

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX030122\  
 Data File : VX027259.D  
 Acq On : 01 Mar 2022 19:24  
 Operator : JC/MD  
 Sample : N1725-03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-03

Quant Time: Mar 02 00:37:50 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022322W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 23 13:06:57 2022  
 Response via : Initial Calibration

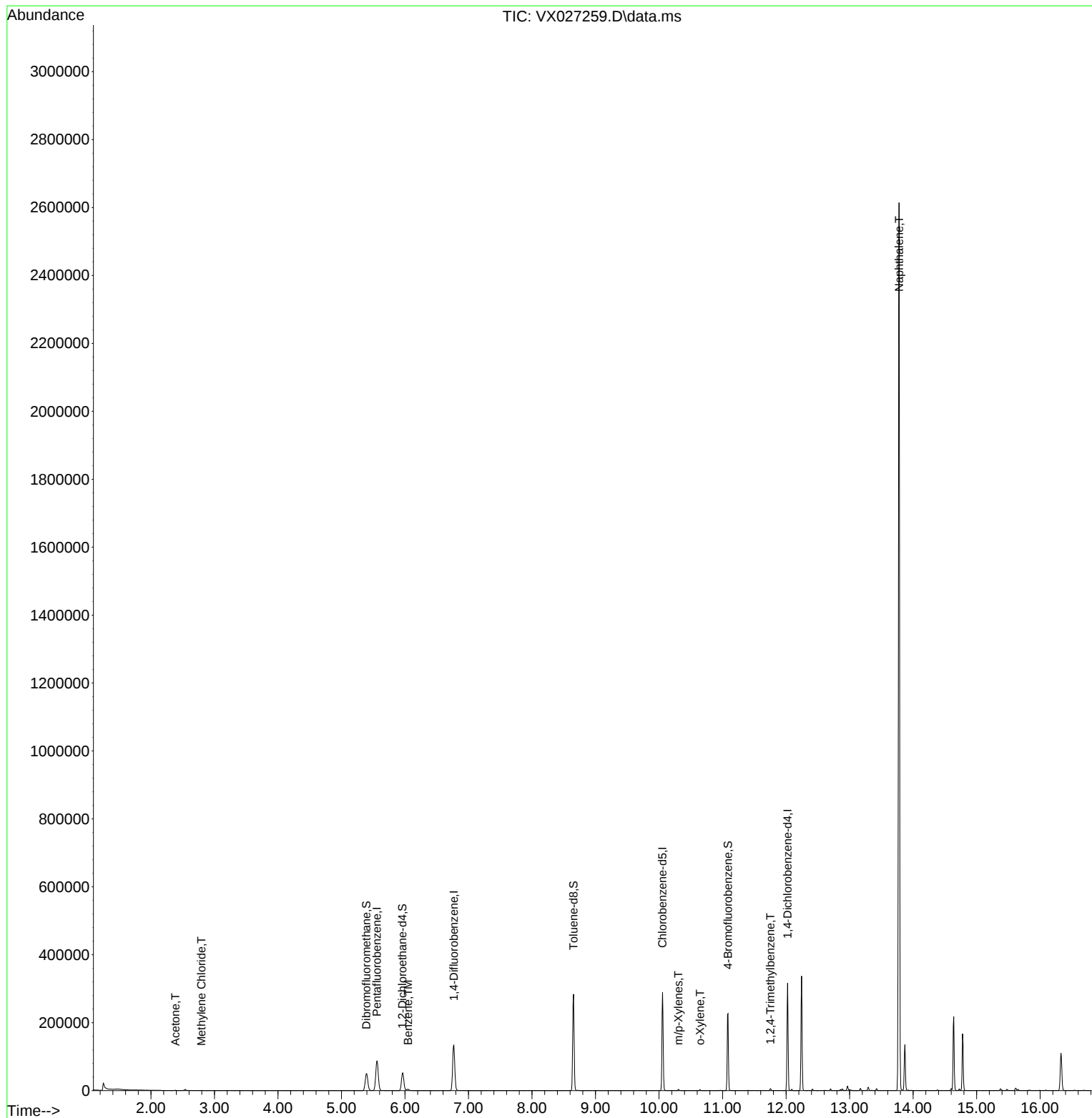
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 86302    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769  | 114   | 143178   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 130847   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 64100    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 51259    | 49.454   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 98.900%  |
| 35) Dibromofluoromethane    | 5.391  | 113   | 44269    | 49.812   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 99.620%  |
| 50) Toluene-d8              | 8.653  | 98    | 166826   | 50.202   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 100.400% |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 62745    | 49.190   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 98.380%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.386  | 43    | 1166     | 2.562    | ug/l # | 85       |
| 20) Methylene Chloride      | 2.794  | 84    | 270      | 0.286    | ug/l # | 78       |
| 40) Benzene                 | 6.050  | 78    | 4861     | 1.282    | ug/l   | 95       |
| 68) m/p-Xylenes             | 10.305 | 106   | 880      | 0.489    | ug/l   | 95       |
| 69) o-Xylene                | 10.646 | 106   | 648      | 0.359    | ug/l   | 93       |
| 84) 1,2,4-Trimethylbenzene  | 11.756 | 105   | 2856     | 0.744    | ug/l   | 92       |
| 95) Naphthalene             | 13.780 | 128   | 1603343  | 355.968  | ug/l   | 99       |
| -----                       |        |       |          |          |        |          |

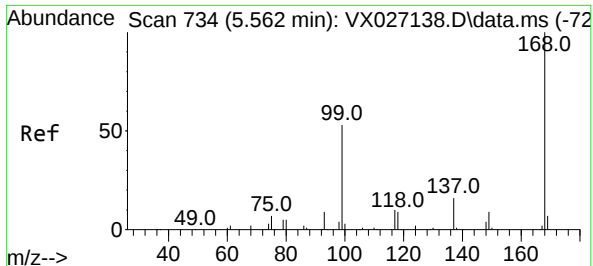
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_X  
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Quant Time: Mar 02 00:37:50 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022322W.M  
Quant Title : SW846 8260  
QLast Update : Wed Feb 23 13:06:57 2022  
Response via : Initial Calibration

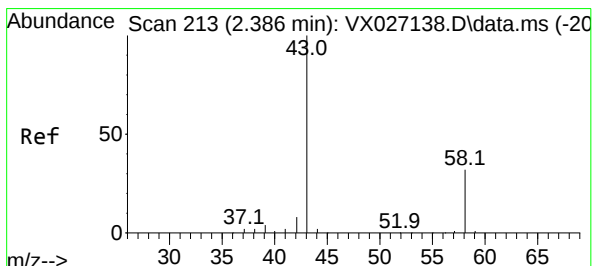
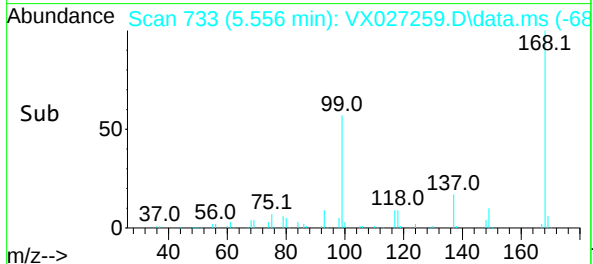
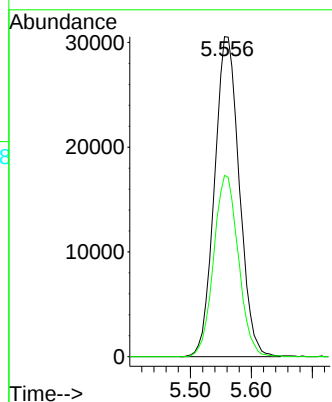
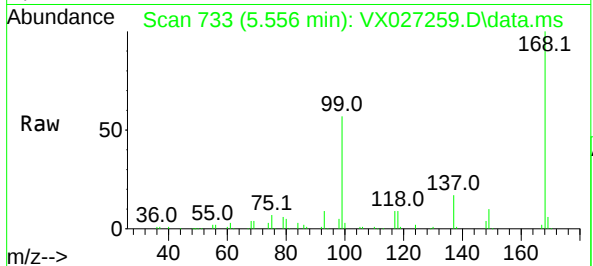




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX027259.D  
Acq: 01 Mar 2022 19:24

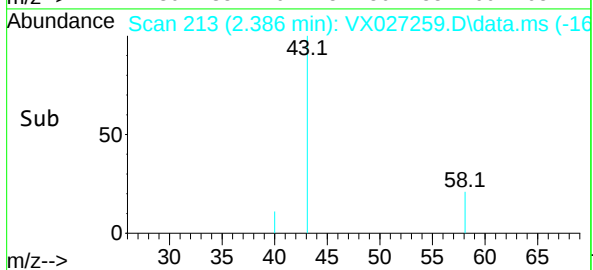
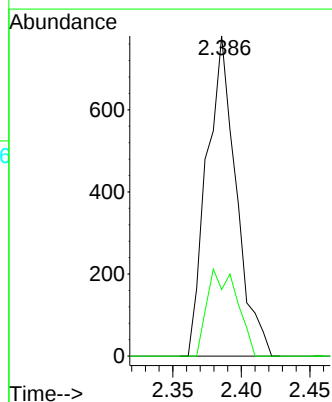
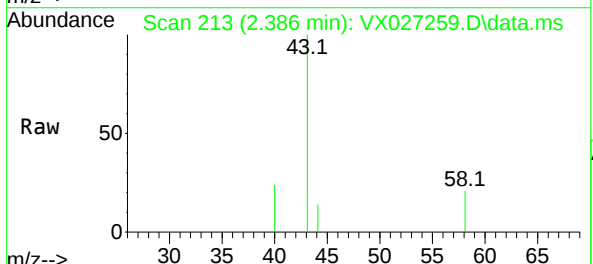
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-03

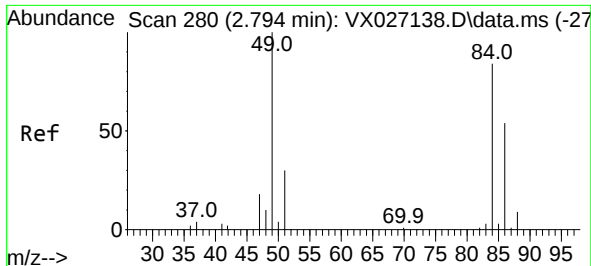
Tgt Ion:168 Resp: 86302  
Ion Ratio Lower Upper  
168 100  
99 56.7 50.3 75.5



#16  
Acetone  
Concen: 2.562 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.000 min  
Lab File: VX027259.D  
Acq: 01 Mar 2022 19:24

Tgt Ion: 43 Resp: 1166  
Ion Ratio Lower Upper  
43 100  
58 20.8 23.0 34.6#

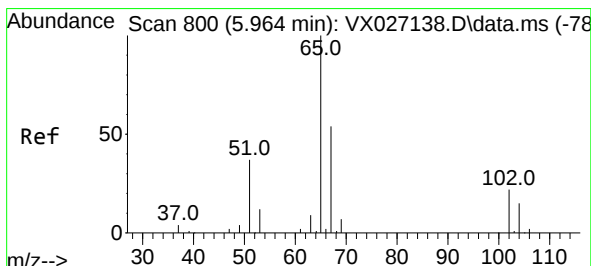
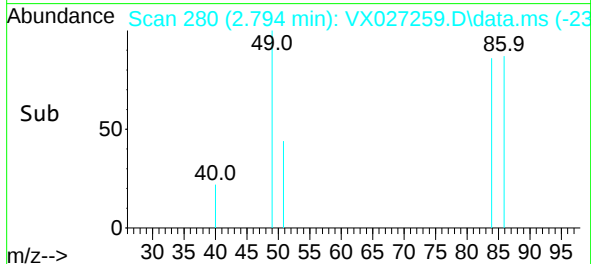
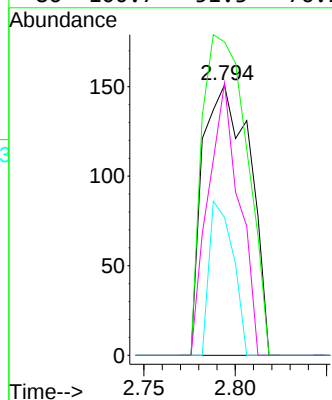
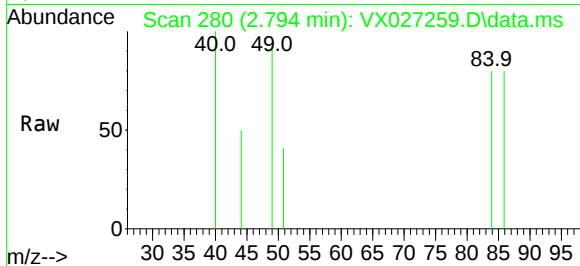




#20  
Methylene Chloride  
Concen: 0.286 ug/l  
RT: 2.794 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX027259.D  
Acq: 01 Mar 2022 19:24

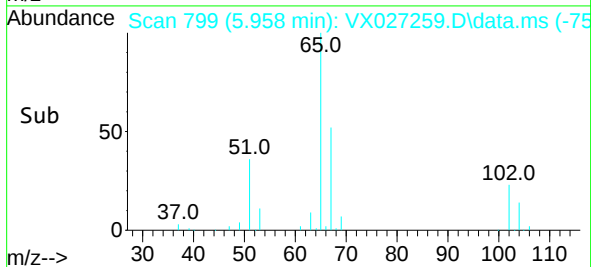
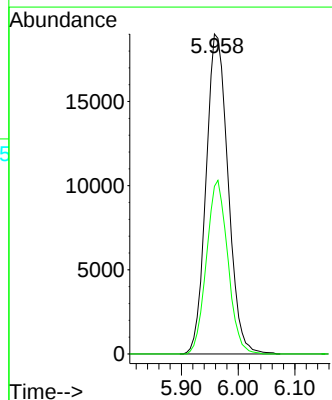
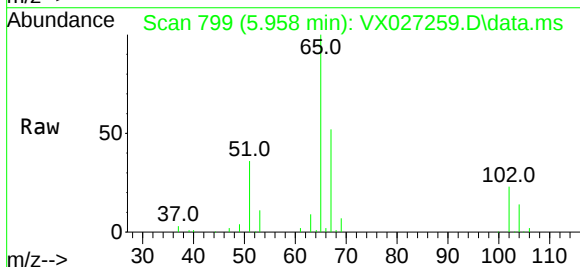
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-03

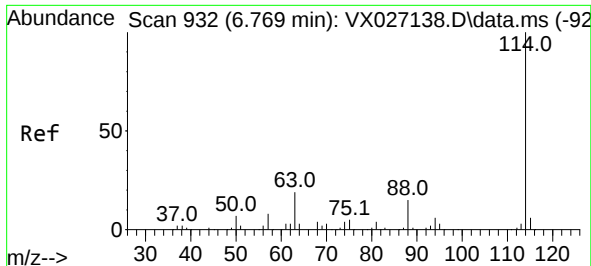
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 270   |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 115.9 | 101.5 | 152.3 |
| 51       | 51.0  | 31.2  | 46.8# |
| 86       | 100.7 | 51.3  | 76.9# |



#33  
1,2-Dichloroethane-d4  
Concen: 49.454 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. -0.006 min  
Lab File: VX027259.D  
Acq: 01 Mar 2022 19:24

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 65    | Resp: | 51259 |
| Ion      | Ratio | Lower | Upper |
| 65       | 100   |       |       |
| 67       | 52.6  | 0.0   | 100.8 |

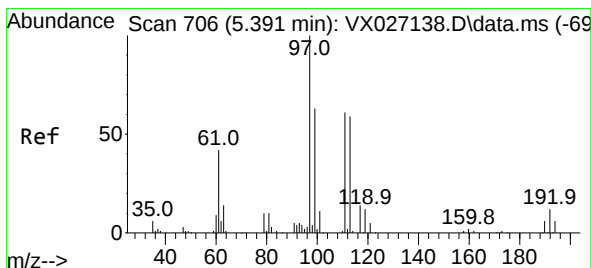
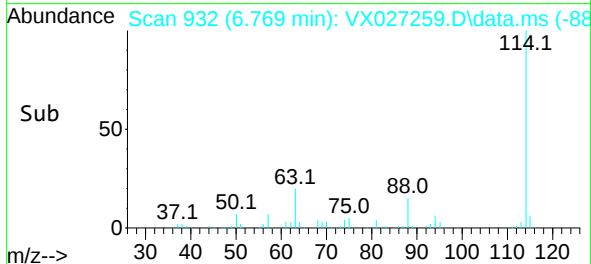
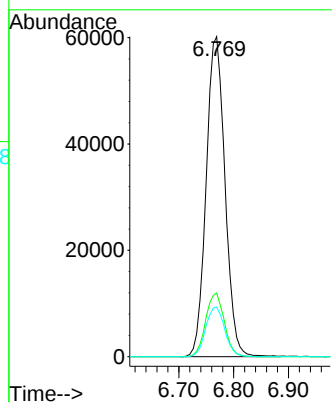
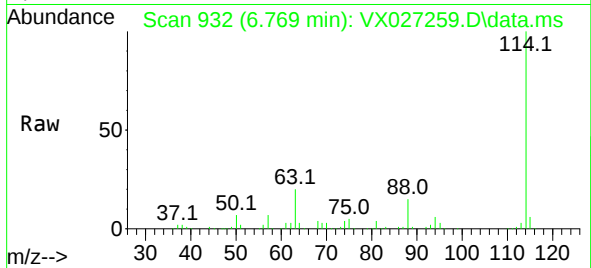




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX027259.D  
Acq: 01 Mar 2022 19:24

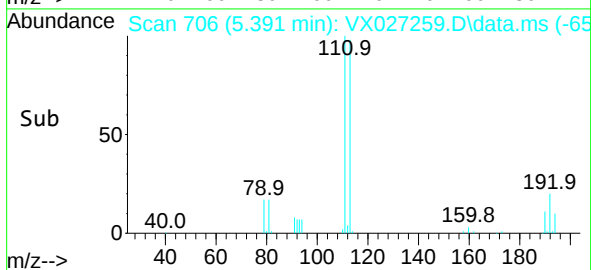
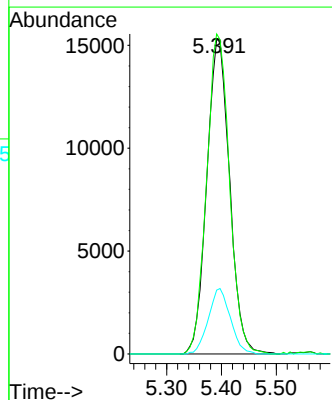
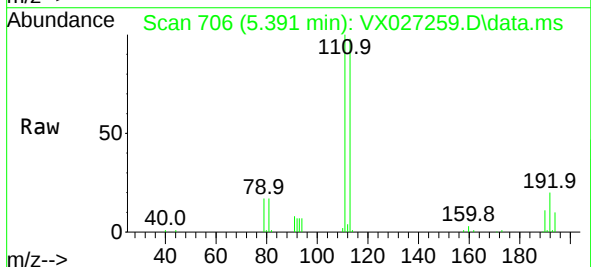
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-03

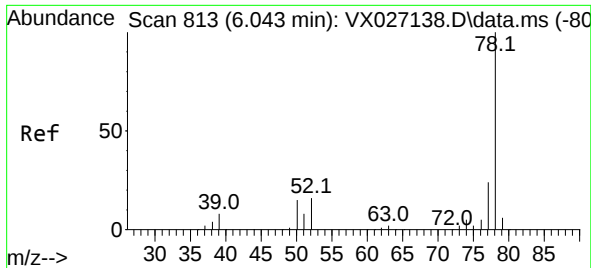
Tgt Ion:114 Resp: 143178  
Ion Ratio Lower Upper  
114 100  
63 19.9 0.0 42.8  
88 15.5 0.0 33.0



#35  
Dibromofluoromethane  
Concen: 49.812 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX027259.D  
Acq: 01 Mar 2022 19:24

Tgt Ion:113 Resp: 44269  
Ion Ratio Lower Upper  
113 100  
111 101.7 81.2 121.8  
192 20.0 15.0 22.4





#40

Benzene

Concen: 1.282 ug/l

RT: 6.050 min Scan# 813

Delta R.T. 0.007 min

Lab File: VX027259.D

Acq: 01 Mar 2022 19:24

Instrument :

MSVOA\_X

ClientSampleId :

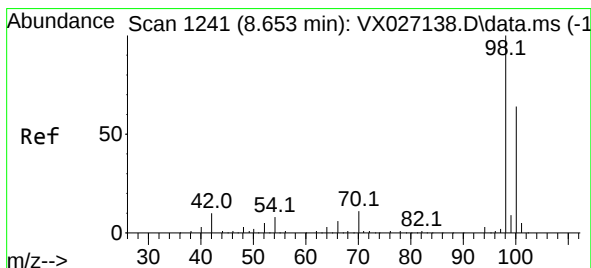
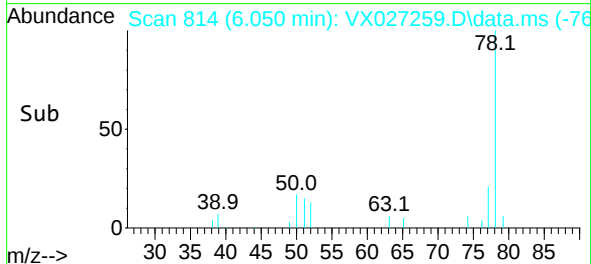
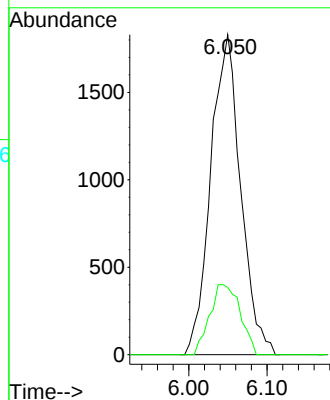
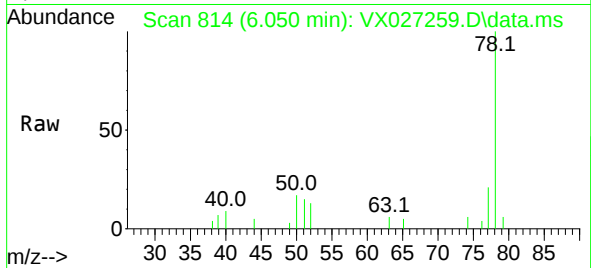
MW-03

Tgt Ion: 78 Resp: 4861

Ion Ratio Lower Upper

78 100

77 21.0 18.9 28.3



#50

Toluene-d8

Concen: 50.202 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX027259.D

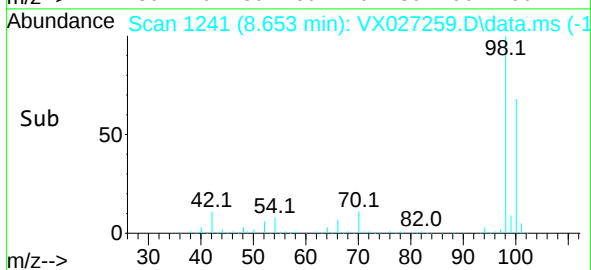
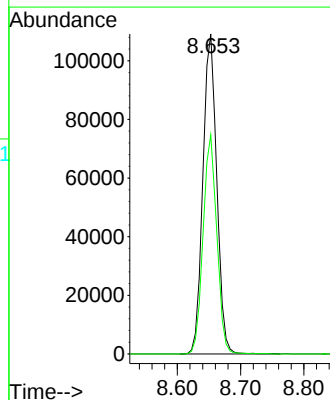
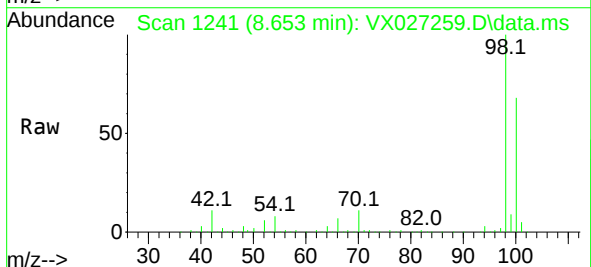
Acq: 01 Mar 2022 19:24

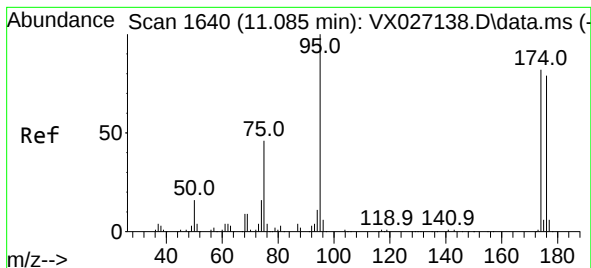
Tgt Ion: 98 Resp: 166826

Ion Ratio Lower Upper

98 100

100 67.6 53.2 79.8

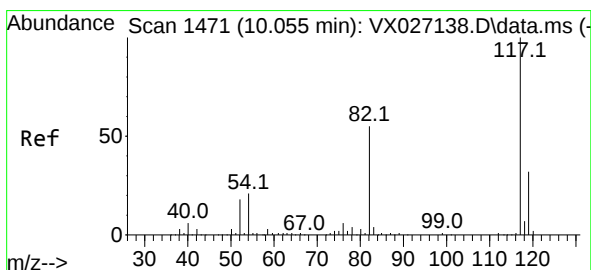
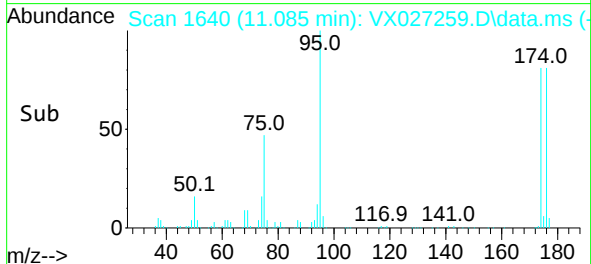
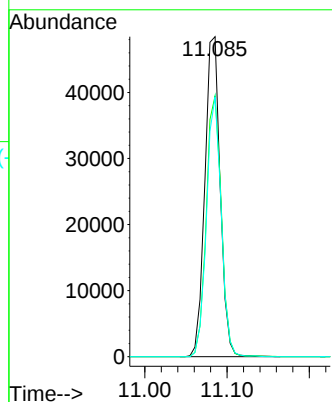
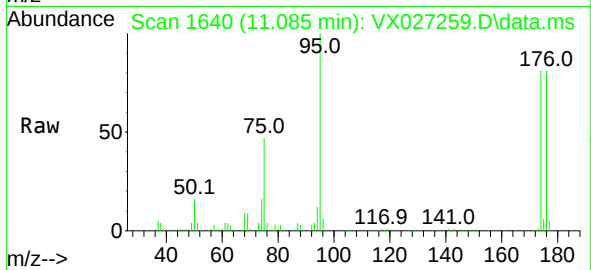




#62  
4-Bromofluorobenzene  
Concen: 49.190 ug/l  
RT: 11.085 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX027259.D  
Acq: 01 Mar 2022 19:24

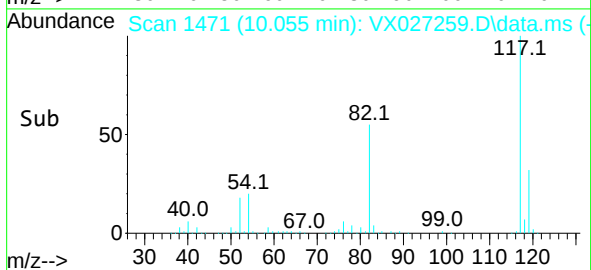
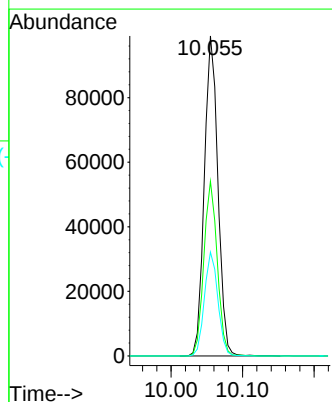
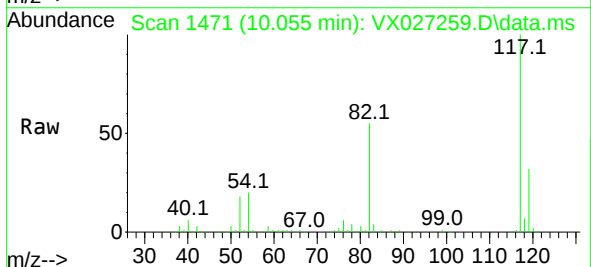
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-03

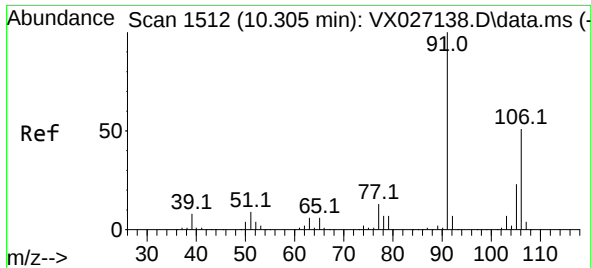
Tgt Ion: 95 Resp: 62745  
Ion Ratio Lower Upper  
95 100  
174 80.2 0.0 148.6  
176 77.8 0.0 141.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX027259.D  
Acq: 01 Mar 2022 19:24

Tgt Ion: 117 Resp: 130847  
Ion Ratio Lower Upper  
117 100  
82 54.6 45.2 67.8  
119 32.5 26.2 39.2

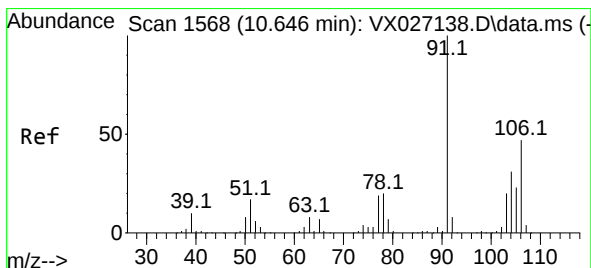
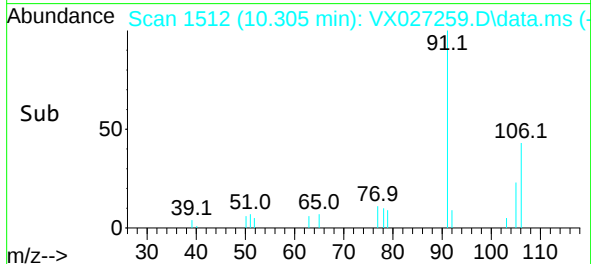
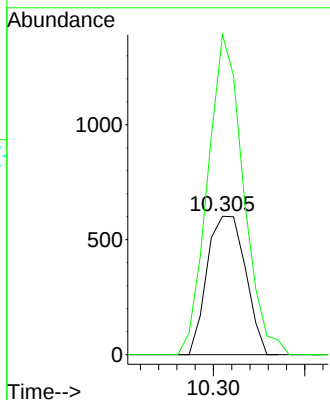
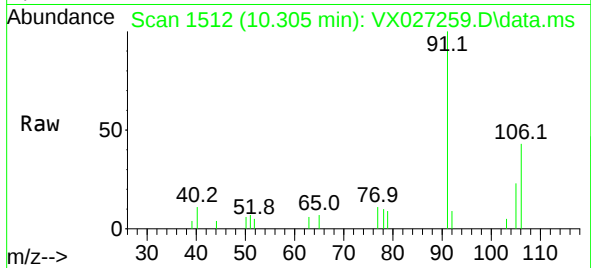




#68  
m/p-Xylenes  
Concen: 0.489 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. -0.000 min  
Lab File: VX027259.D  
Acq: 01 Mar 2022 19:24

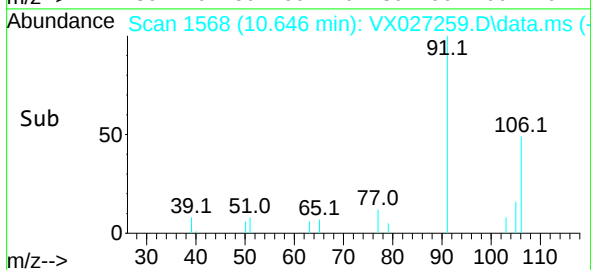
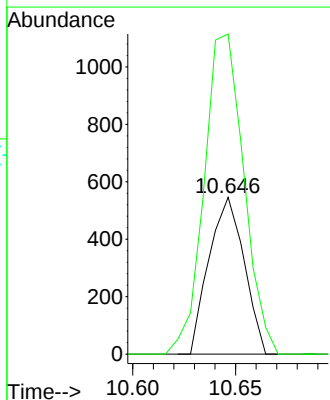
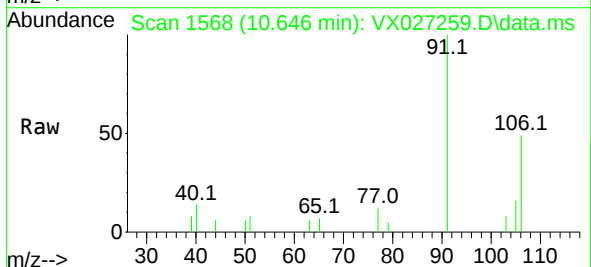
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MW-03

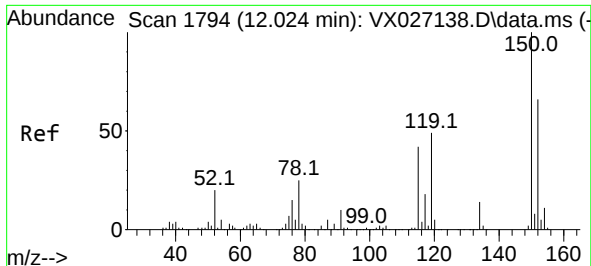
Tgt Ion:106 Resp: 880  
Ion Ratio Lower Upper  
106 100  
91 214.8 165.3 247.9



#69  
o-Xylene  
Concen: 0.359 ug/l  
RT: 10.646 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VX027259.D  
Acq: 01 Mar 2022 19:24

Tgt Ion:106 Resp: 648  
Ion Ratio Lower Upper  
106 100  
91 230.7 109.7 329.0

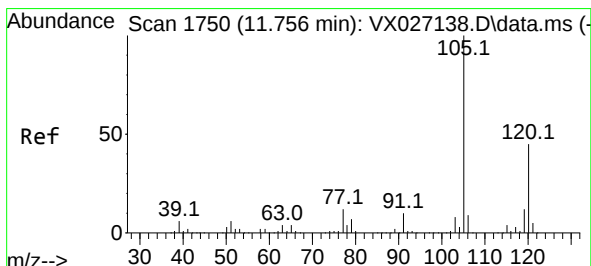
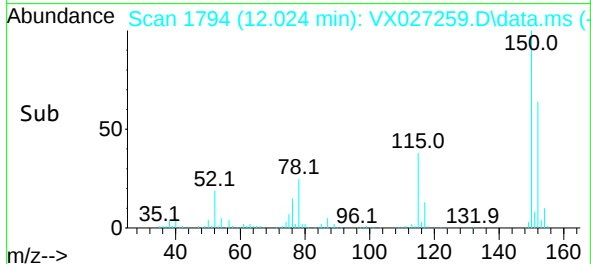
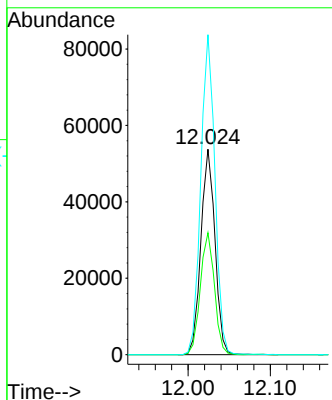
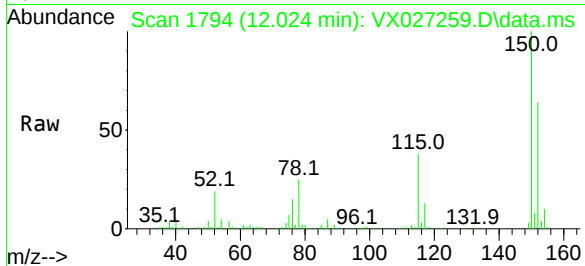




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 1794  
 Delta R.T. 0.000 min  
 Lab File: VX027259.D  
 Acq: 01 Mar 2022 19:24

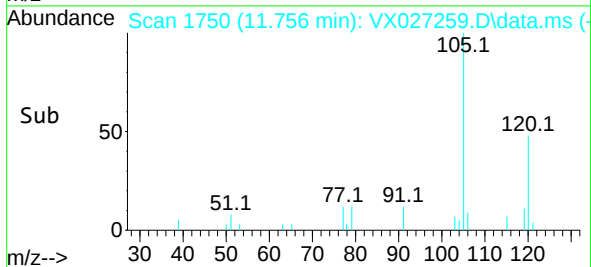
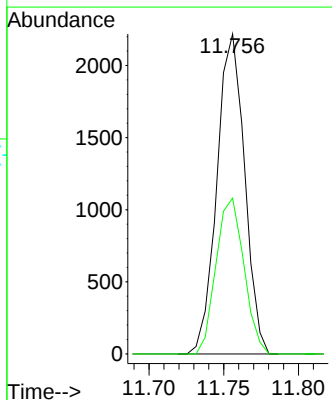
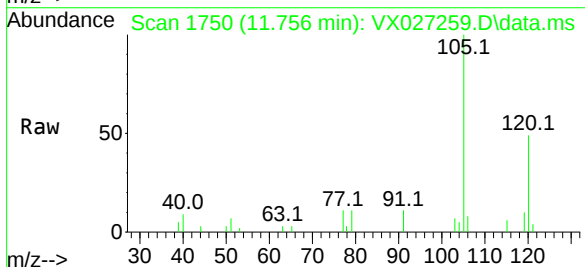
Instrument :  
 MSVOA\_X  
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 MW-03

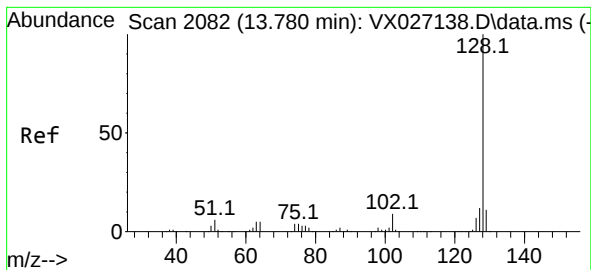
Tgt Ion:152 Resp: 64100  
 Ion Ratio Lower Upper  
 152 100  
 115 59.4 44.2 132.6  
 150 156.3 0.0 348.2



#84  
 1,2,4-Trimethylbenzene  
 Concen: 0.744 ug/l  
 RT: 11.756 min Scan# 1750  
 Delta R.T. -0.000 min  
 Lab File: VX027259.D  
 Acq: 01 Mar 2022 19:24

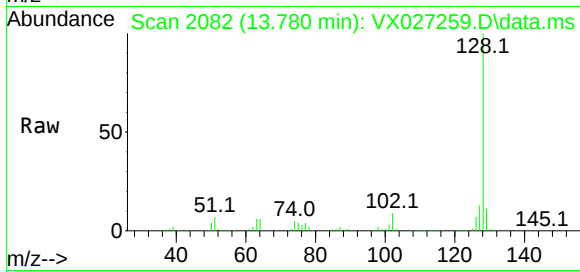
Tgt Ion:105 Resp: 2856  
 Ion Ratio Lower Upper  
 105 100  
 120 48.9 21.9 65.5





#95  
Naphthalene  
Concen: 355.968 ug/l  
RT: 13.780 min Scan# 2082  
Delta R.T. -0.000 min  
Lab File: VX027259.D  
Acq: 01 Mar 2022 19:24

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-03



Tgt Ion:128 Resp: 1603343  
Ion Ratio Lower Upper  
128 100  
127 13.1 10.3 15.5  
129 11.3 8.7 13.1

