

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120622\  
 Data File : VX033262.D  
 Acq On : 06 Dec 2022 16:36  
 Operator : JC/MD  
 Sample : N5875-02DL 200X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-37DL

Quant Time: Dec 07 01:33:27 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112222W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 22 13:58:46 2022  
 Response via : Initial Calibration

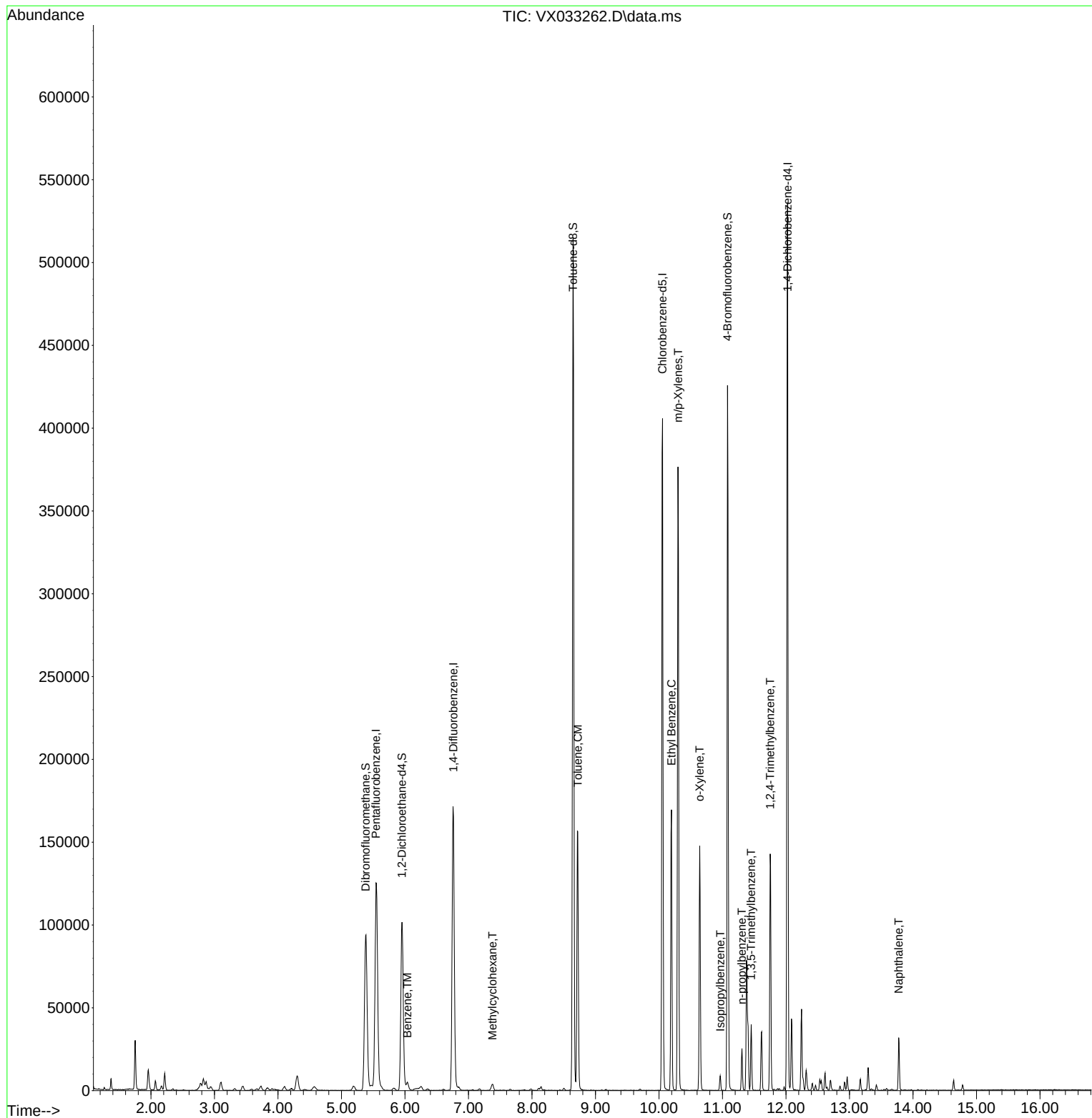
| Compound                    | R.T. QIon |                | Response | Conc    | Units     | Dev(Min) |
|-----------------------------|-----------|----------------|----------|---------|-----------|----------|
| -----                       |           |                |          |         |           |          |
| Internal Standards          |           |                |          |         |           |          |
| 1) Pentafluorobenzene       | 5.544     | 168            | 119591   | 50.000  | ug/l      | -0.01    |
| 34) 1,4-Difluorobenzene     | 6.763     | 114            | 178577   | 50.000  | ug/l      | 0.00     |
| 63) Chlorobenzene-d5        | 10.055    | 117            | 184641   | 50.000  | ug/l      | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024    | 152            | 114691   | 50.000  | ug/l      | 0.00     |
| System Monitoring Compounds |           |                |          |         |           |          |
| 33) 1,2-Dichloroethane-d4   | 5.952     | 65             | 104654   | 92.201  | ug/l      | 0.00     |
| Spiked Amount               | 50.000    | Range 78 - 117 | Recovery | =       | 184.400%# |          |
| 35) Dibromofluoromethane    | 5.379     | 113            | 82908    | 82.352  | ug/l      | 0.00     |
| Spiked Amount               | 50.000    | Range 75 - 124 | Recovery | =       | 164.700%# |          |
| 50) Toluene-d8              | 8.647     | 98             | 297923   | 100.534 | ug/l      | 0.00     |
| Spiked Amount               | 50.000    | Range 92 - 112 | Recovery | =       | 201.060%# |          |
| 62) 4-Bromofluorobenzene    | 11.079    | 95             | 107934   | 81.615  | ug/l      | 0.00     |
| Spiked Amount               | 50.000    | Range 83 - 123 | Recovery | =       | 163.240%# |          |
| Target Compounds            |           |                |          |         |           |          |
|                             |           |                |          |         | Qvalue    |          |
| 39) Methylcyclohexane       | 7.379     | 83             | 1806     | 0.983   | ug/l #    | 91       |
| 40) Benzene                 | 6.038     | 78             | 5592     | 1.239   | ug/l      | 98       |
| 52) Toluene                 | 8.720     | 92             | 60260    | 20.294  | ug/l      | 99       |
| 67) Ethyl Benzene           | 10.195    | 91             | 95111    | 14.565  | ug/l      | 98       |
| 68) m/p-Xylenes             | 10.299    | 106            | 86918    | 33.991  | ug/l      | 99       |
| 69) o-Xylene                | 10.640    | 106            | 31403    | 12.692  | ug/l      | 100      |
| 73) Isopropylbenzene        | 10.964    | 105            | 4847     | 0.591   | ug/l      | 98       |
| 78) n-propylbenzene         | 11.305    | 91             | 15158    | 1.618   | ug/l      | 98       |
| 80) 1,3,5-Trimethylbenzene  | 11.451    | 105            | 17296    | 2.512   | ug/l      | 94       |
| 84) 1,2,4-Trimethylbenzene  | 11.750    | 105            | 65602    | 9.556   | ug/l      | 99       |
| 95) Naphthalene             | 13.774    | 128            | 19951    | 2.720   | ug/l      | 98       |
| -----                       |           |                |          |         |           |          |

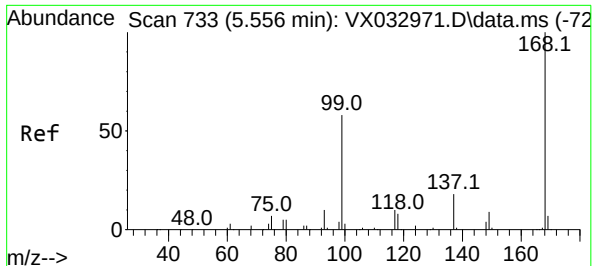
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
MSVOA\_X  
ClientSampleId :  
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Quant Title : SW846 8260  
QLast Update : Tue Nov 22 13:58:46 2022  
Response via : Initial Calibration

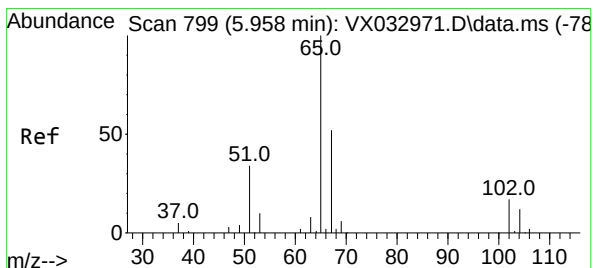
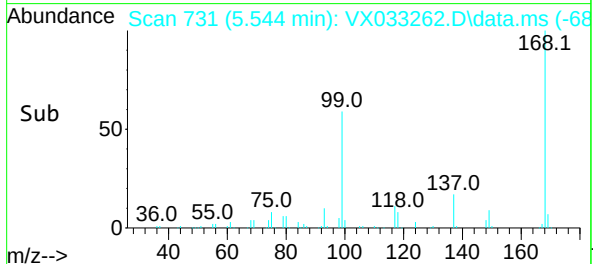
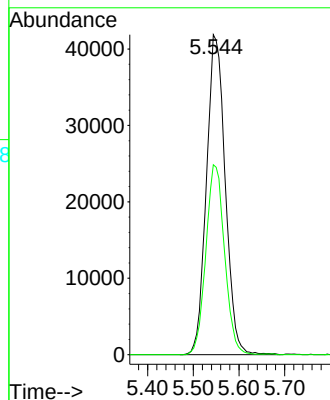
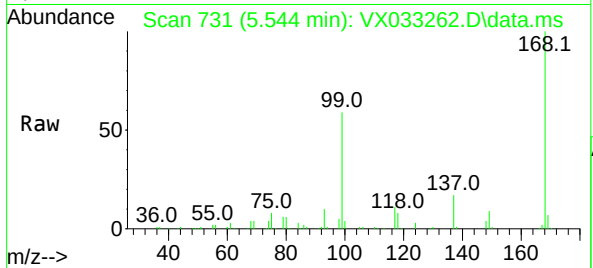




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 713  
Delta R.T. -0.012 min  
Lab File: VX033262.D  
Acq: 06 Dec 2022 16:36

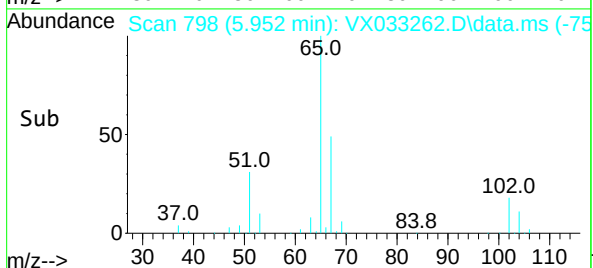
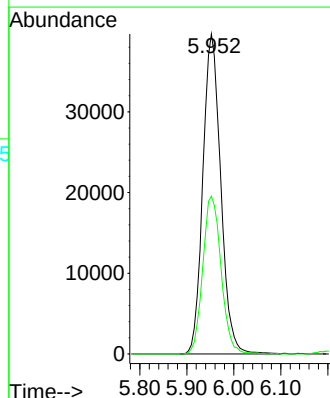
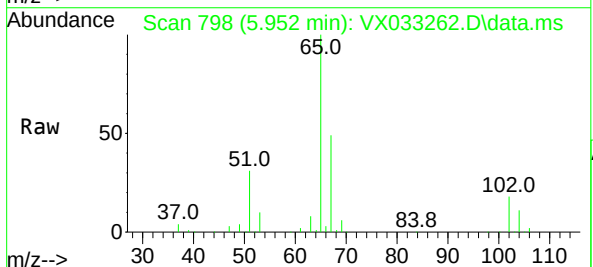
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-37DL

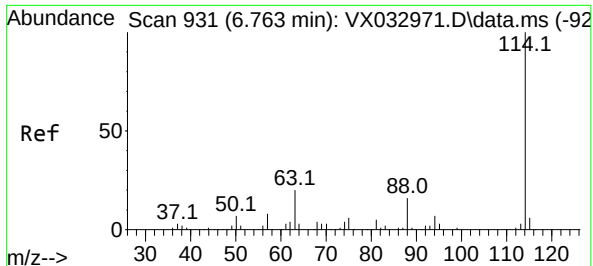
Tgt Ion:168 Resp: 119591  
Ion Ratio Lower Upper  
168 100  
99 59.4 46.1 69.1



#33  
1,2-Dichloroethane-d4  
Concen: 92.201 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.006 min  
Lab File: VX033262.D  
Acq: 06 Dec 2022 16:36

Tgt Ion: 65 Resp: 104654  
Ion Ratio Lower Upper  
65 100  
67 50.5 0.0 101.8

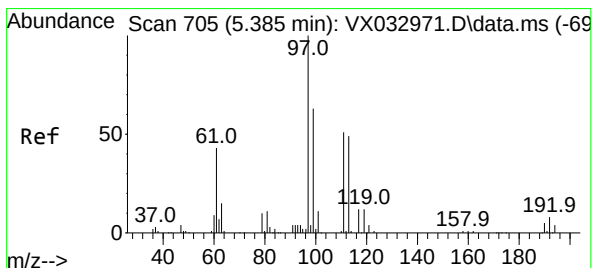
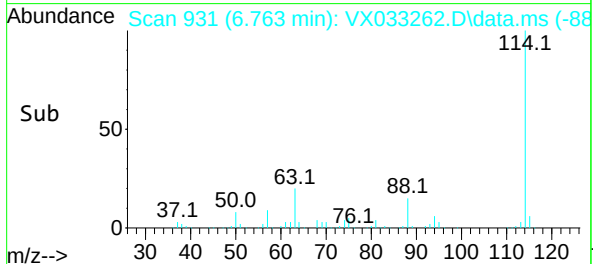
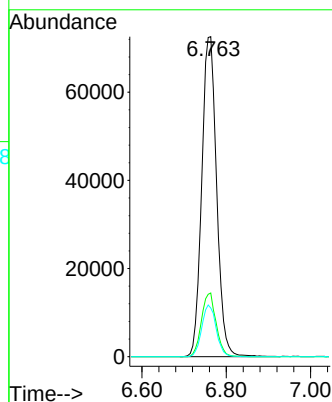
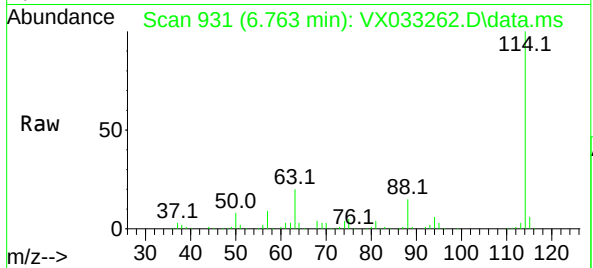




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX033262.D  
Acq: 06 Dec 2022 16:36

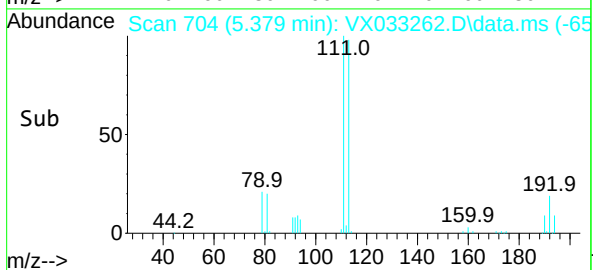
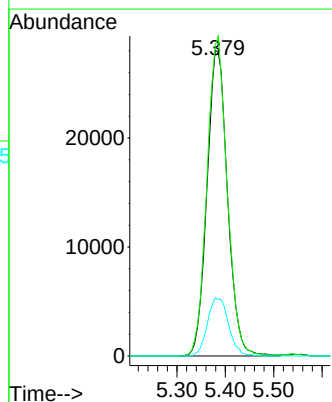
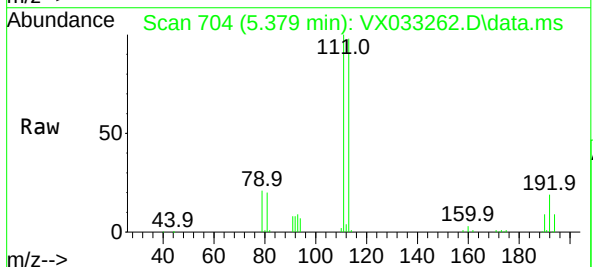
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-37DL

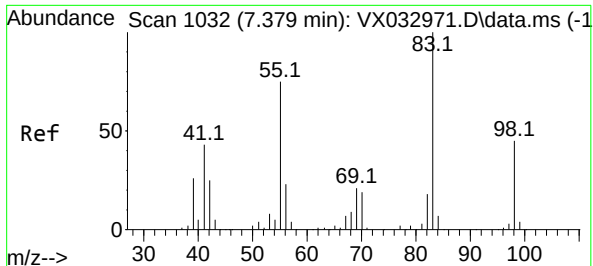
Tgt Ion:114 Resp: 178577  
Ion Ratio Lower Upper  
114 100  
63 19.9 0.0 41.6  
88 15.2 0.0 33.4



#35  
Dibromofluoromethane  
Concen: 82.352 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: VX033262.D  
Acq: 06 Dec 2022 16:36

Tgt Ion:113 Resp: 82908  
Ion Ratio Lower Upper  
113 100  
111 102.9 82.4 123.6  
192 19.5 15.4 23.2





#39

Methylcyclohexane

Concen: 0.983 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX033262.D

Acq: 06 Dec 2022 16:36

Instrument :

MSVOA\_X

ClientSampleId :

MW-37DL

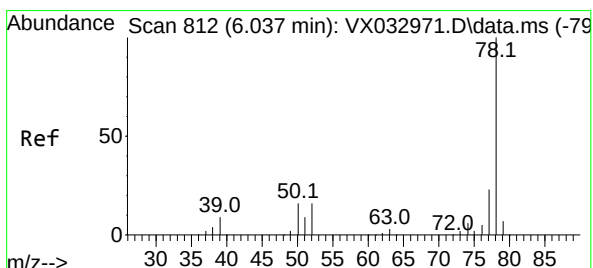
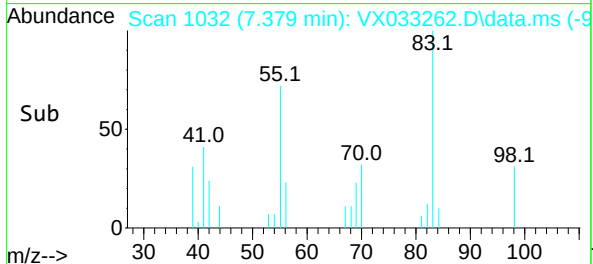
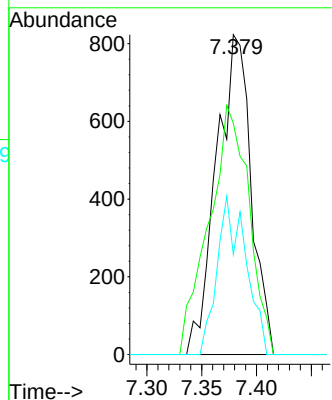
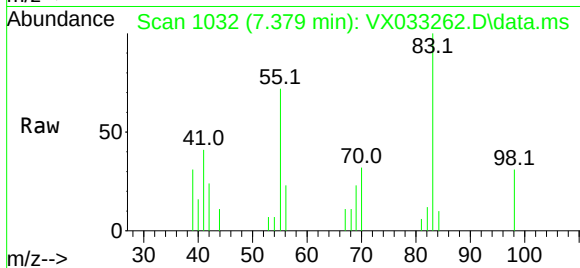
Tgt Ion: 83 Resp: 1806

Ion Ratio Lower Upper

83 100

55 72.3 58.4 87.6

98 31.3 37.2 55.8#



#40

Benzene

Concen: 1.239 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.001 min

Lab File: VX033262.D

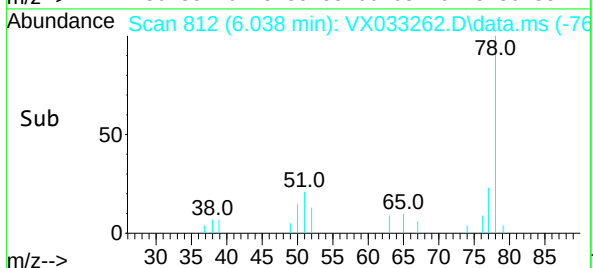
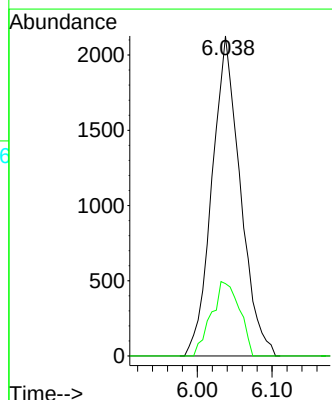
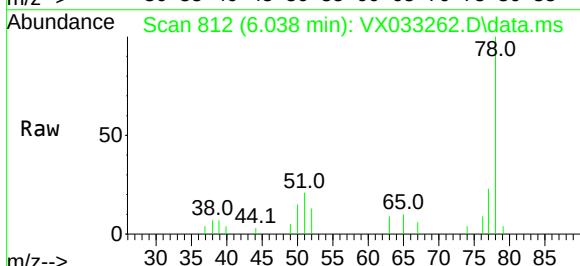
Acq: 06 Dec 2022 16:36

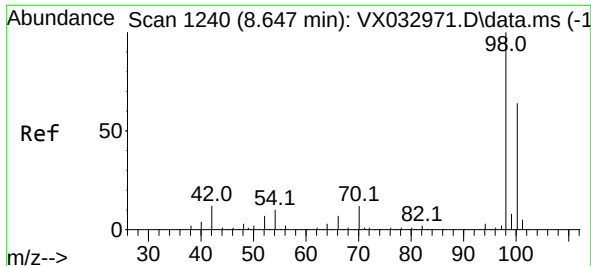
Tgt Ion: 78 Resp: 5592

Ion Ratio Lower Upper

78 100

77 22.6 19.0 28.4

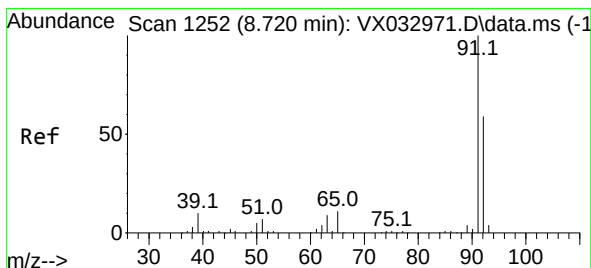
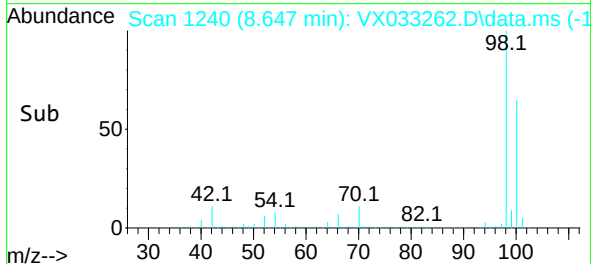
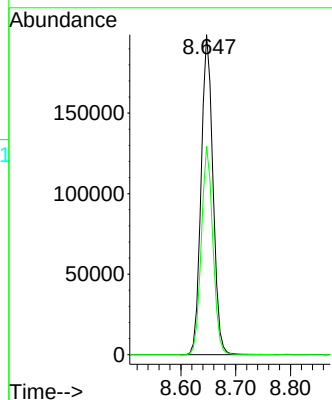
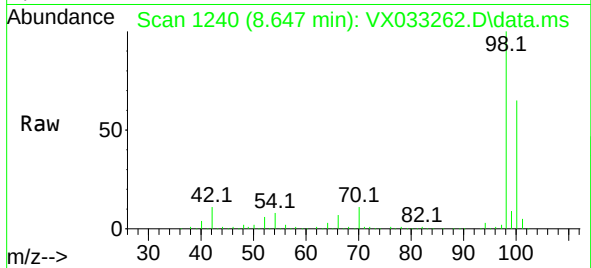




#50  
Toluene-d8  
Concen: 100.534 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.006 min  
Lab File: VX033262.D  
Acq: 06 Dec 2022 16:36

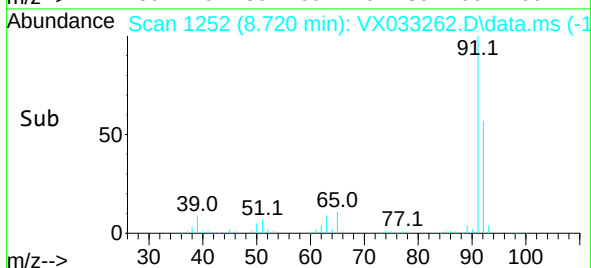
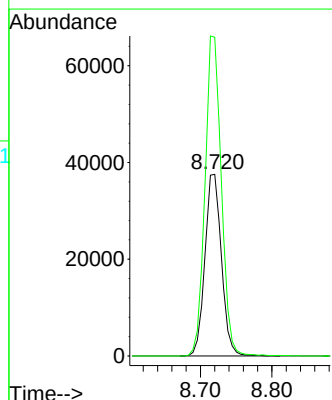
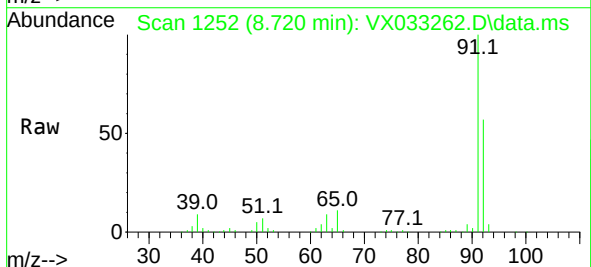
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-37DL

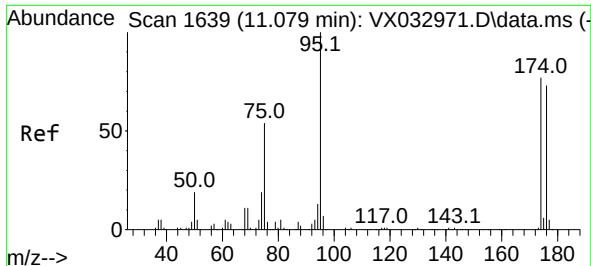
Tgt Ion: 98 Resp: 297923  
Ion Ratio Lower Upper  
98 100  
100 63.9 50.9 76.3



#52  
Toluene  
Concen: 20.294 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: VX033262.D  
Acq: 06 Dec 2022 16:36

Tgt Ion: 92 Resp: 60260  
Ion Ratio Lower Upper  
92 100  
91 174.6 138.3 207.5





#62

4-Bromofluorobenzene

Concen: 81.615 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033262.D

Acq: 06 Dec 2022 16:36

Instrument :

MSVOA\_X

ClientSampleId :

MW-37DL

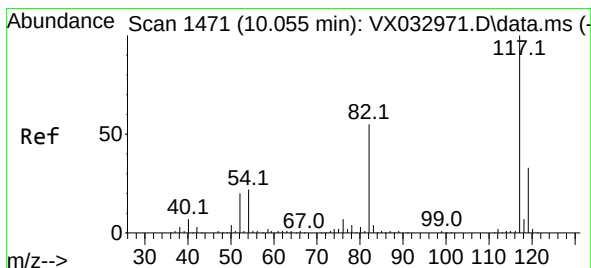
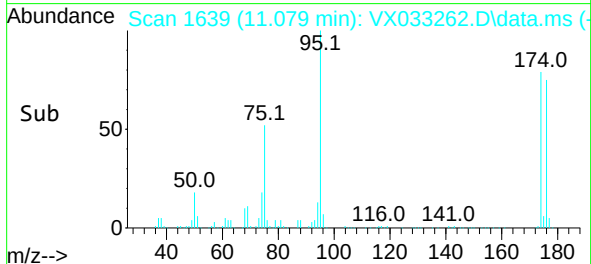
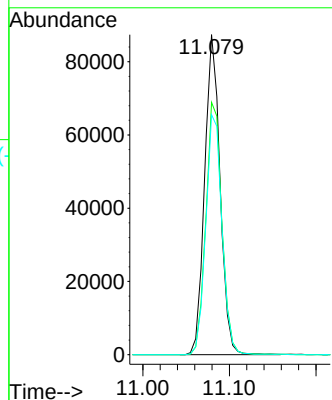
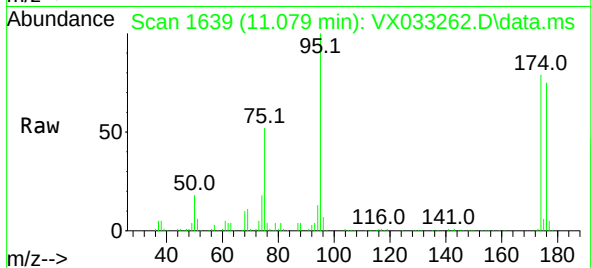
Tgt Ion: 95 Resp: 107934

Ion Ratio Lower Upper

95 100

174 82.3 0.0 164.0

176 79.0 0.0 154.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX033262.D

Acq: 06 Dec 2022 16:36

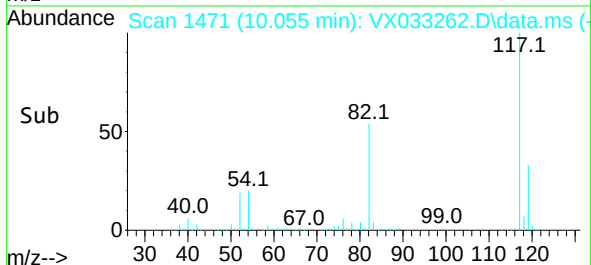
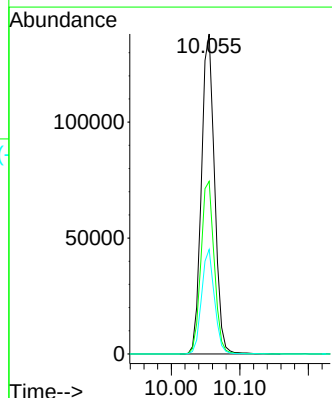
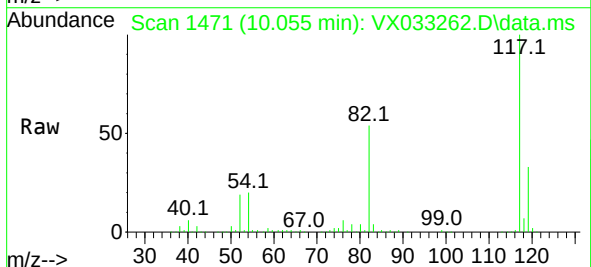
Tgt Ion: 117 Resp: 184641

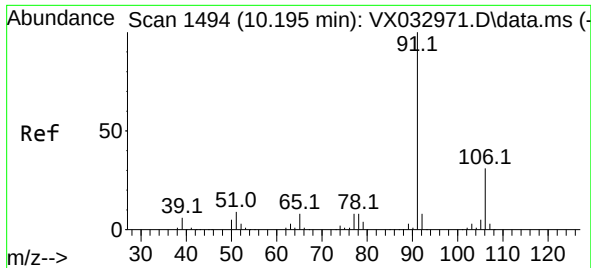
Ion Ratio Lower Upper

117 100

82 54.0 44.3 66.5

119 32.7 25.7 38.5

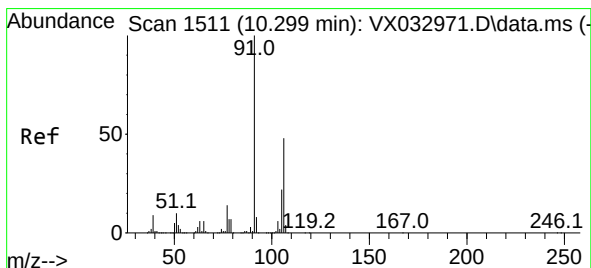
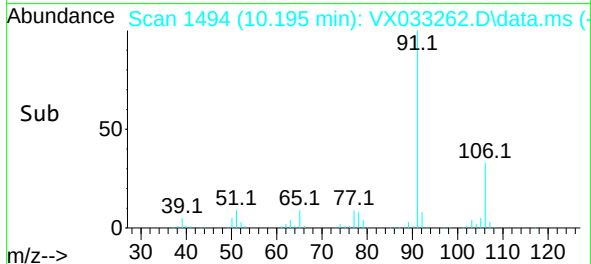
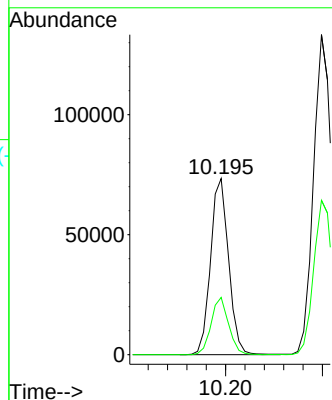
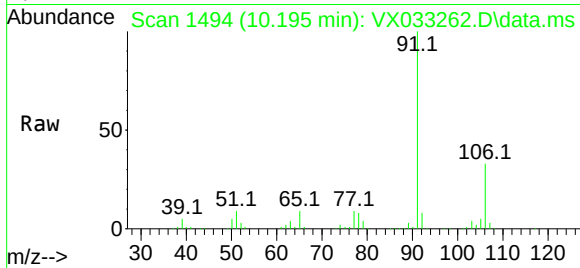




#67  
Ethyl Benzene  
Concen: 14.565 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX033262.D  
Acq: 06 Dec 2022 16:36

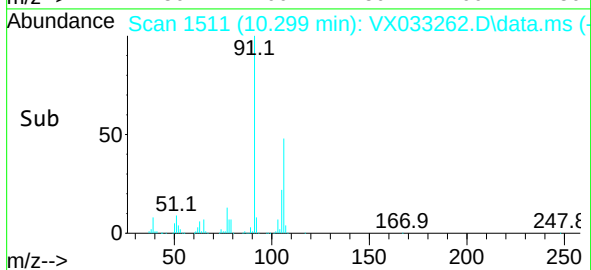
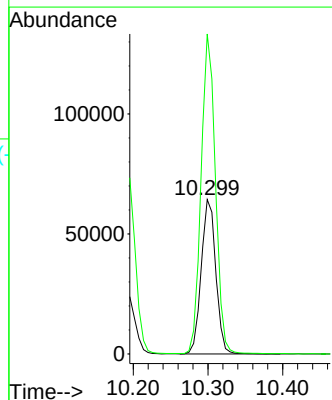
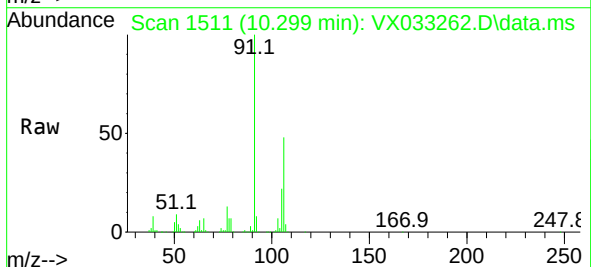
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-37DL

Tgt Ion: 91 Resp: 95111  
Ion Ratio Lower Upper  
91 100  
106 32.5 25.0 37.6

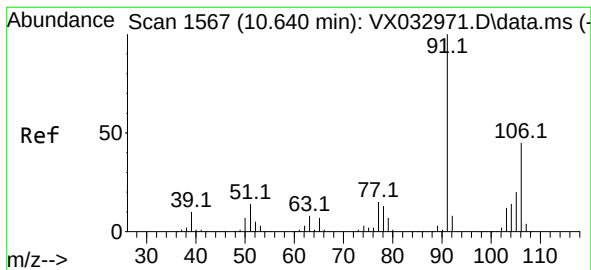


#68  
m/p-Xylenes  
Concen: 33.991 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.006 min  
Lab File: VX033262.D  
Acq: 06 Dec 2022 16:36

Tgt Ion: 106 Resp: 86918  
Ion Ratio Lower Upper  
106 100  
91 203.7 164.5 246.7







#69

o-Xylene

Concen: 12.692 ug/l

RT: 10.640 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033262.D

Acq: 06 Dec 2022 16:36

Instrument :

MSVOA\_X

ClientSampleId :

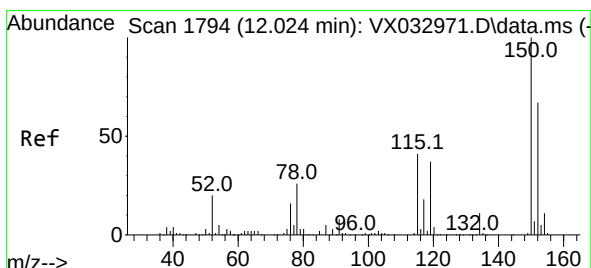
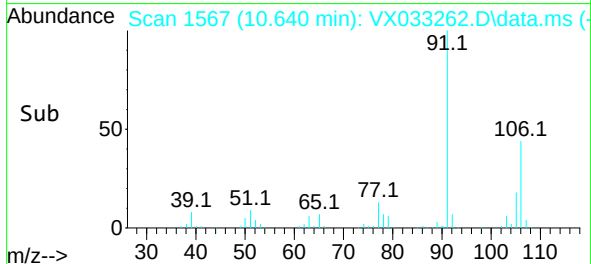
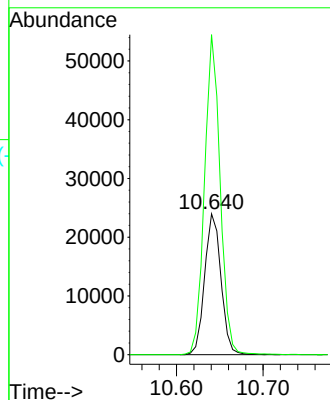
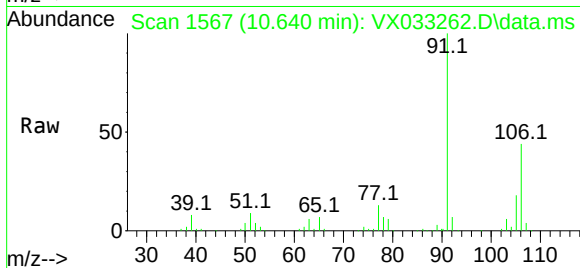
MW-37DL

Tgt Ion:106 Resp: 31403

Ion Ratio Lower Upper

106 100

91 217.6 109.2 327.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX033262.D

Acq: 06 Dec 2022 16:36

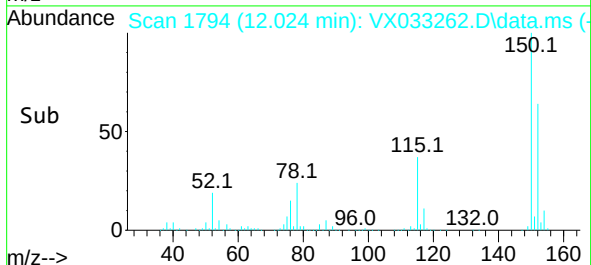
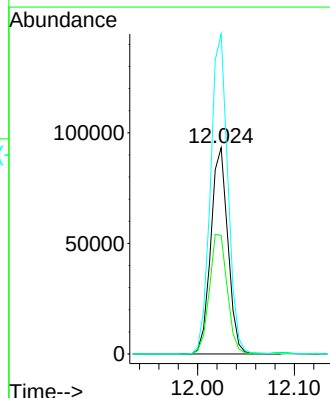
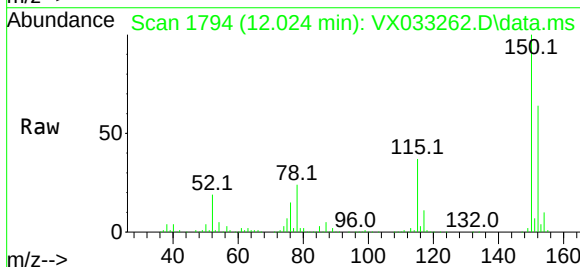
Tgt Ion:152 Resp: 114691

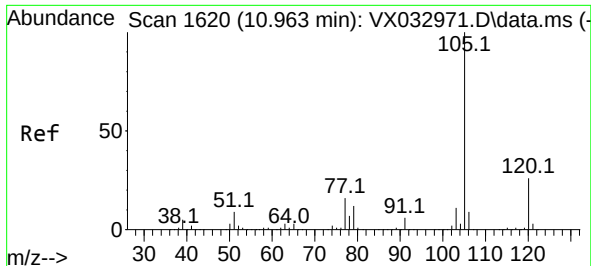
Ion Ratio Lower Upper

152 100

115 60.5 44.0 132.0

150 157.4 0.0 351.8

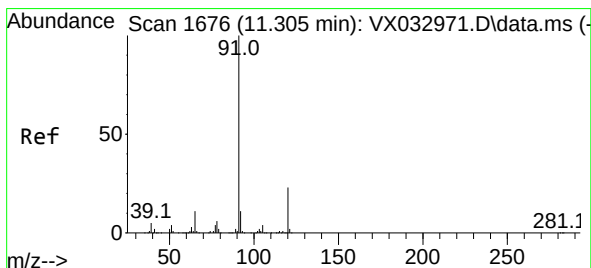
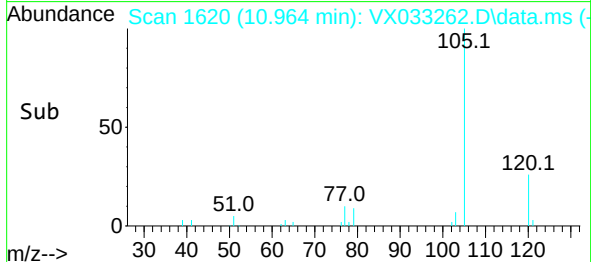
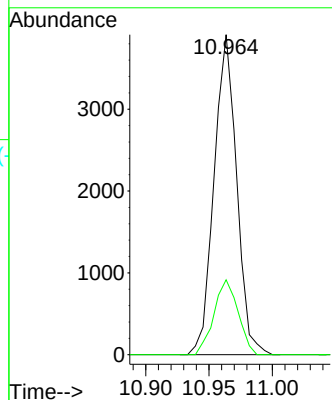
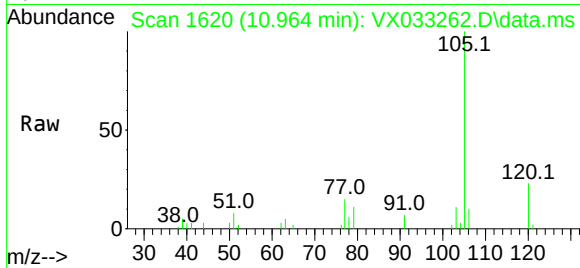




#73  
Isopropylbenzene  
Concen: 0.591 ug/l  
RT: 10.964 min Scan# 1620  
Delta R.T. 0.001 min  
Lab File: VX033262.D  
Acq: 06 Dec 2022 16:36

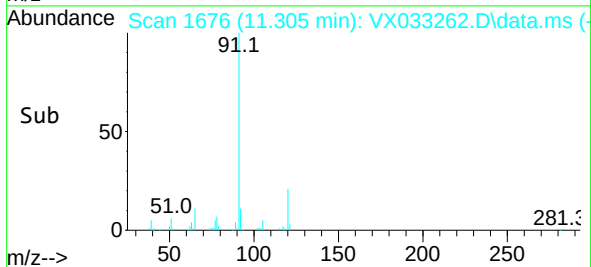
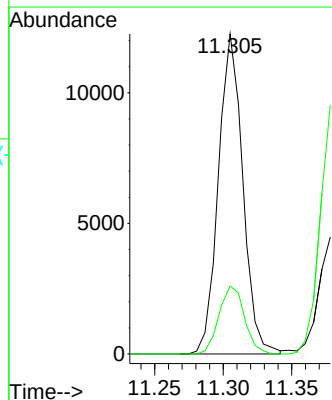
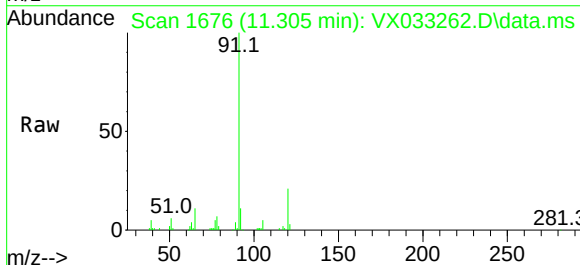
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-37DL

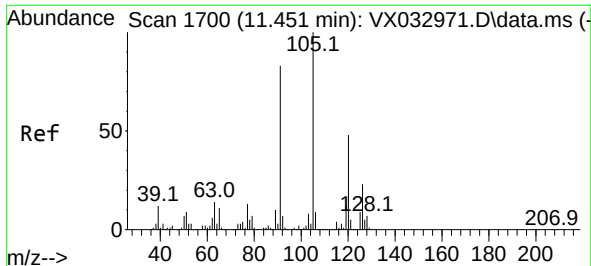
Tgt Ion:105 Resp: 4847  
Ion Ratio Lower Upper  
105 100  
120 25.0 13.1 39.3



#78  
n-propylbenzene  
Concen: 1.618 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VX033262.D  
Acq: 06 Dec 2022 16:36

Tgt Ion: 91 Resp: 15158  
Ion Ratio Lower Upper  
91 100  
120 22.1 11.6 34.8

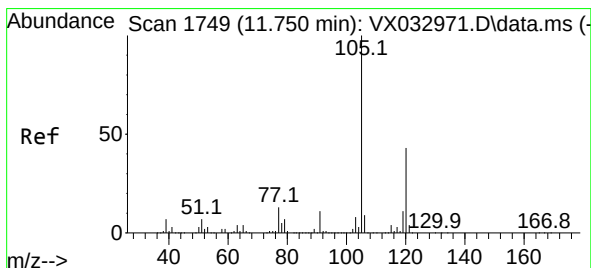
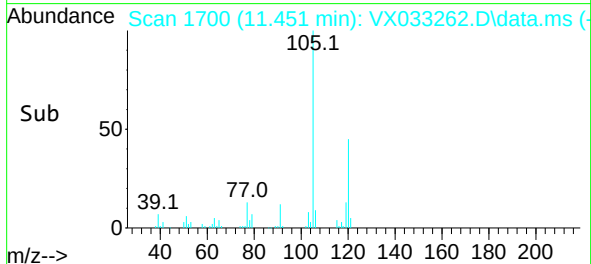
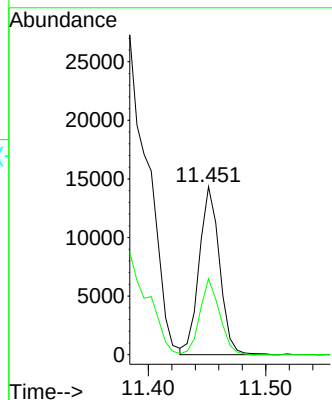
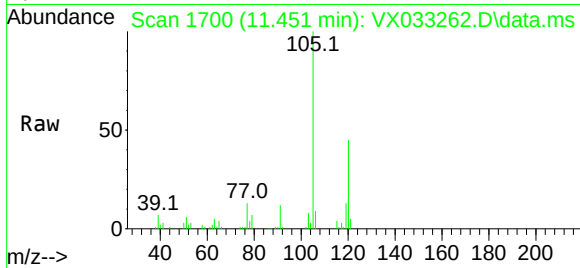




#80  
 1,3,5-Trimethylbenzene  
 Concen: 2.512 ug/l  
 RT: 11.451 min Scan# 1700  
 Delta R.T. 0.000 min  
 Lab File: VX033262.D  
 Acq: 06 Dec 2022 16:36

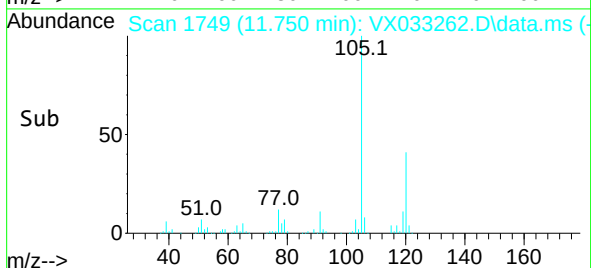
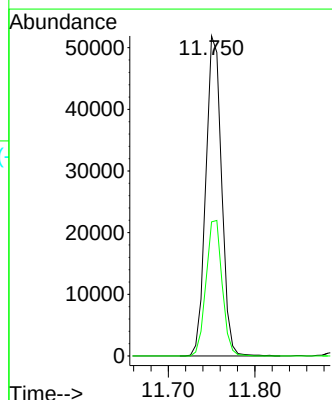
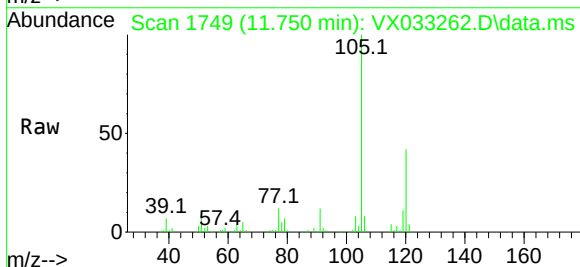
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-37DL

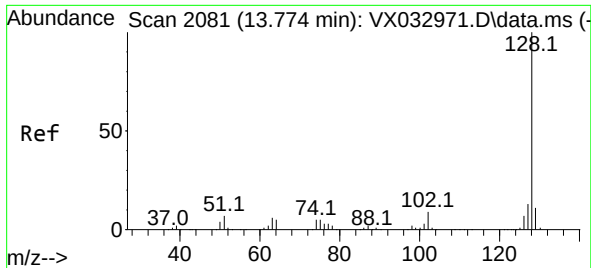
Tgt Ion:105 Resp: 17296  
 Ion Ratio Lower Upper  
 105 100  
 120 43.6 23.6 71.0



#84  
 1,2,4-Trimethylbenzene  
 Concen: 9.556 ug/l  
 RT: 11.750 min Scan# 1749  
 Delta R.T. 0.000 min  
 Lab File: VX033262.D  
 Acq: 06 Dec 2022 16:36

Tgt Ion:105 Resp: 65602  
 Ion Ratio Lower Upper  
 105 100  
 120 43.4 21.9 65.5





#95

Naphthalene

Concen: 2.720 ug/l

RT: 13.774 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX033262.D

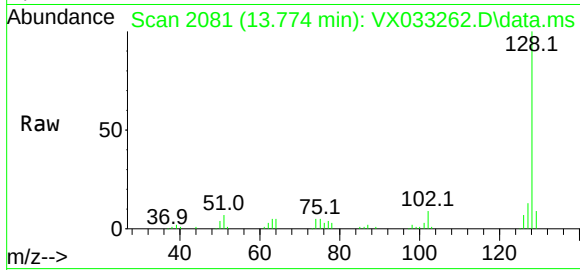
Acq: 06 Dec 2022 16:36

Instrument :

MSVOA\_X

ClientSampleId :

MW-37DL



Tgt Ion:128 Resp: 19951

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.4

129 10.0 8.9 13.3

