

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX020922\  
 Data File : VX026903.D  
 Acq On : 10 Feb 2022 05:38  
 Operator : JC/MD  
 Sample : N1447-05  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-139B

Quant Time: Feb 10 07:30:42 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

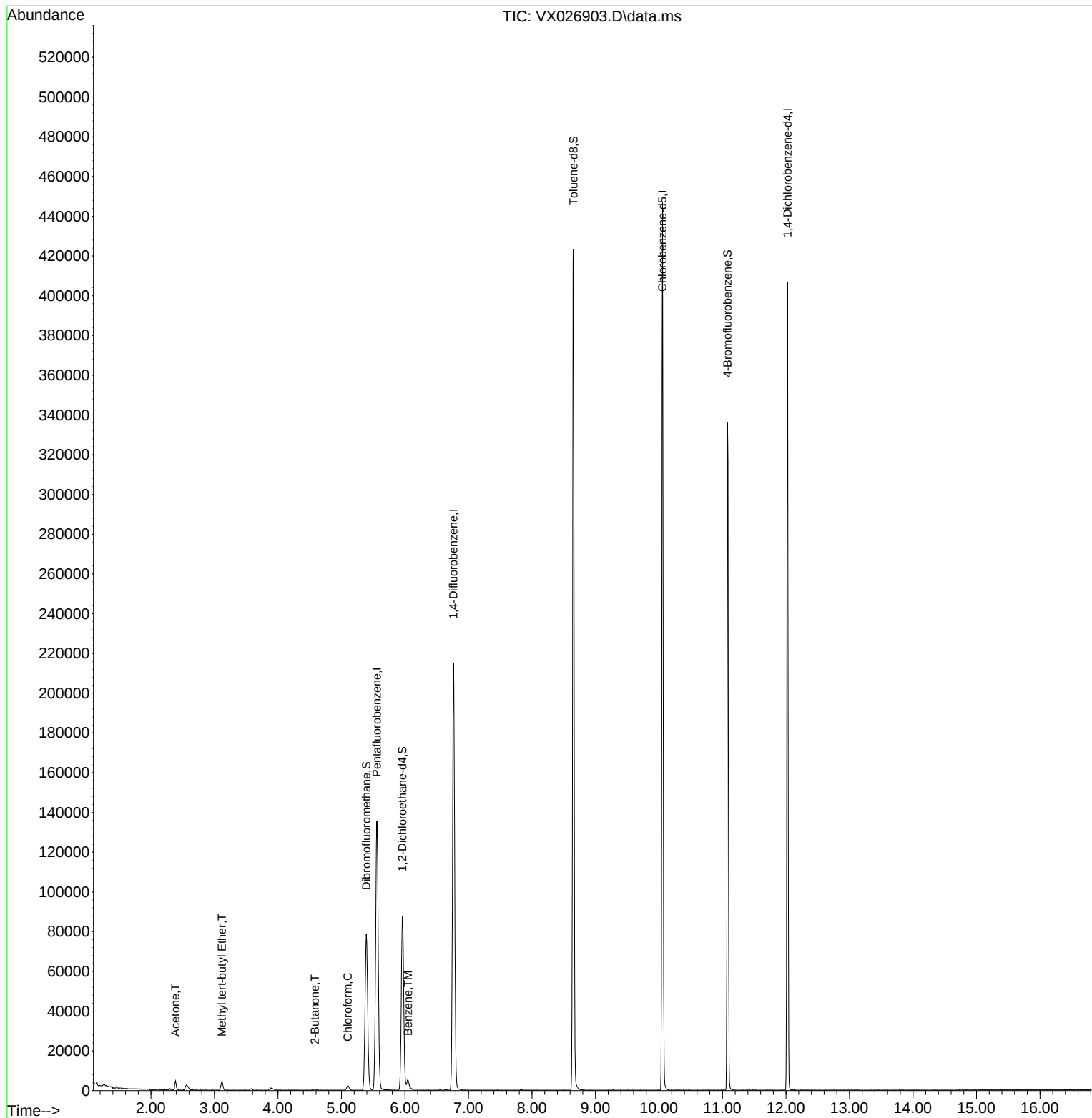
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 127632   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 218751   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 199462   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 83904    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 85394    | 55.737   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 111.480% |          |
| 35) Dibromofluoromethane    | 5.391  | 113   | 69433    | 53.276   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 106.560% |          |
| 50) Toluene-d8              | 8.653  | 98    | 256888   | 53.698   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 107.400% |          |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 94241    | 55.954   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 111.900% |          |
| Target Compounds            |        |       |          |          |            |          |
|                             |        |       |          |          | Qvalue     |          |
| 16) Acetone                 | 2.386  | 43    | 5273     | 7.836    | ug/l       | 97       |
| 19) Methyl tert-butyl Ether | 3.117  | 73    | 4947     | 1.070    | ug/l #     | 90       |
| 25) 2-Butanone              | 4.581  | 43    | 1051     | 0.969    | ug/l       | 99       |
| 30) Chloroform              | 5.099  | 83    | 2931     | 1.119    | ug/l       | 94       |
| 40) Benzene                 | 6.050  | 78    | 6094     | 1.017    | ug/l       | 100      |
| -----                       |        |       |          |          |            |          |

(#) = 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  
Response via : Initial Calibration

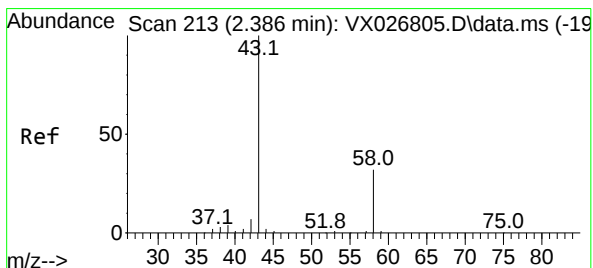
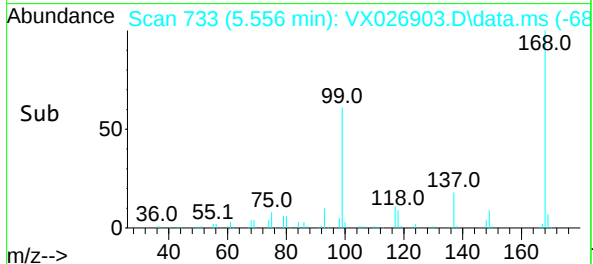
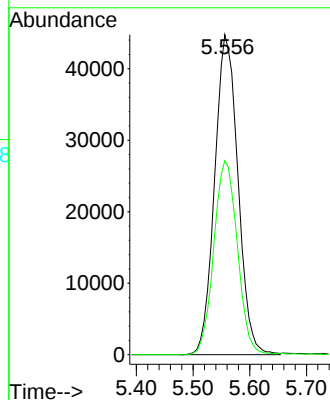
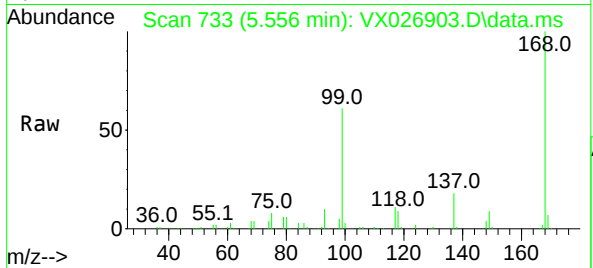




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX026903.D  
Acq: 10 Feb 2022 05:38

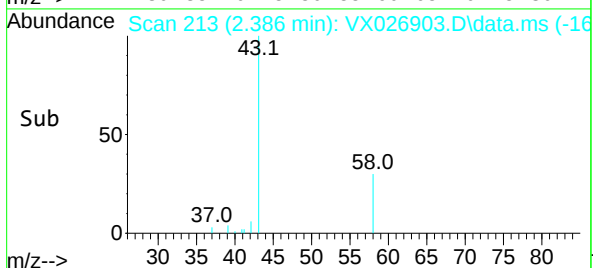
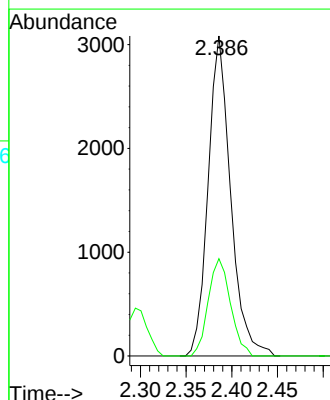
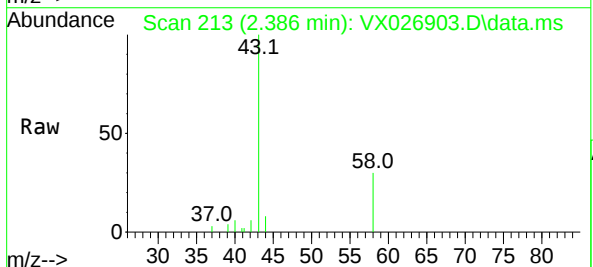
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MSVOA\_X  
ClientSampleId :  
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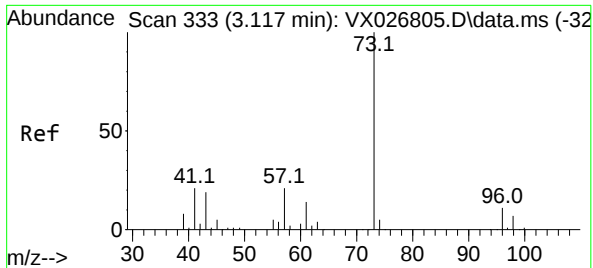
Tgt Ion:168 Resp: 127632  
Ion Ratio Lower Upper  
168 100  
99 60.7 50.3 75.5



#16  
Acetone  
Concen: 7.836 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. 0.000 min  
Lab File: VX026903.D  
Acq: 10 Feb 2022 05:38

Tgt Ion: 43 Resp: 5273  
Ion Ratio Lower Upper  
43 100  
58 30.4 23.0 34.6

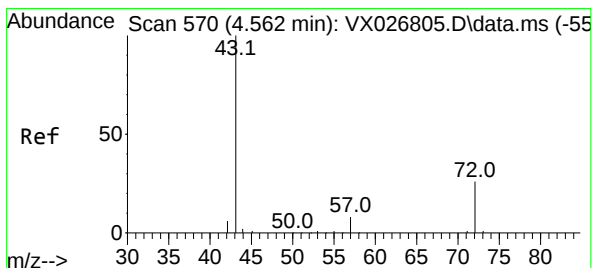
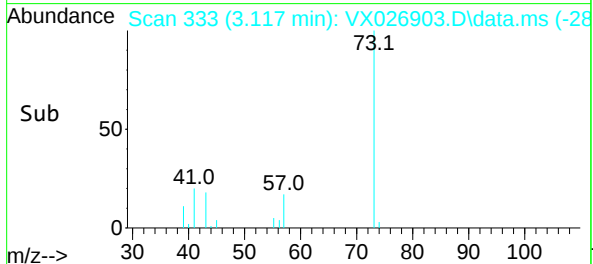
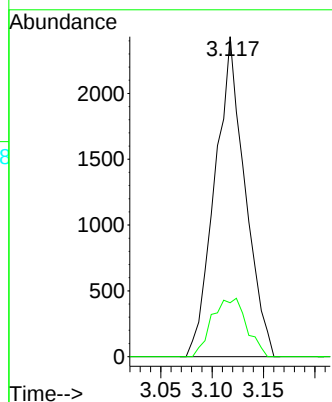
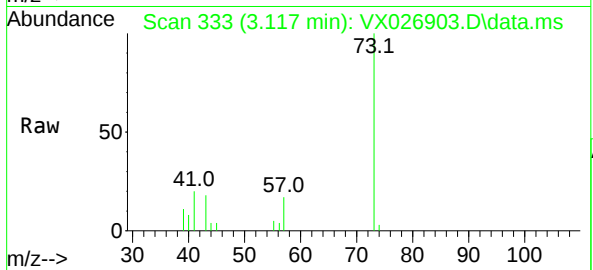




#19  
Methyl tert-butyl Ether  
Concen: 1.070 ug/l  
RT: 3.117 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX026903.D  
Acq: 10 Feb 2022 05:38

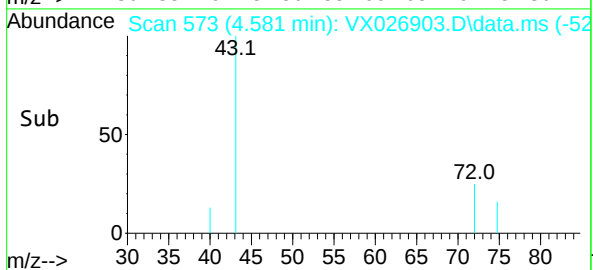
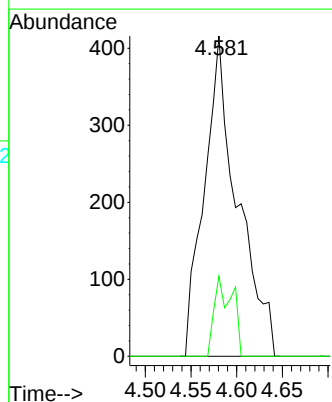
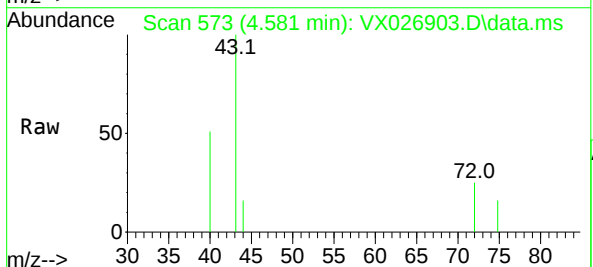
Instrument :  
MSVOA\_X  
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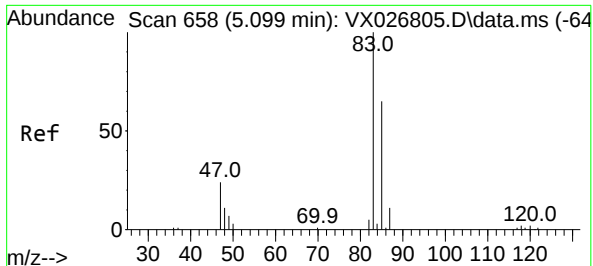
Tgt Ion: 73 Resp: 4947  
Ion Ratio Lower Upper  
73 100  
57 16.8 17.4 26.2#



#25  
2-Butanone  
Concen: 0.969 ug/l  
RT: 4.581 min Scan# 573  
Delta R.T. 0.018 min  
Lab File: VX026903.D  
Acq: 10 Feb 2022 05:38

Tgt Ion: 43 Resp: 1051  
Ion Ratio Lower Upper  
43 100  
72 25.0 20.4 30.6





#30

Chloroform

Concen: 1.119 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX026903.D

Acq: 10 Feb 2022 05:38

Instrument :

MSVOA\_X

ClientSampleId :

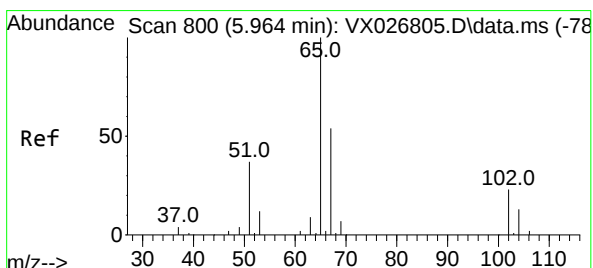
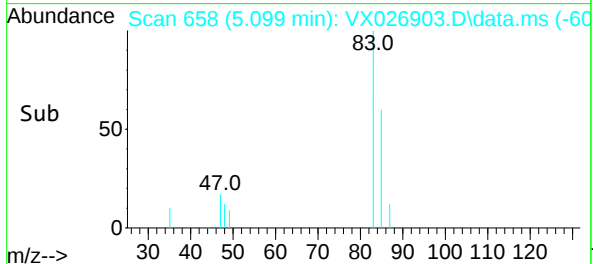
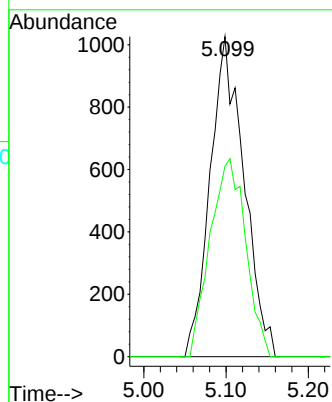
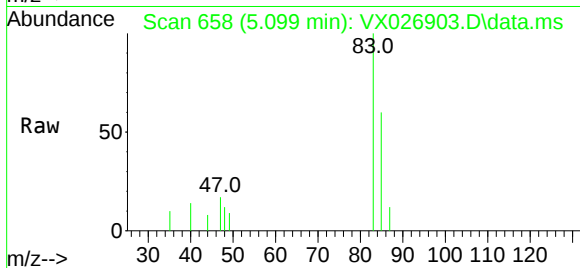
MW-139B

Tgt Ion: 83 Resp: 2931

Ion Ratio Lower Upper

83 100

85 59.6 51.6 77.4



#33

1,2-Dichloroethane-d4

Concen: 55.737 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026903.D

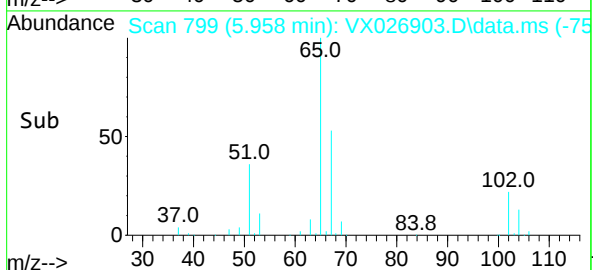
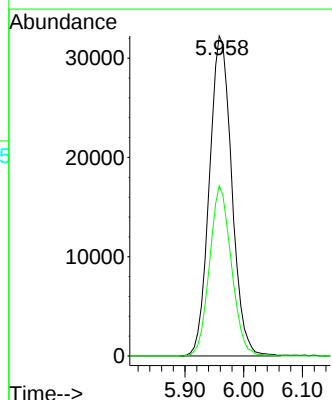
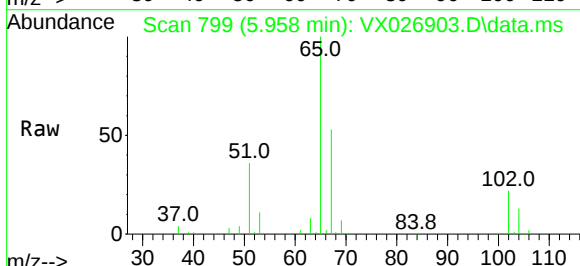
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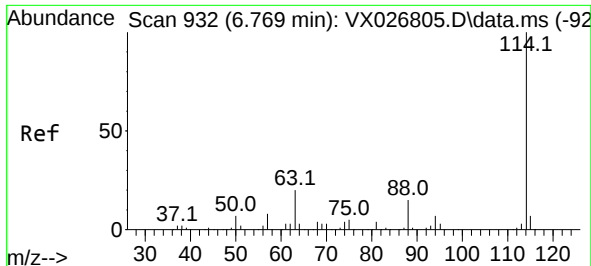
Tgt Ion: 65 Resp: 85394

Ion Ratio Lower Upper

65 100

67 51.8 0.0 100.8

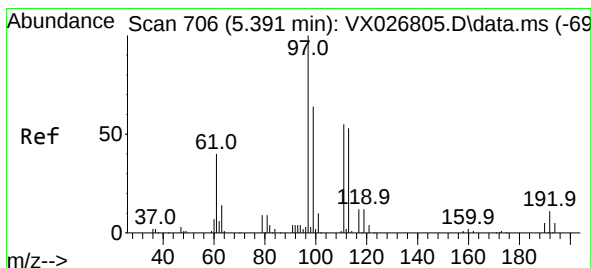
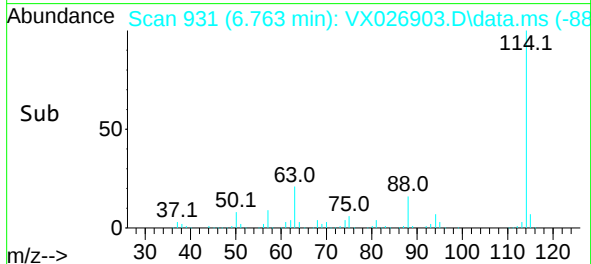
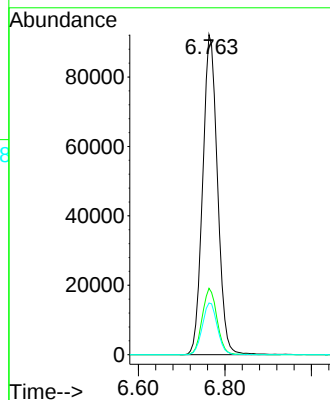
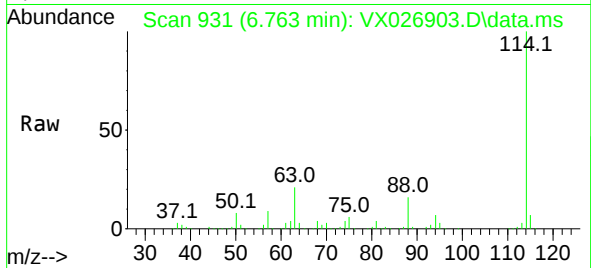




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VX026903.D  
Acq: 10 Feb 2022 05:38

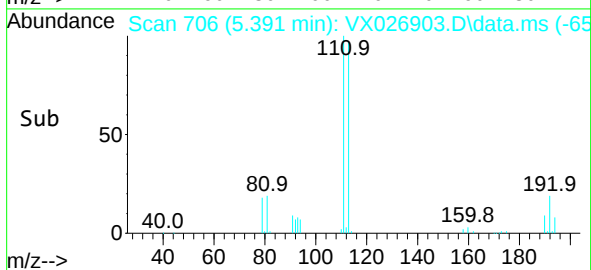
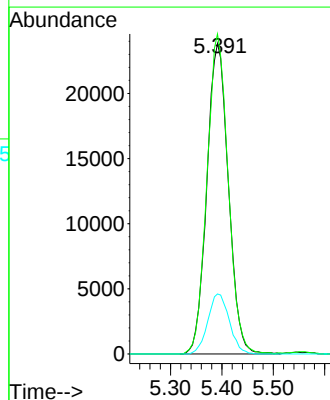
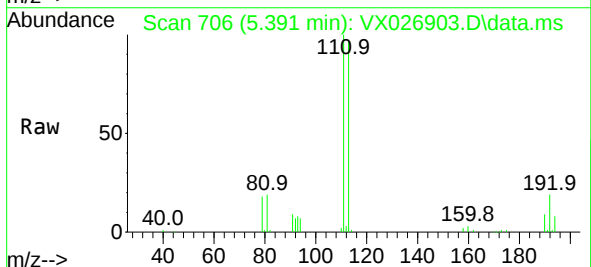
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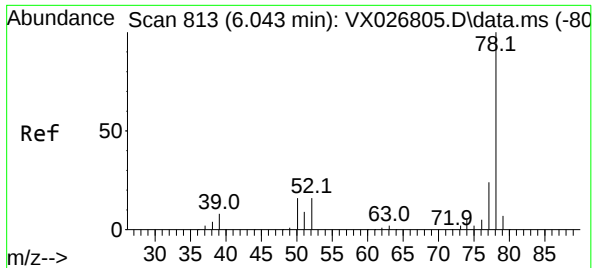
Tgt Ion:114 Resp: 218751  
Ion Ratio Lower Upper  
114 100  
63 20.7 0.0 42.8  
88 16.1 0.0 33.0



#35  
Dibromofluoromethane  
Concen: 53.276 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX026903.D  
Acq: 10 Feb 2022 05:38

Tgt Ion:113 Resp: 69433  
Ion Ratio Lower Upper  
113 100  
111 101.3 81.2 121.8  
192 19.2 15.0 22.4

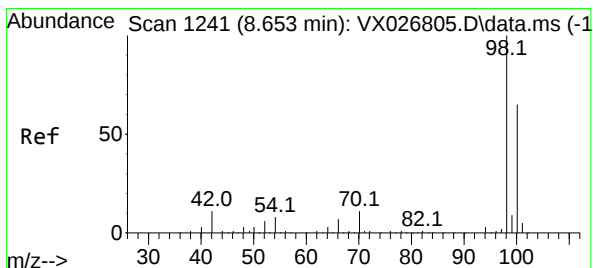
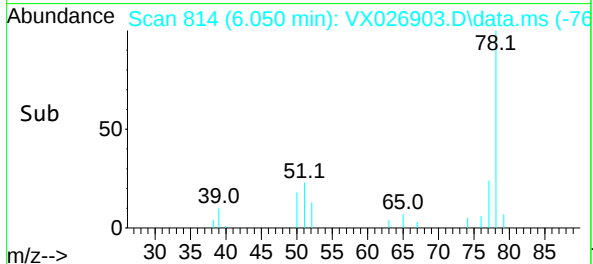
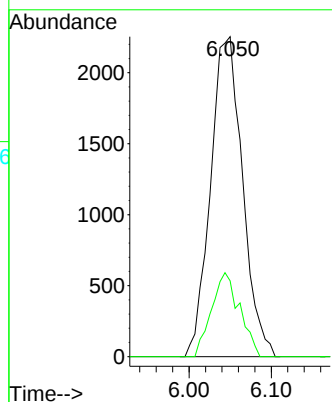
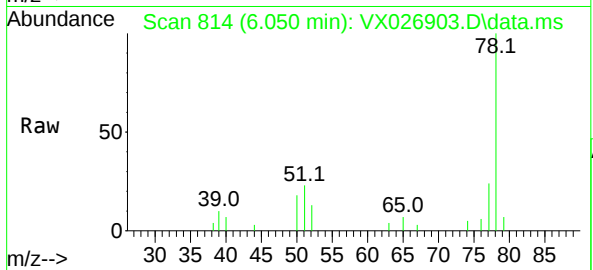




#40  
Benzene  
Concen: 1.017 ug/l  
RT: 6.050 min Scan# 813  
Delta R.T. 0.006 min  
Lab File: VX026903.D  
Acq: 10 Feb 2022 05:38

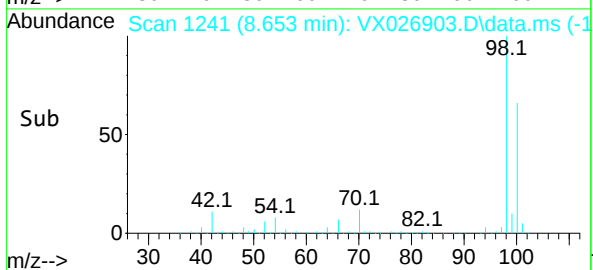
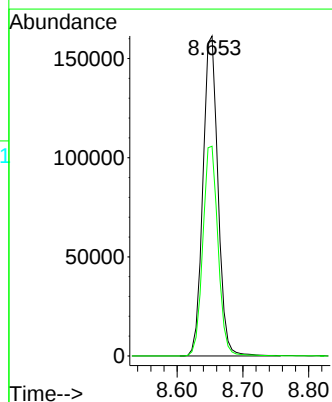
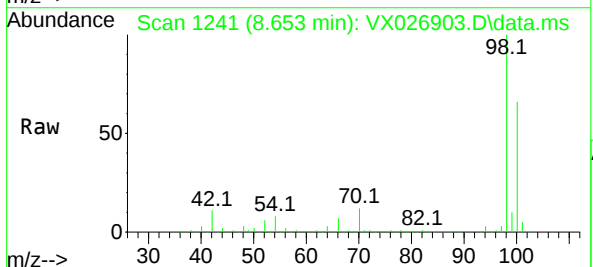
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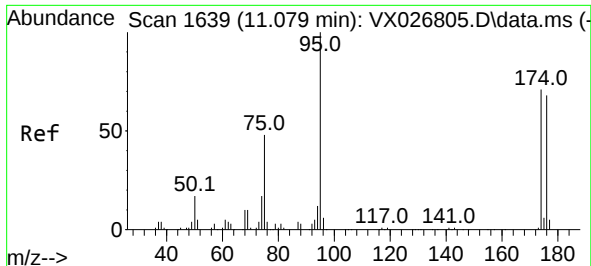
Tgt Ion: 78 Resp: 6094  
Ion Ratio Lower Upper  
78 100  
77 23.7 18.9 28.3



#50  
Toluene-d8  
Concen: 53.698 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. 0.000 min  
Lab File: VX026903.D  
Acq: 10 Feb 2022 05:38

Tgt Ion: 98 Resp: 256888  
Ion Ratio Lower Upper  
98 100  
100 66.2 53.2 79.8

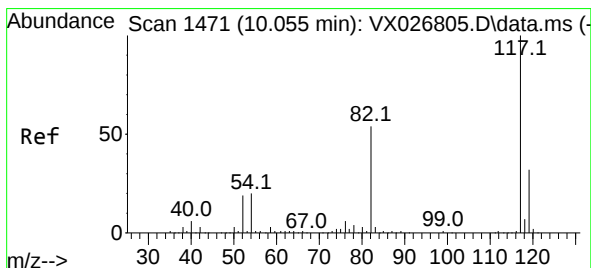
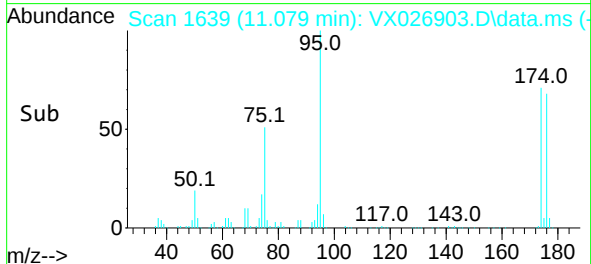
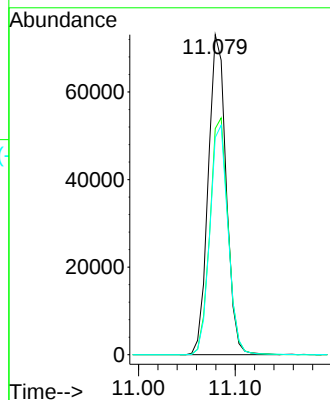
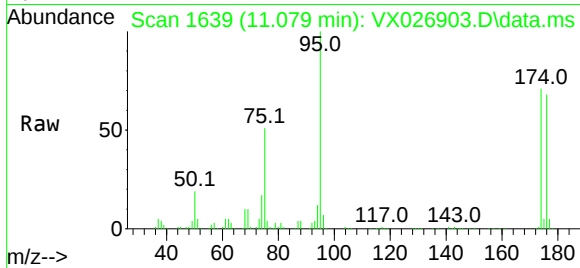




#62  
4-Bromofluorobenzene  
Concen: 55.954 ug/l  
RT: 11.079 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX026903.D  
Acq: 10 Feb 2022 05:38

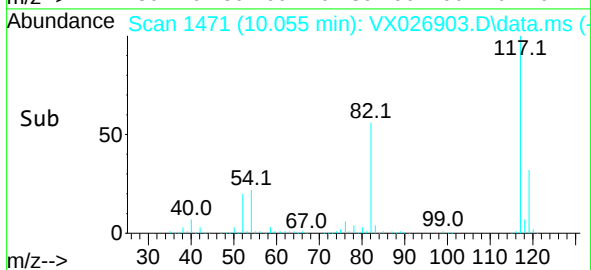
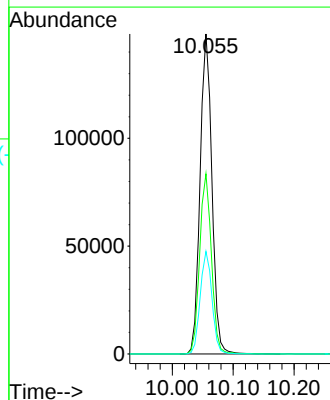
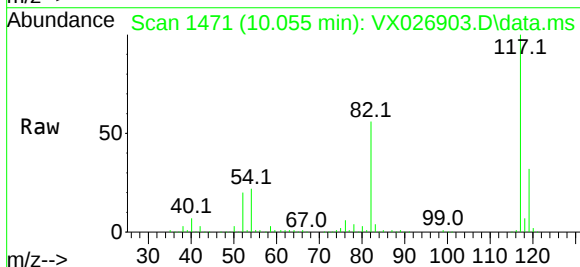
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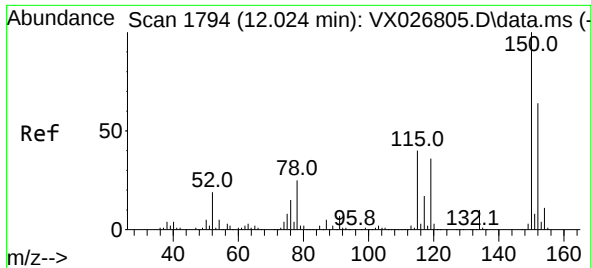
Tgt Ion: 95 Resp: 94241  
Ion Ratio Lower Upper  
95 100  
174 75.1 0.0 148.6  
176 72.8 0.0 141.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX026903.D  
Acq: 10 Feb 2022 05:38

Tgt Ion: 117 Resp: 199462  
Ion Ratio Lower Upper  
117 100  
82 56.3 45.2 67.8  
119 32.0 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: VX026903.D

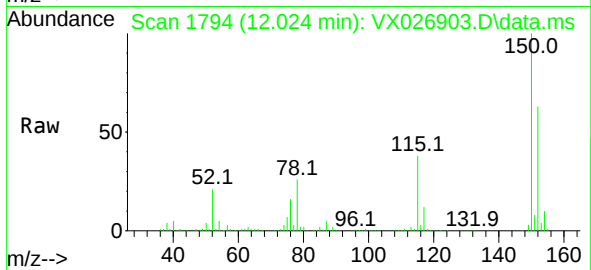
Acq: 10 Feb 2022 05:38

Instrument :

MSVOA\_X

ClientSampleId :

MW-139B



Tgt Ion:152 Resp: 83904

Ion Ratio Lower Upper

152 100

115 60.9 44.2 132.6

150 158.2 0.0 348.2

