

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052622\  
 Data File : VX028992.D  
 Acq On : 26 May 2022 12:33  
 Operator : JC/MD  
 Sample : N3002-04DL 4X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-12DL

Quant Time: May 27 07:32:03 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051222W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 12 14:58:53 2022  
 Response via : Initial Calibration

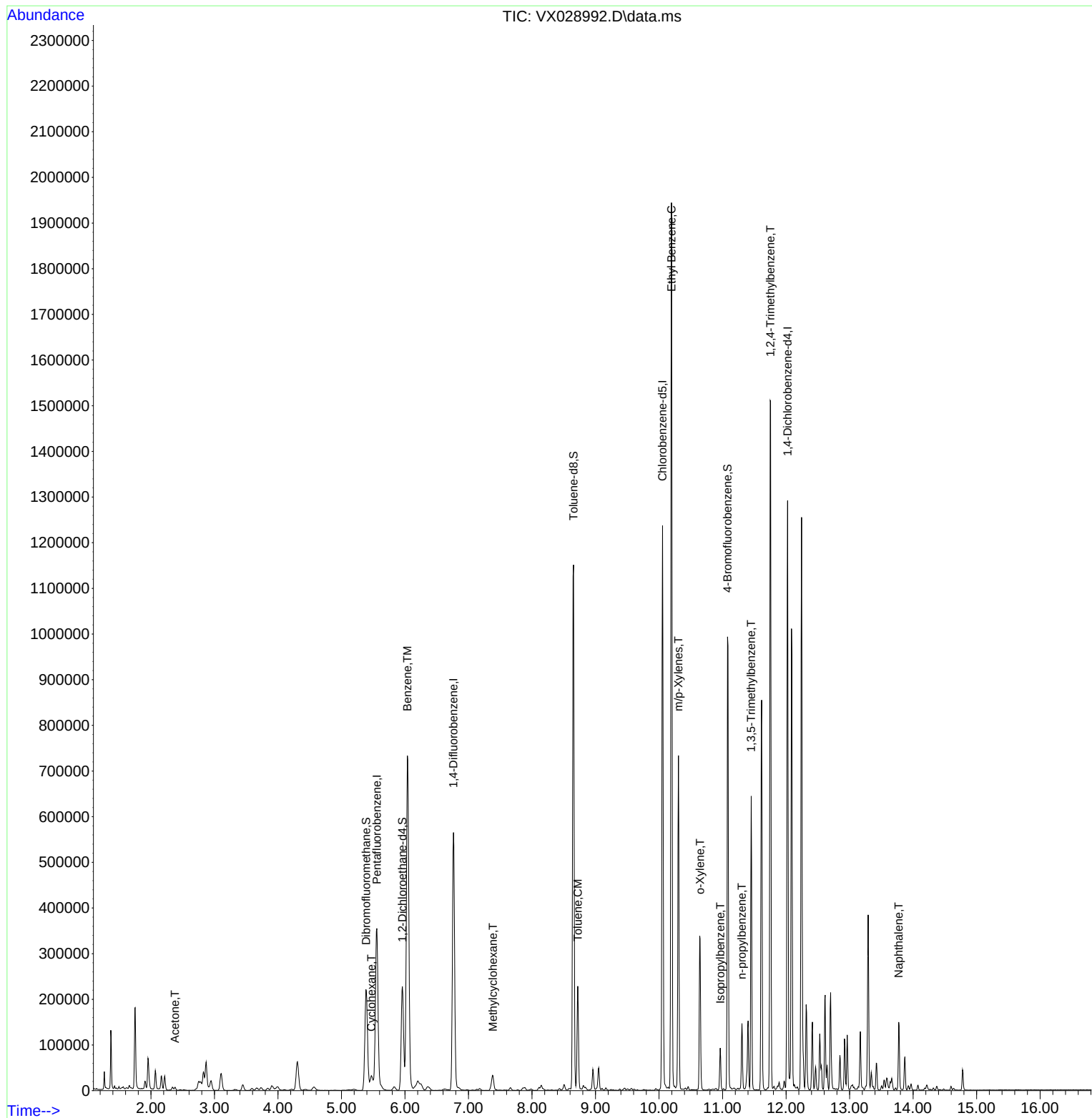
| Compound                    | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|----------|--------|----------|
| -----                       |                |      |            |          |        |          |
| Internal Standards          |                |      |            |          |        |          |
| 1) Pentafluorobenzene       | 5.556          | 168  | 341382     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763          | 114  | 598656     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055         | 117  | 564102     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024         | 152  | 263603     | 50.000   | ug/l   | 0.00     |
|                             |                |      |            |          |        |          |
| System Monitoring Compounds |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958          | 65   | 225192     | 48.123   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 61 - 141 |      | Recovery = | 96.240%  |        |          |
| 35) Dibromofluoromethane    | 5.385          | 113  | 197916     | 50.459   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 69 - 133 |      | Recovery = | 100.920% |        |          |
| 50) Toluene-d8              | 8.653          | 98   | 711897     | 48.141   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 65 - 126 |      | Recovery = | 96.280%  |        |          |
| 62) 4-Bromofluorobenzene    | 11.079         | 95   | 276894     | 50.131   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 58 - 135 |      | Recovery = | 100.260% |        |          |
|                             |                |      |            |          |        |          |
| Target Compounds            |                |      |            |          |        |          |
|                             |                |      |            |          | Qvalue |          |
| 16) Acetone                 | 2.380          | 43   | 6545       | 3.259    | ug/l   | 99       |
| 31) Cyclohexane             | 5.470          | 56   | 21679      | 3.338    | ug/l   | 99       |
| 39) Methylcyclohexane       | 7.385          | 83   | 14830      | 2.195    | ug/l   | 87       |
| 40) Benzene                 | 6.037          | 78   | 922635     | 54.493   | ug/l   | 97       |
| 52) Toluene                 | 8.720          | 92   | 88708      | 8.145    | ug/l   | 97       |
| 67) Ethyl Benzene           | 10.195         | 91   | 1100937    | 51.326   | ug/l   | 99       |
| 68) m/p-Xylenes             | 10.305         | 106  | 164429     | 19.690   | ug/l   | 99       |
| 69) o-Xylene                | 10.646         | 106  | 76617      | 9.319    | ug/l   | 98       |
| 73) Isopropylbenzene        | 10.963         | 105  | 46239      | 2.313    | ug/l   | 98       |
| 78) n-propylbenzene         | 11.305         | 91   | 85907      | 3.715    | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene  | 11.451         | 105  | 269484     | 16.178   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene  | 11.756         | 105  | 688338     | 41.210   | ug/l   | 100      |
| 95) Naphthalene             | 13.774         | 128  | 96054      | 5.128    | ug/l   | 99       |
| -----                       |                |      |            |          |        |          |

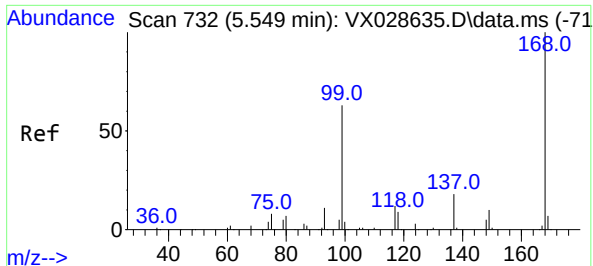
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052622\  
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Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-12DL

Quant Time: May 27 07:32:03 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051222W.M  
Quant Title : SW846 8260  
QLast Update : Thu May 12 14:58:53 2022  
Response via : Initial Calibration

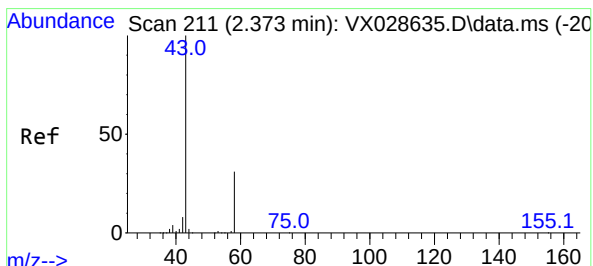
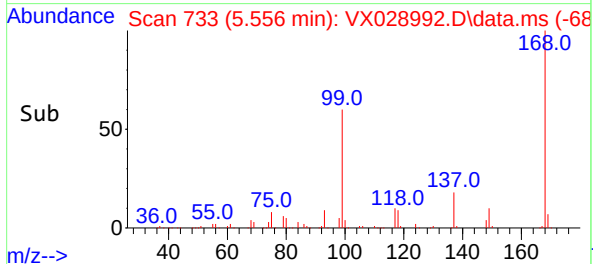
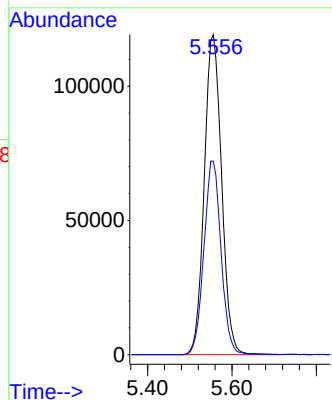
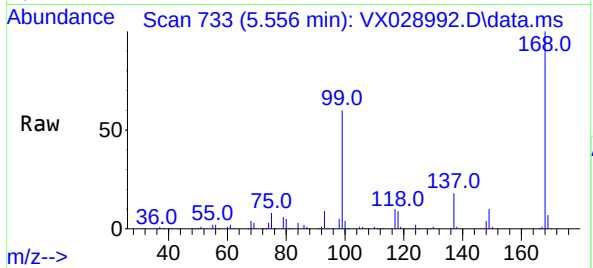




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.007 min  
Lab File: VX028992.D  
Acq: 26 May 2022 12:33

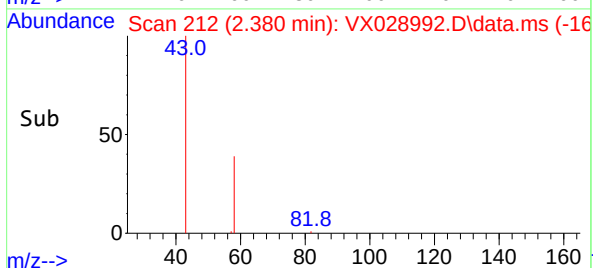
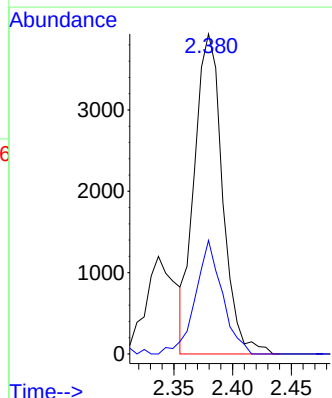
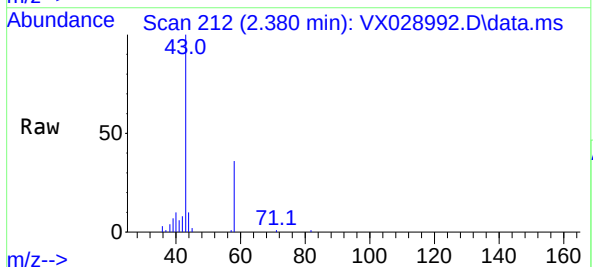
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-12DL

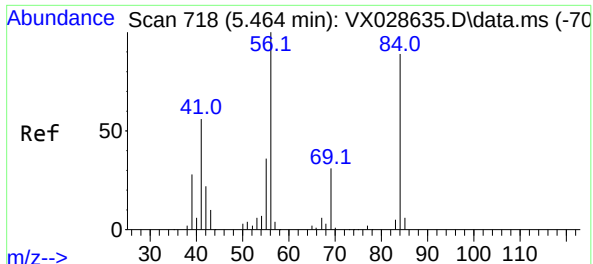
Tgt Ion:168 Resp: 341382  
Ion Ratio Lower Upper  
168 100  
99 60.5 41.7 62.5



#16  
Acetone  
Concen: 3.259 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.006 min  
Lab File: VX028992.D  
Acq: 26 May 2022 12:33

Tgt Ion: 43 Resp: 6545  
Ion Ratio Lower Upper  
43 100  
58 35.5 28.8 43.2

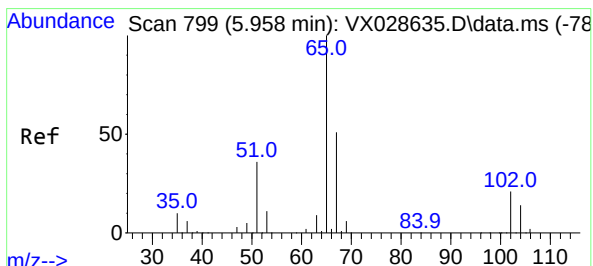
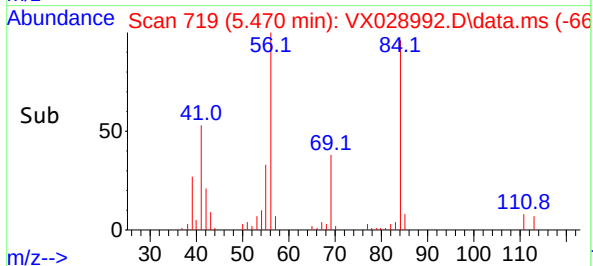
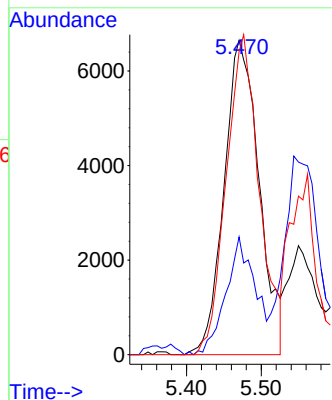
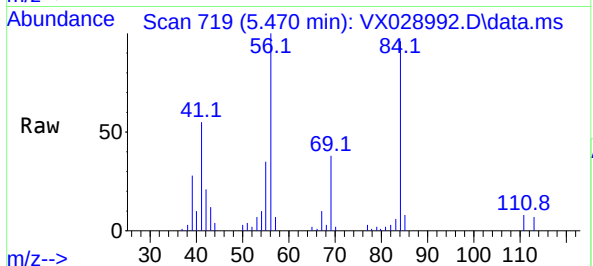




#31  
Cyclohexane  
Concen: 3.338 ug/l  
RT: 5.470 min Scan# 718  
Delta R.T. 0.006 min  
Lab File: VX028992.D  
Acq: 26 May 2022 12:33

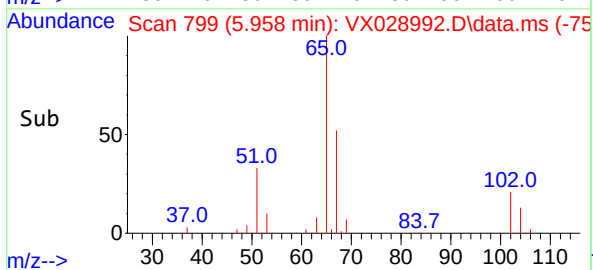
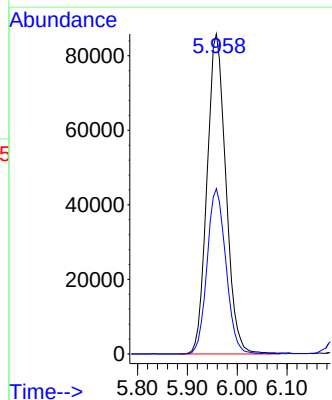
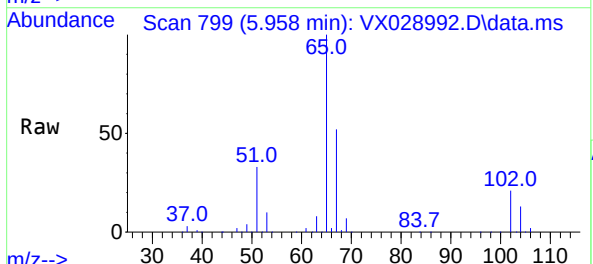
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-12DL

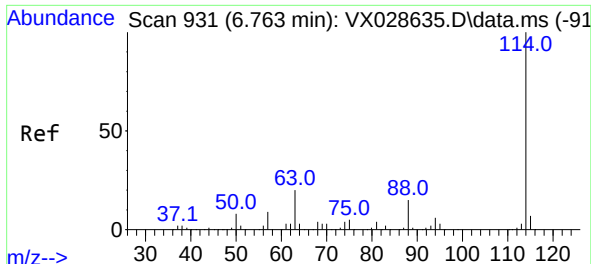
Tgt Ion: 56 Resp: 21679  
Ion Ratio Lower Upper  
56 100  
69 36.3 26.7 40.1  
84 96.4 77.2 115.8



#33  
1,2-Dichloroethane-d4  
Concen: 48.123 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX028992.D  
Acq: 26 May 2022 12:33

Tgt Ion: 65 Resp: 225192  
Ion Ratio Lower Upper  
65 100  
67 51.6 0.0 107.4

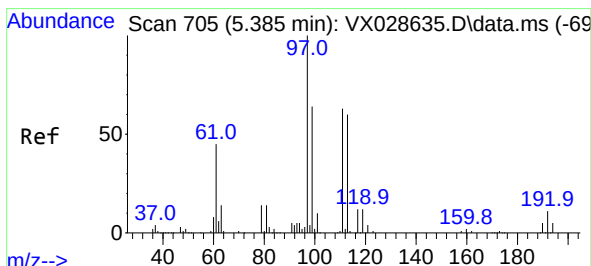
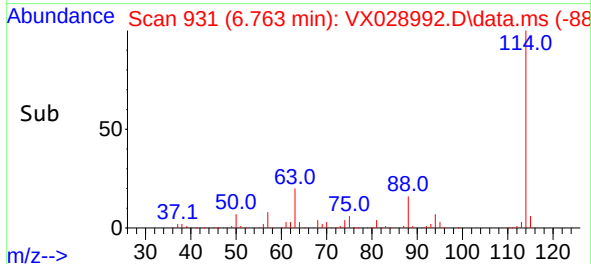
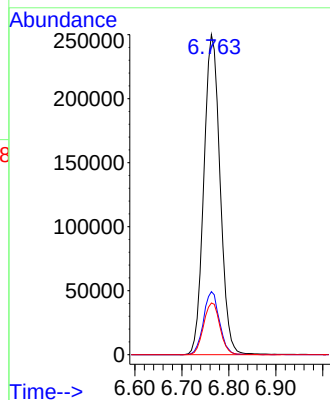
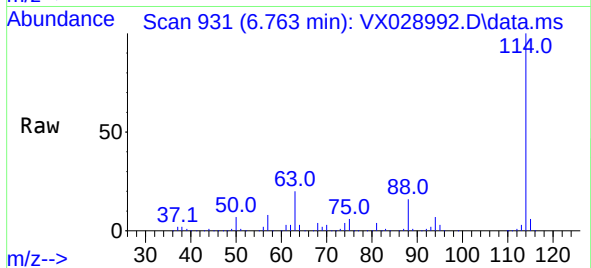




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX028992.D  
Acq: 26 May 2022 12:33

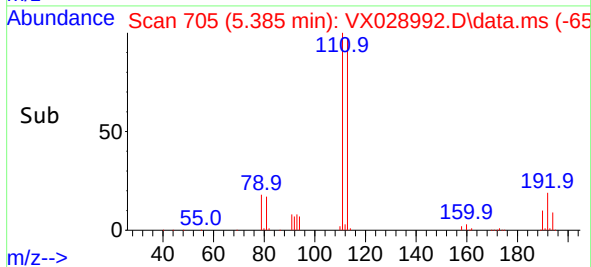
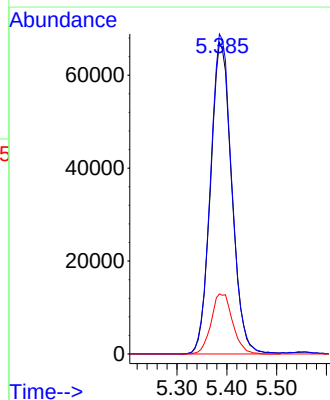
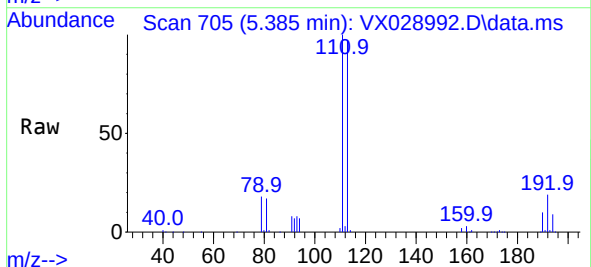
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-12DL

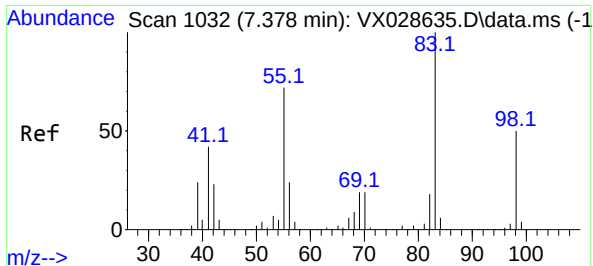
Tgt Ion:114 Resp: 598656  
Ion Ratio Lower Upper  
114 100  
63 19.7 0.0 36.8  
88 16.1 0.0 32.4



#35  
Dibromofluoromethane  
Concen: 50.459 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX028992.D  
Acq: 26 May 2022 12:33

Tgt Ion:113 Resp: 197916  
Ion Ratio Lower Upper  
113 100  
111 102.5 82.8 124.2  
192 19.5 16.9 25.3





#39

Methylcyclohexane

Concen: 2.195 ug/l

RT: 7.385 min Scan# 10

Delta R.T. 0.007 min

Lab File: VX028992.D

Acq: 26 May 2022 12:33

Instrument :

MSVOA\_X

ClientSampleId :

MW-12DL

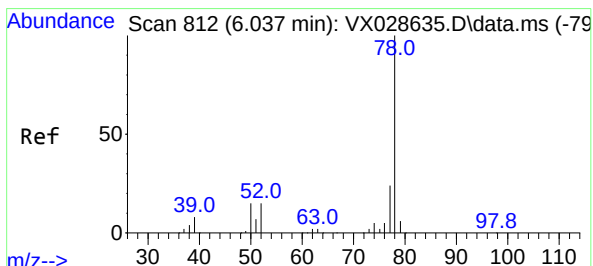
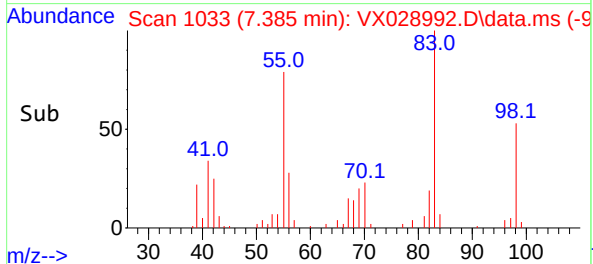
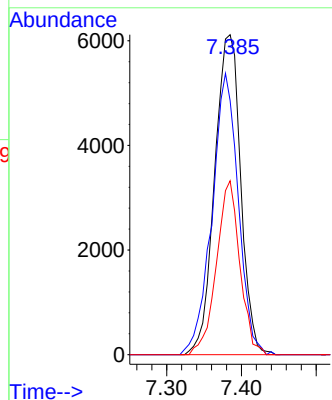
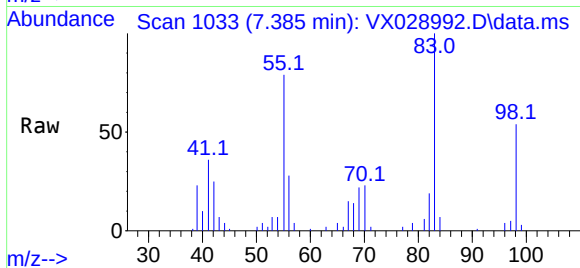
Tgt Ion: 83 Resp: 14830

Ion Ratio Lower Upper

83 100

55 79.4 54.6 81.8

98 54.3 37.4 56.2



#40

Benzene

Concen: 54.493 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX028992.D

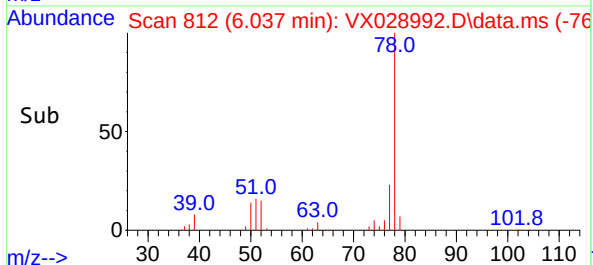
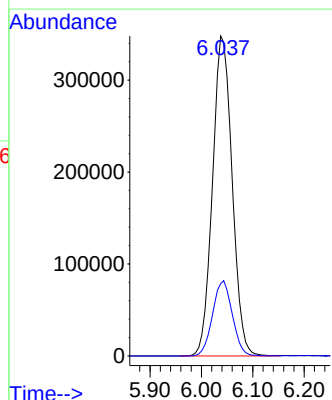
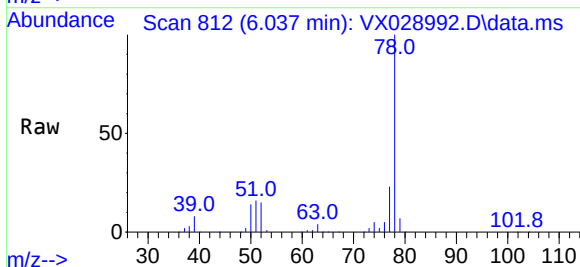
Acq: 26 May 2022 12:33

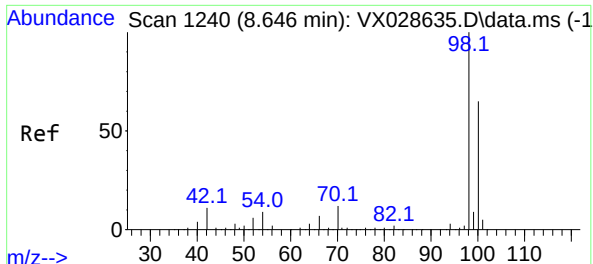
Tgt Ion: 78 Resp: 922635

Ion Ratio Lower Upper

78 100

77 22.6 19.3 28.9

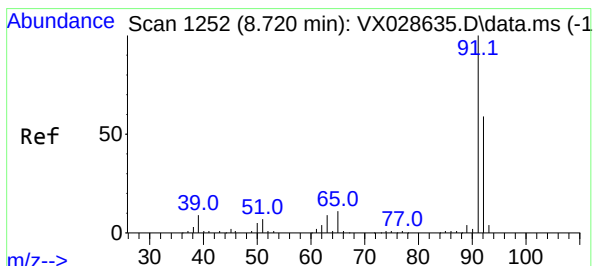
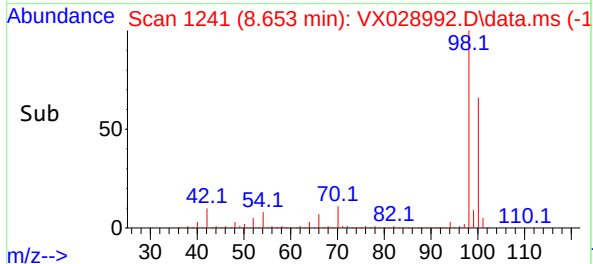
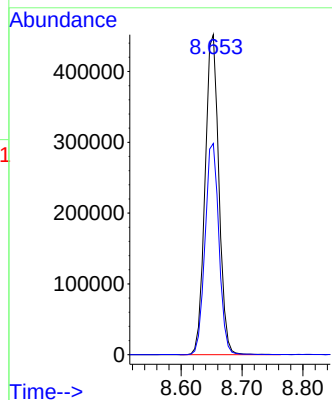
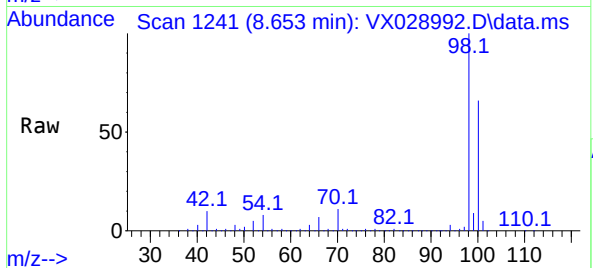




#50  
Toluene-d8  
Concen: 48.141 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. 0.007 min  
Lab File: VX028992.D  
Acq: 26 May 2022 12:33

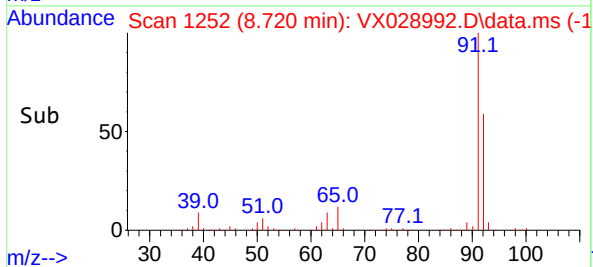
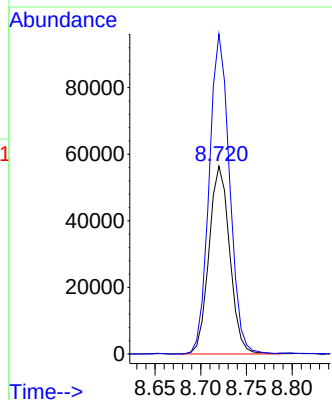
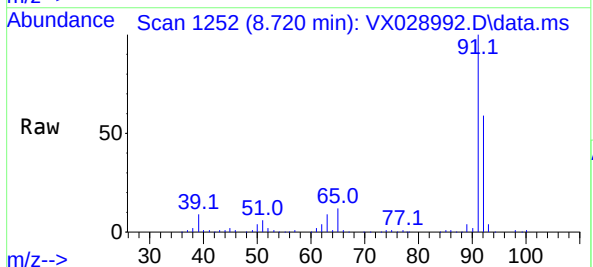
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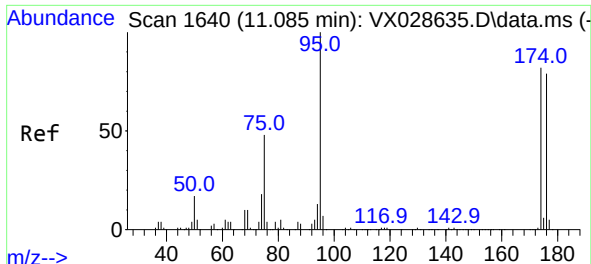
Tgt Ion: 98 Resp: 711897  
Ion Ratio Lower Upper  
98 100  
100 66.4 52.6 78.8



#52  
Toluene  
Concen: 8.145 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX028992.D  
Acq: 26 May 2022 12:33

Tgt Ion: 92 Resp: 88708  
Ion Ratio Lower Upper  
92 100  
91 167.8 137.5 206.3

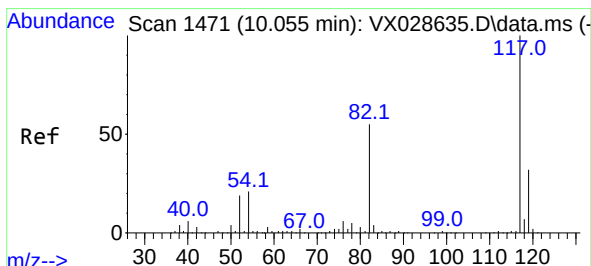
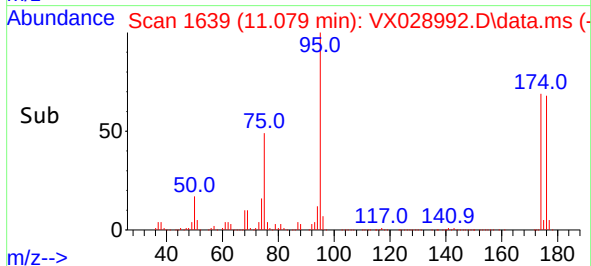
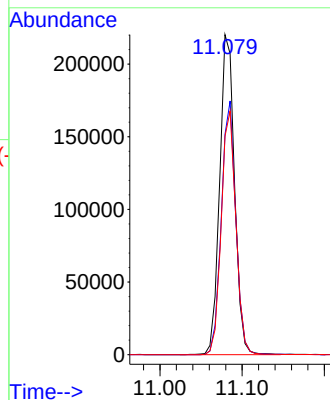
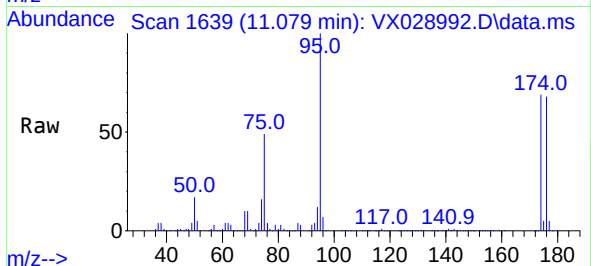




#62  
4-Bromofluorobenzene  
Concen: 50.131 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.006 min  
Lab File: VX028992.D  
Acq: 26 May 2022 12:33

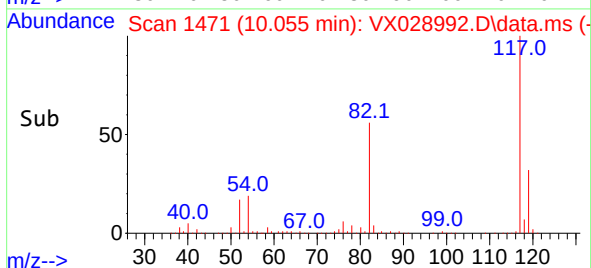
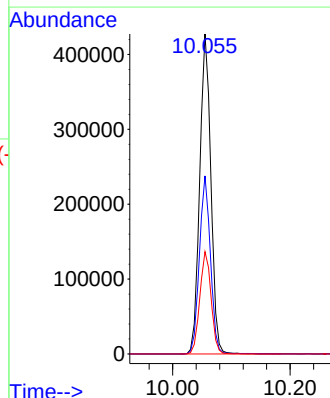
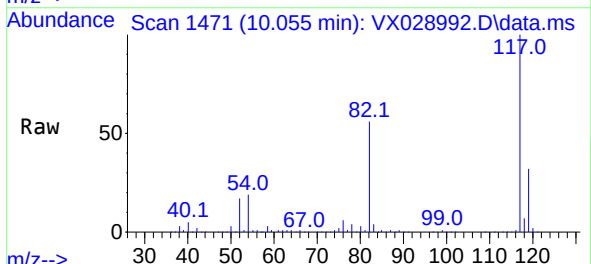
Instrument :  
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ClientSampleId :  
MW-12DL

Tgt Ion: 95 Resp: 276894  
Ion Ratio Lower Upper  
95 100  
174 76.8 0.0 163.0  
176 75.0 0.0 155.0

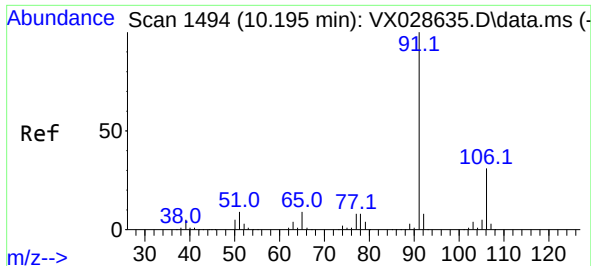


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX028992.D  
Acq: 26 May 2022 12:33

Tgt Ion: 117 Resp: 564102  
Ion Ratio Lower Upper  
117 100  
82 55.7 41.8 62.8  
119 32.0 24.8 37.2







#67

Ethyl Benzene

Concen: 51.326 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX028992.D

Acq: 26 May 2022 12:33

Instrument :

MSVOA\_X

ClientSampleId :

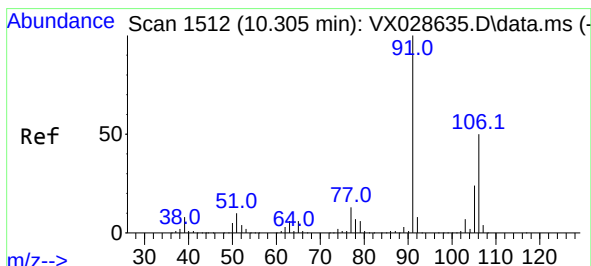
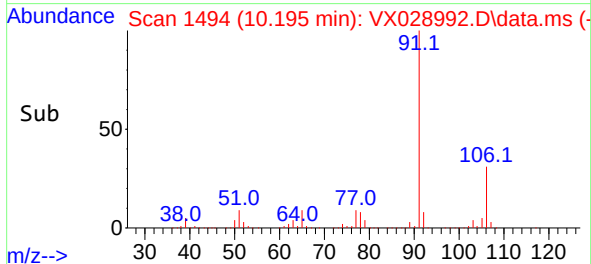
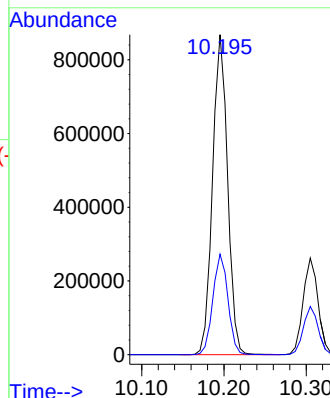
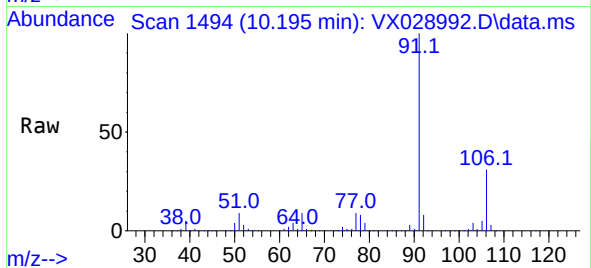
MW-12DL

Tgt Ion: 91 Resp: 1100937

Ion Ratio Lower Upper

91 100

106 31.4 24.6 36.8



#68

m/p-Xylenes

Concen: 19.690 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX028992.D

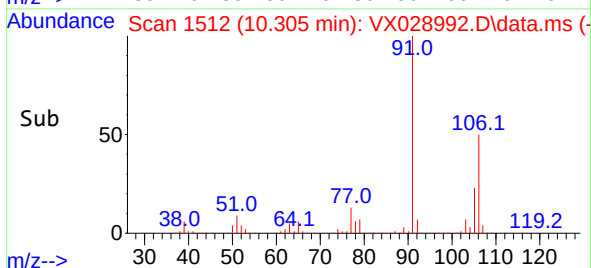
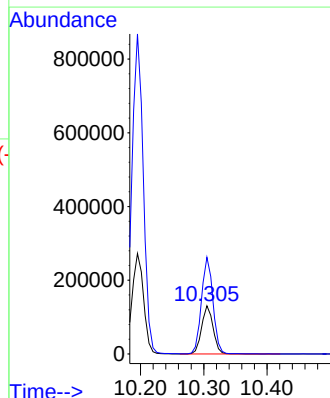
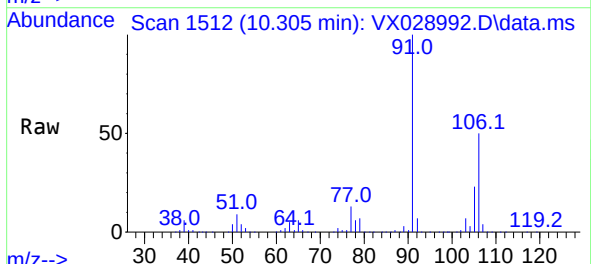
Acq: 26 May 2022 12:33

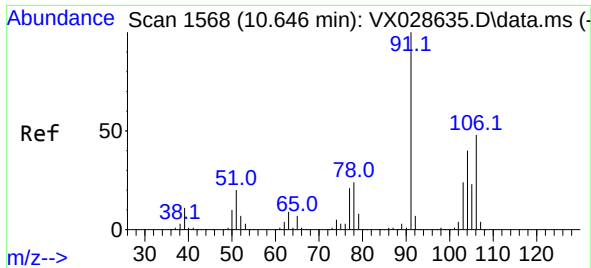
Tgt Ion:106 Resp: 164429

Ion Ratio Lower Upper

106 100

91 201.8 160.4 240.6

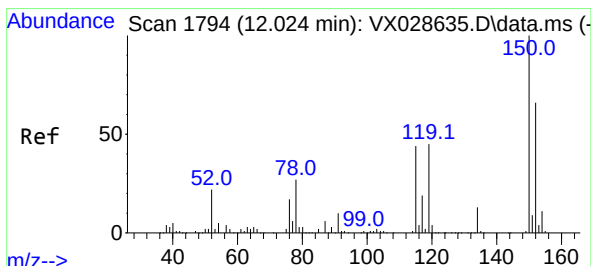
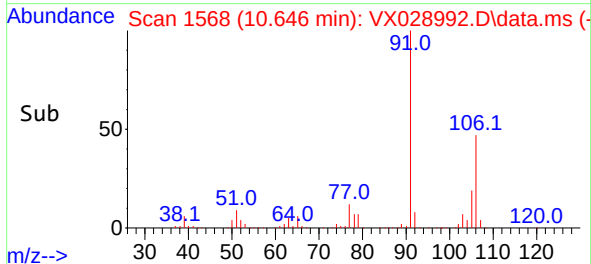
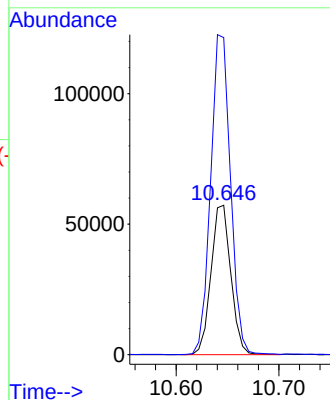
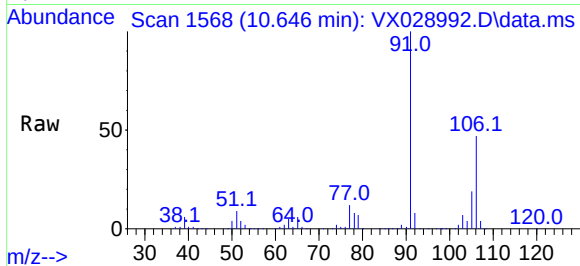




#69  
o-Xylene  
Concen: 9.319 ug/l  
RT: 10.646 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX028992.D  
Acq: 26 May 2022 12:33

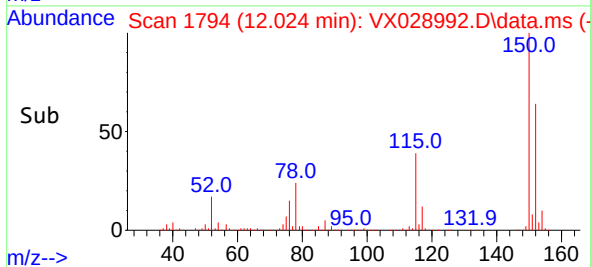
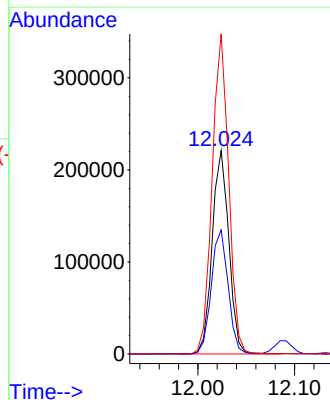
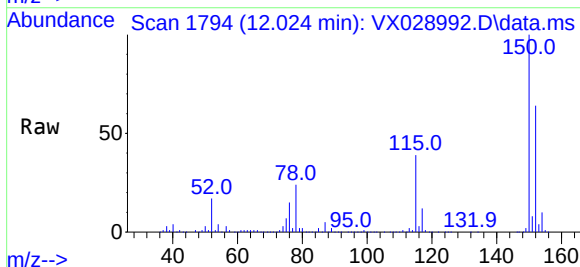
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-12DL

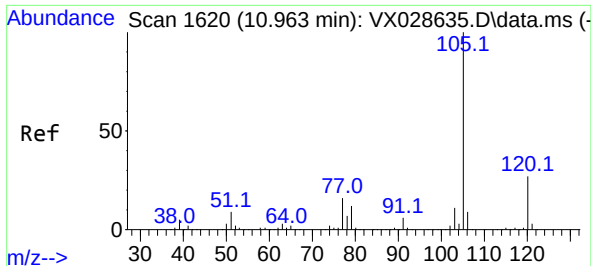
Tgt Ion:106 Resp: 76617  
Ion Ratio Lower Upper  
106 100  
91 214.7 106.1 318.1



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX028992.D  
Acq: 26 May 2022 12:33

Tgt Ion:152 Resp: 263603  
Ion Ratio Lower Upper  
152 100  
115 61.6 37.5 112.7  
150 156.6 0.0 338.2

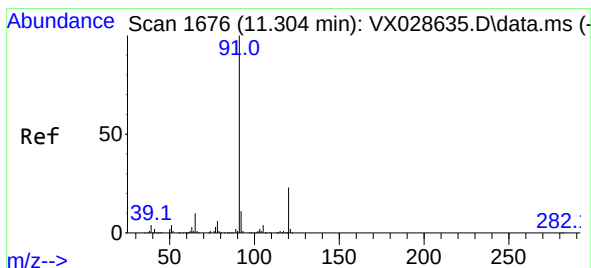
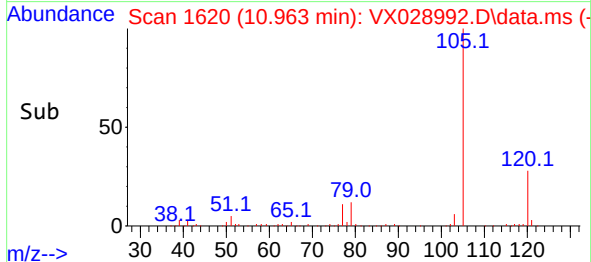
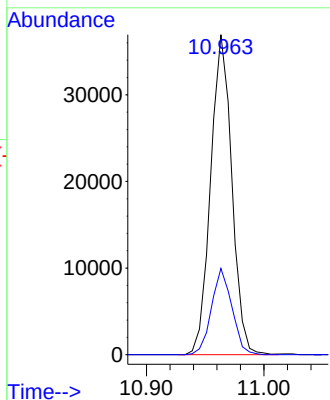
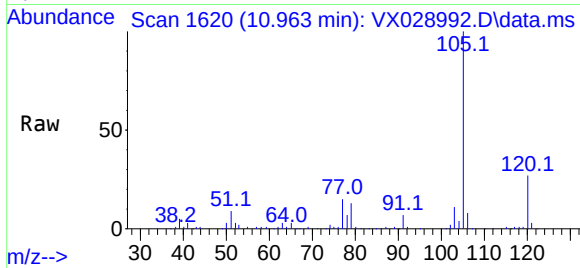




#73  
Isopropylbenzene  
Concen: 2.313 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VX028992.D  
Acq: 26 May 2022 12:33

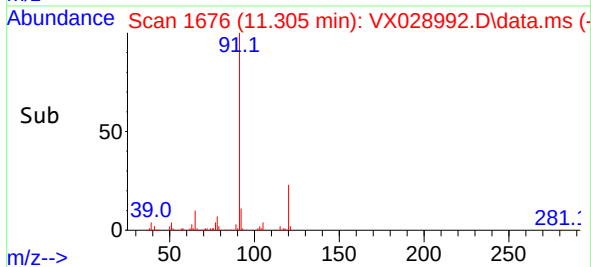
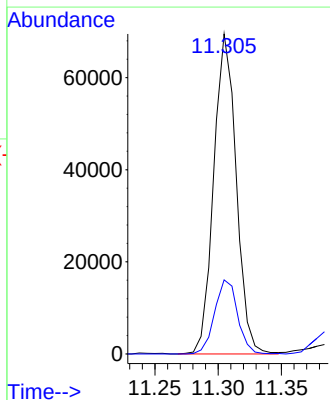
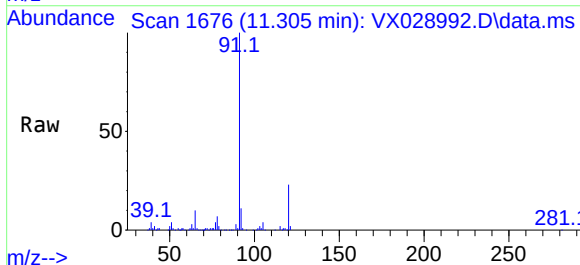
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-12DL

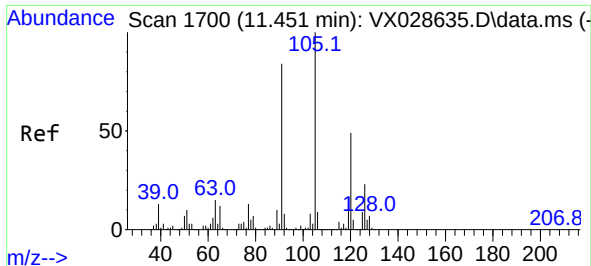
Tgt Ion:105 Resp: 46239  
Ion Ratio Lower Upper  
105 100  
120 26.0 13.5 40.5



#78  
n-propylbenzene  
Concen: 3.715 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. 0.001 min  
Lab File: VX028992.D  
Acq: 26 May 2022 12:33

Tgt Ion: 91 Resp: 85907  
Ion Ratio Lower Upper  
91 100  
120 23.6 11.6 34.8

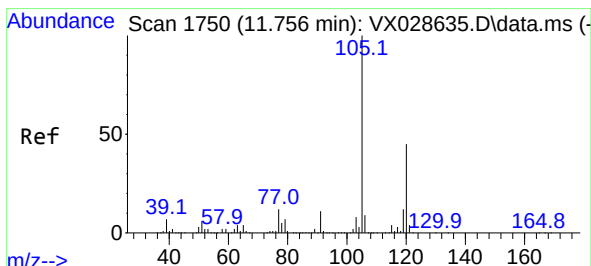
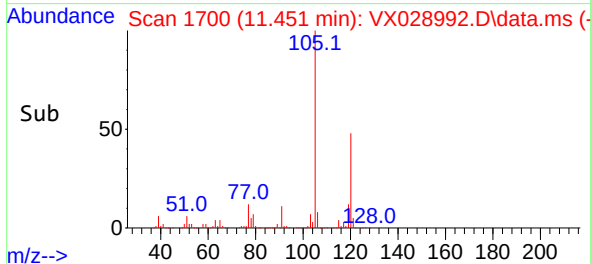
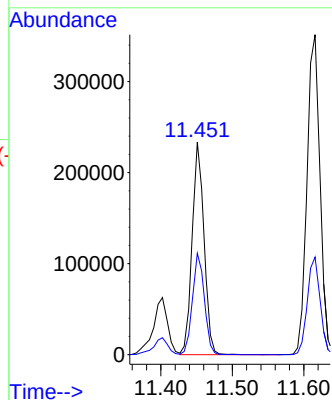
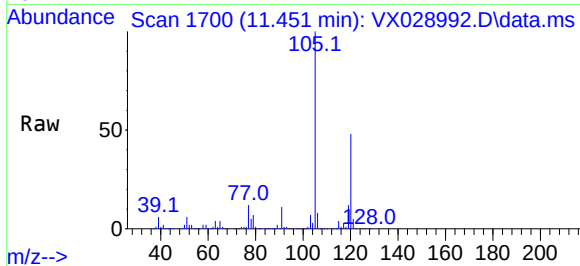




#80  
1,3,5-Trimethylbenzene  
Concen: 16.178 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX028992.D  
Acq: 26 May 2022 12:33

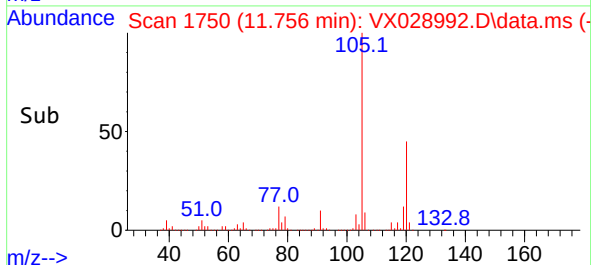
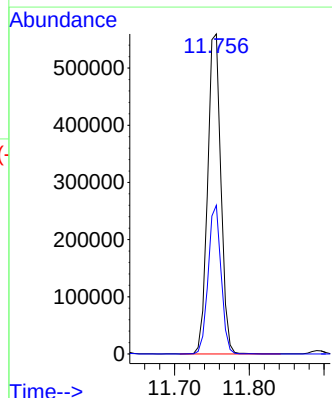
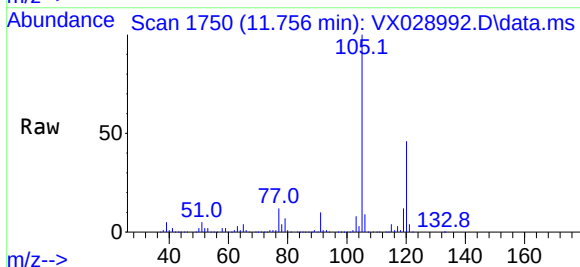
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-12DL

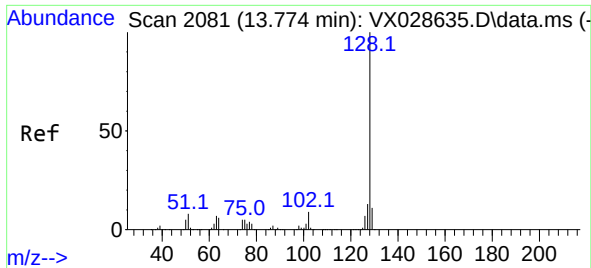
Tgt Ion:105 Resp: 269484  
Ion Ratio Lower Upper  
105 100  
120 47.9 24.3 72.9



#84  
1,2,4-Trimethylbenzene  
Concen: 41.210 ug/l  
RT: 11.756 min Scan# 1750  
Delta R.T. -0.000 min  
Lab File: VX028992.D  
Acq: 26 May 2022 12:33

Tgt Ion:105 Resp: 688338  
Ion Ratio Lower Upper  
105 100  
120 45.2 22.6 67.8





#95  
Naphthalene  
Concen: 5.128 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. -0.000 min  
Lab File: VX028992.D  
Acq: 26 May 2022 12:33

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-12DL

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 96054 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 12.4  | 10.2  | 15.4  |
| 129      | 11.2  | 8.7   | 13.1  |

