.456 ug/l  
RT: 4.489 min Scan# 558  
Delta R.T. -0.006 min  
Lab File: VX026879.D  
Acq: 09 Feb 2022 19:16

Tgt Ion: 96 Resp: 750  
Ion Ratio Lower Upper  
96 100  
61 135.9 0.0 296.6  
98 64.1 0.0 128.8





#33

1,2-Dichloroethane-d4

Concen: 54.278 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026879.D

Acq: 09 Feb 2022 19:16

Instrument :

MSVOA\_X

ClientSampleId :

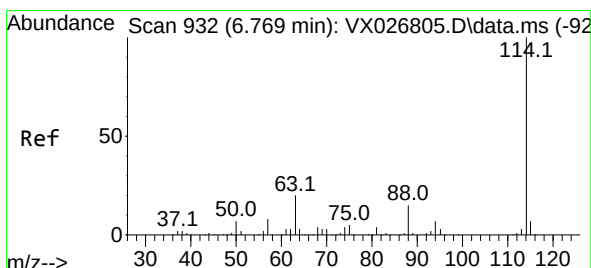
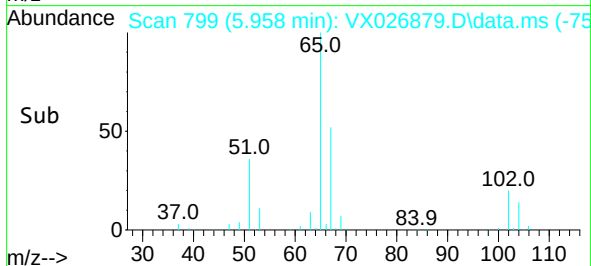
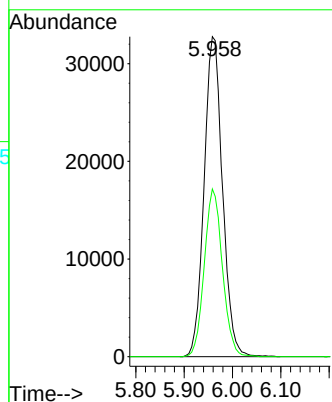
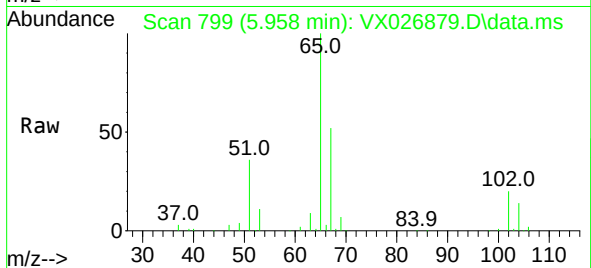
MW-108

Tgt Ion: 65 Resp: 86637

Ion Ratio Lower Upper

65 100

67 51.6 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX026879.D

Acq: 09 Feb 2022 19:16

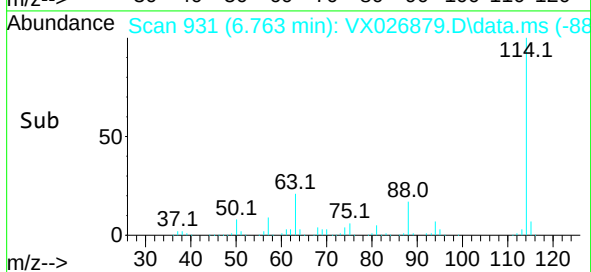
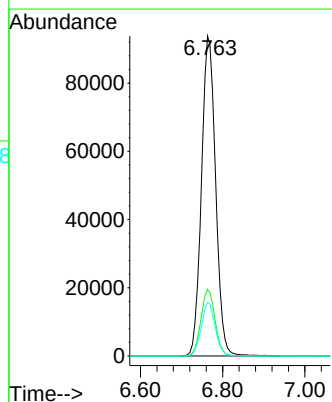
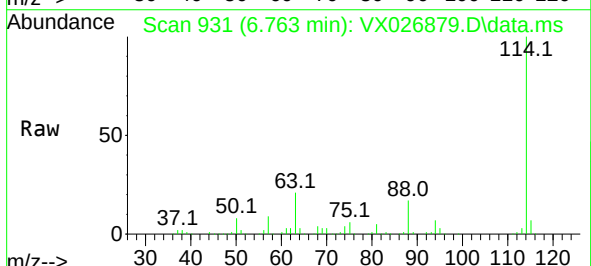
Tgt Ion: 114 Resp: 224425

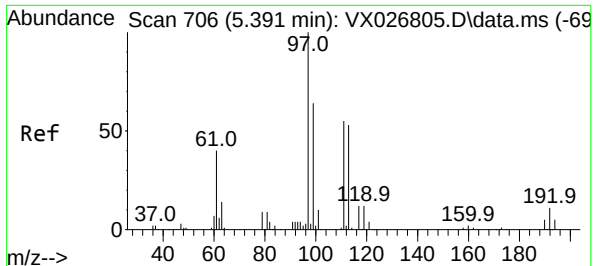
Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.8

88 16.6 0.0 33.0





#35

Dibromofluoromethane

Concen: 52.246 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026879.D

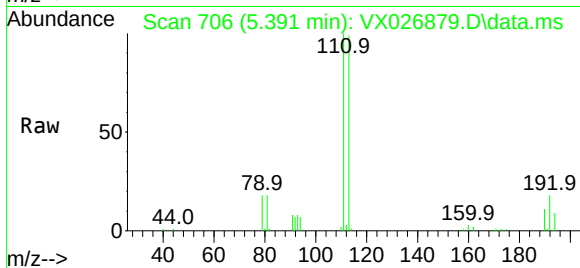
Acq: 09 Feb 2022 19:16

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MW-108



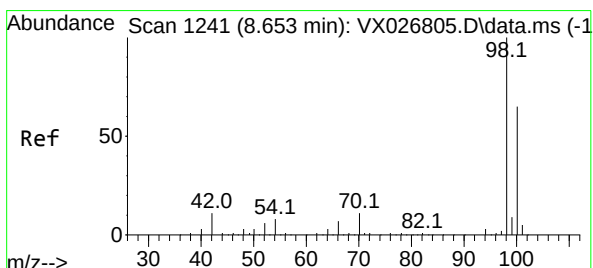
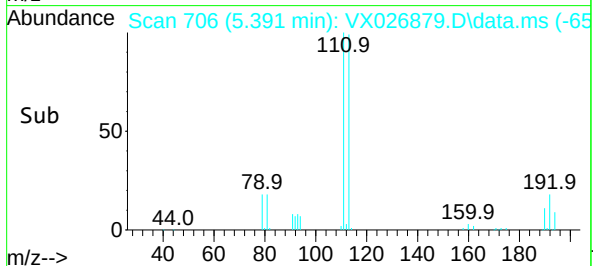
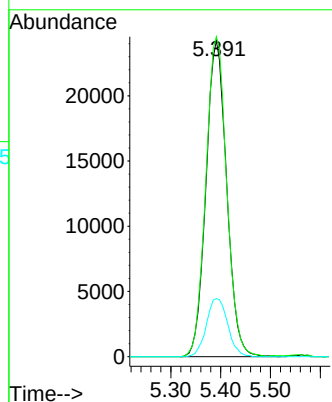
Tgt Ion:113 Resp: 69857

Ion Ratio Lower Upper

113 100

111 102.3 81.2 121.8

192 19.0 15.0 22.4



#50

Toluene-d8

Concen: 53.965 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX026879.D

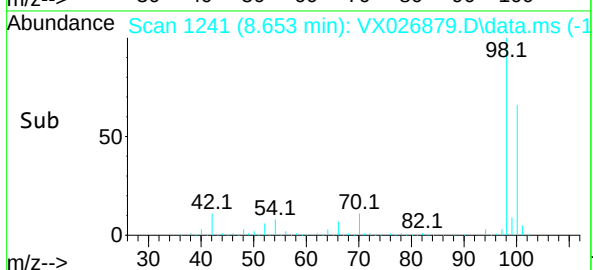
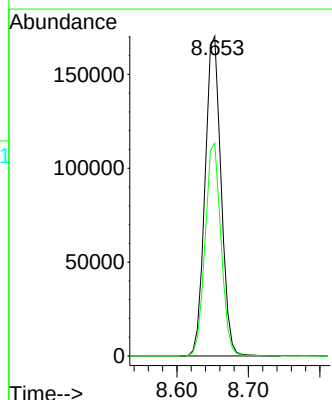
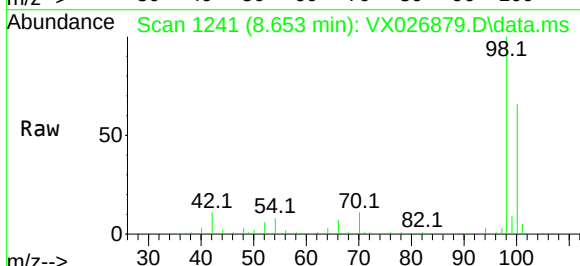
Acq: 09 Feb 2022 19:16

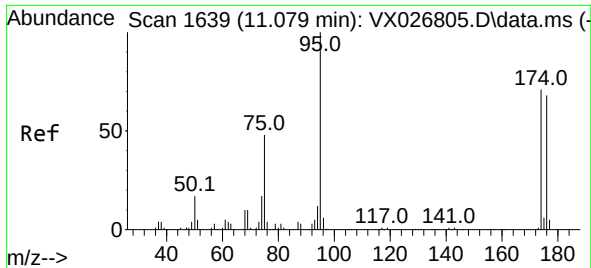
Tgt Ion: 98 Resp: 264864

Ion Ratio Lower Upper

98 100

100 66.2 53.2 79.8

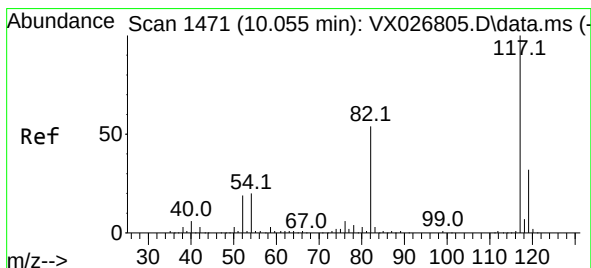
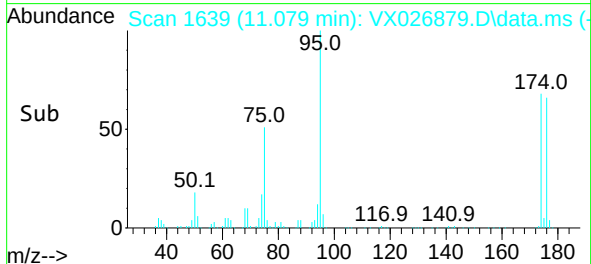
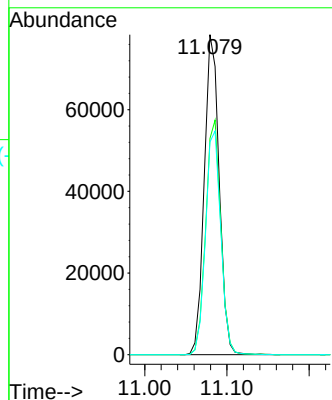
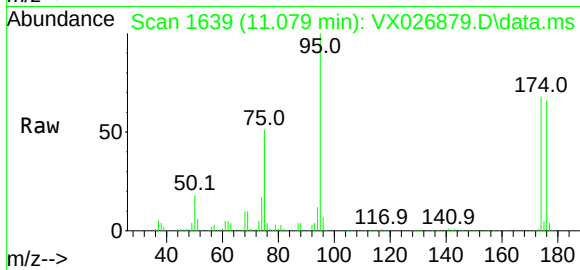




#62  
4-Bromofluorobenzene  
Concen: 57.201 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX026879.D  
Acq: 09 Feb 2022 19:16

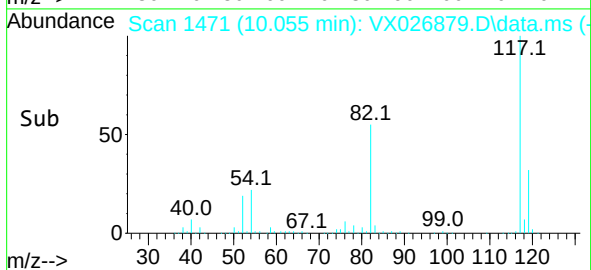
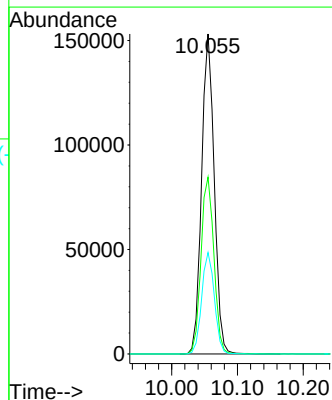
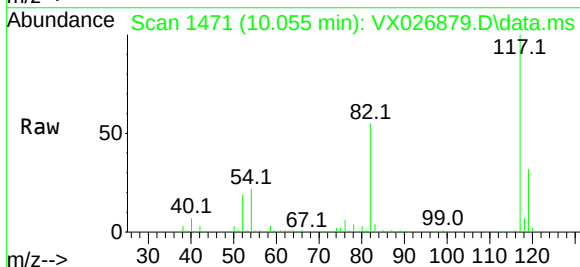
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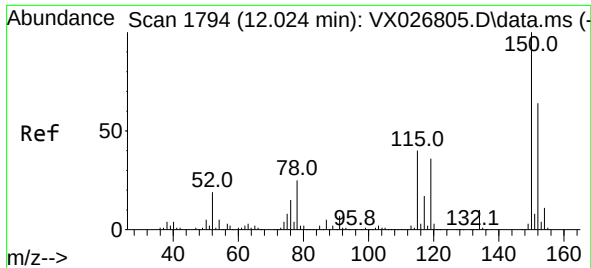
Tgt Ion: 95 Resp: 98841  
Ion Ratio Lower Upper  
95 100  
174 74.1 0.0 148.6  
176 71.6 0.0 141.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX026879.D  
Acq: 09 Feb 2022 19:16

Tgt Ion: 117 Resp: 204331  
Ion Ratio Lower Upper  
117 100  
82 55.3 45.2 67.8  
119 31.7 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX026879.D

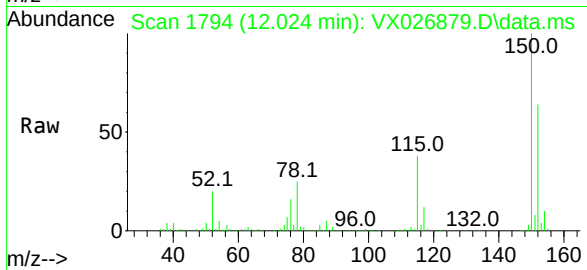
Acq: 09 Feb 2022 19:16

Instrument :

MSVOA\_X

ClientSampleId :

MW-108



Tgt Ion:152 Resp: 89299

Ion Ratio Lower Upper

152 100

115 60.9 44.2 132.6

150 156.2 0.0 348.2

