

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX101022\  
 Data File : VX032022.D  
 Acq On : 10 Oct 2022 19:00  
 Operator : JC/MD  
 Sample : N4941-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-5R

Quant Time: Oct 11 05:14:02 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100622W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 06 14:28:46 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|-----------|--------|----------|
| -----                         |        |       |          |           |        |          |
| Internal Standards            |        |       |          |           |        |          |
| 1) Pentafluorobenzene         | 5.556  | 168   | 66736    | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.763  | 114   | 101739   | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117   | 105040   | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024 | 152   | 65242    | 50.000    | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.958  | 65    | 68696    | 49.843    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 74 - 125 | Recovery  | =      | 99.680%  |
| 35) Dibromofluoromethane      | 5.385  | 113   | 55653    | 48.326    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery  | =      | 96.660%  |
| 50) Toluene-d8                | 8.647  | 98    | 205756   | 49.652    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 86 - 113 | Recovery  | =      | 99.300%  |
| 62) 4-Bromofluorobenzene      | 11.079 | 95    | 67303    | 45.941    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery  | =      | 91.880%  |
| Target Compounds              |        |       |          |           |        |          |
|                               |        |       |          |           | Qvalue |          |
| 3) Chloromethane              | 1.288  | 50    | 1751     | 1.684     | ug/l # | 41       |
| 5) Bromomethane               | 1.611  | 94    | 378      | Below Cal | #      | 49       |
| 6) Chloroethane               | 1.709  | 64    | 1014     | 0.980     | ug/l # | 54       |
| 10) Methyl Iodide             | 2.447  | 142   | 50       | 2.797     | ug/l # | 38       |
| 11) Tert butyl alcohol        | 2.971  | 59    | 367      | 2.140     | ug/l # | 10       |
| 15) Acrylonitrile             | 3.117  | 53    | 110      | 0.201     | ug/l # | 27       |
| 16) Acetone                   | 2.386  | 43    | 2735     | 5.839     | ug/l   | 90       |
| 17) Carbon Disulfide          | 2.532  | 76    | 692      | 0.317     | ug/l # | 75       |
| 19) Methyl tert-butyl Ether   | 3.117  | 73    | 15011    | 4.401     | ug/l   | 97       |
| 22) Diisopropyl ether         | 3.757  | 45    | 2363     | 0.727     | ug/l # | 87       |
| 23) Vinyl Acetate             | 3.757  | 43    | 1332     | 0.548     | ug/l # | 71       |
| 25) 2-Butanone                | 4.593  | 43    | 263      | 0.359     | ug/l # | 49       |
| 31) Cyclohexane               | 5.477  | 56    | 348      | 0.211     | ug/l # | 52       |
| 36) 1,1-Dichloropropene       | 5.556  | 75    | 5281     | 3.458     | ug/l # | 49       |
| 38) Carbon Tetrachloride      | 5.556  | 117   | 7075     | 4.531     | ug/l # | 19       |
| 40) Benzene                   | 6.037  | 78    | 25088    | 5.610     | ug/l   | 98       |
| 52) Toluene                   | 8.720  | 92    | 1509     | 0.516     | ug/l   | 94       |
| 67) Ethyl Benzene             | 10.195 | 91    | 13553    | 2.517     | ug/l   | 97       |
| 68) m/p-Xylenes               | 10.305 | 106   | 2523     | 1.179     | ug/l   | 100      |
| 69) o-Xylene                  | 10.646 | 106   | 4335     | 2.084     | ug/l   | 98       |
| 73) Isopropylbenzene          | 10.963 | 105   | 5481     | 1.114     | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75    | 36819    | 27.536    | ug/l # | 36       |
| 78) n-propylbenzene           | 11.305 | 91    | 1408     | 0.252     | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 11.402 | 91    | 741      | 0.220     | ug/l # | 40       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105   | 2151     | 0.527     | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75    | 36819    | 94.281    | ug/l # | 11       |
| 83) tert-Butylbenzene         | 11.756 | 119   | 1305     | 0.323     | ug/l # | 57       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105   | 10706    | 2.582     | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.750 | 105   | 10706    | 2.141     | ug/l # | 56       |
| 86) p-Isopropyltoluene        | 12.012 | 119   | 880      | 0.209     | ug/l # | 66       |
| 89) n-Butylbenzene            | 12.244 | 91    | 22896    | 6.494     | ug/l # | 42       |
| 90) Hexachloroethane          | 12.701 | 117   | 13827    | 21.420    | ug/l # | 15       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.969 | 75    | 1219     | 4.260     | ug/l # | 3        |
| 95) Naphthalene               | 13.774 | 128   | 649750   | 136.154   | ug/l   | 100      |
| -----                         |        |       |          |           |        |          |

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Sample : N4941-01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-5R

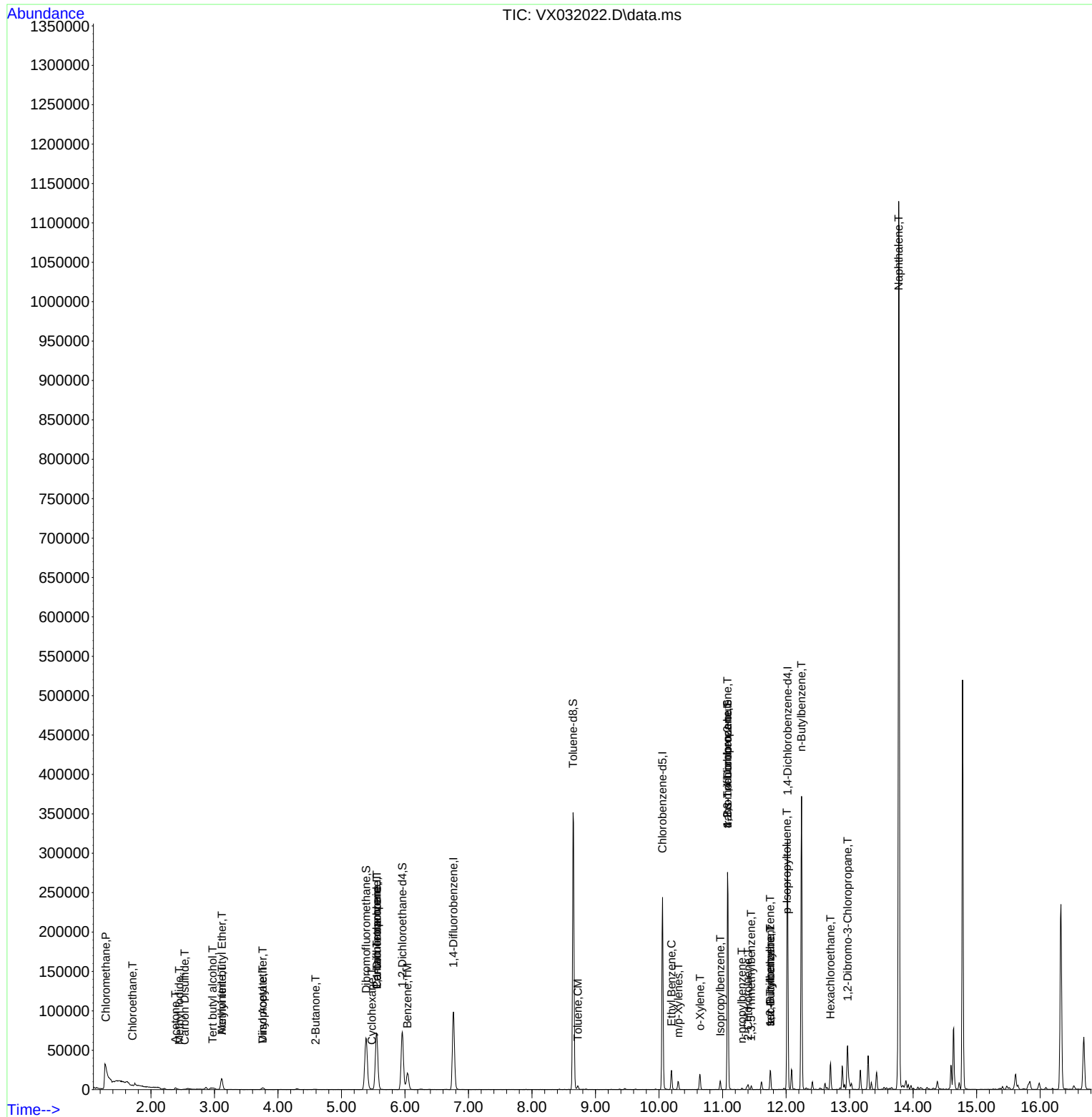
Quant Time: Oct 11 05:14:02 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100622W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 06 14:28:46 2022  
Response via : Initial Calibration

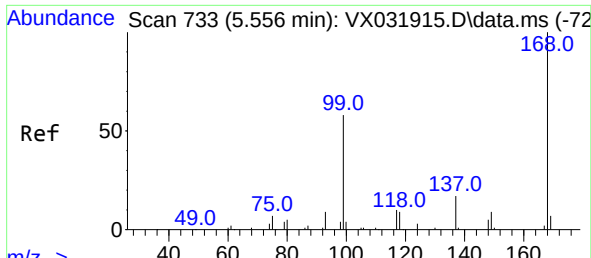
| Compound                                                             | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                |      |      |          |      |       |          |
| (#)=qualifier out of range (m)=manual integration (+)=signals summed |      |      |          |      |       |          |

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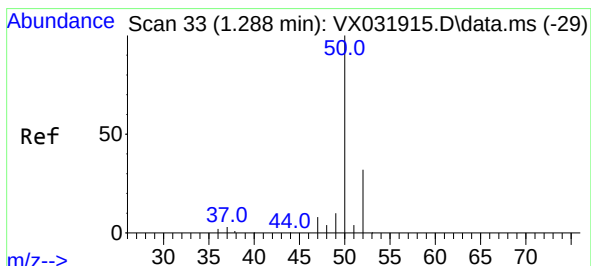
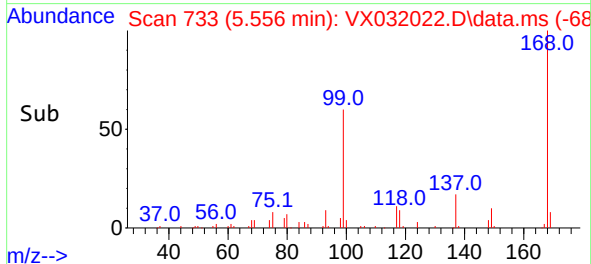
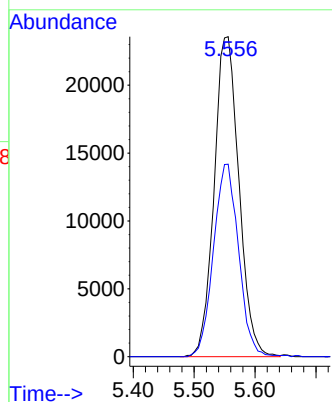
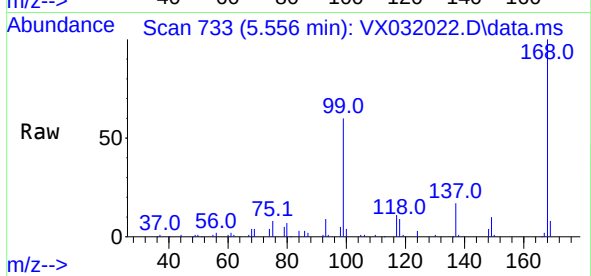




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. -0.000 min  
Lab File: VX032022.D  
Acq: 10 Oct 2022 19:00

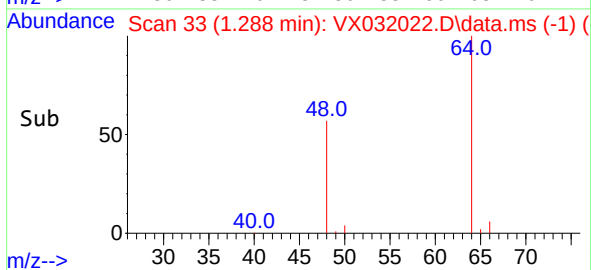
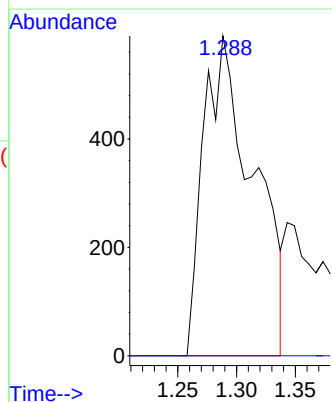
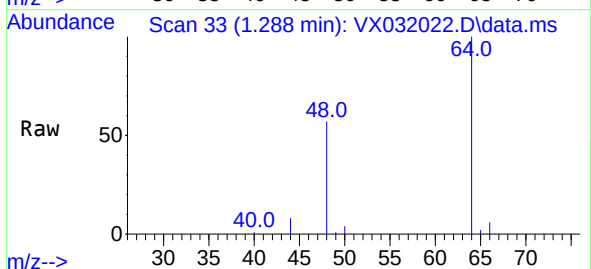
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-5R

Tgt Ion:168 Resp: 66736  
Ion Ratio Lower Upper  
168 100  
99 60.2 48.8 73.2

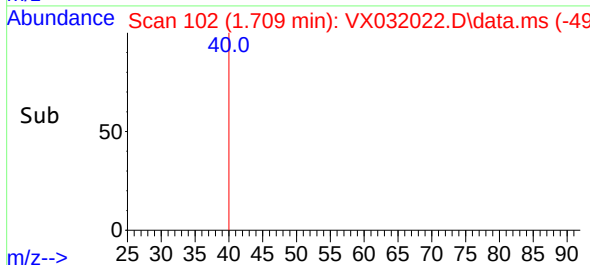
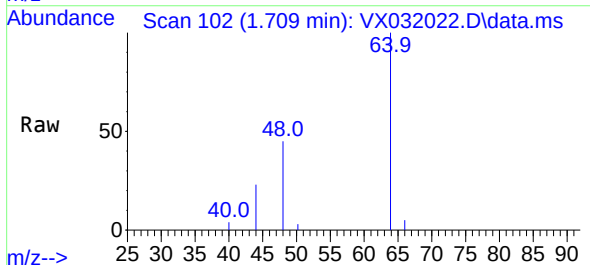
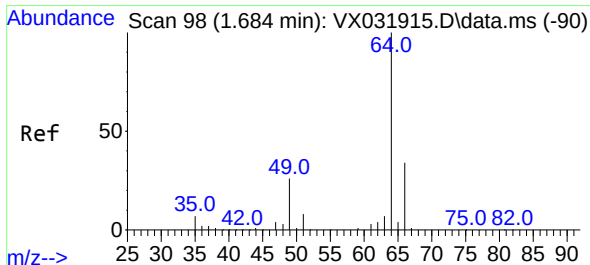
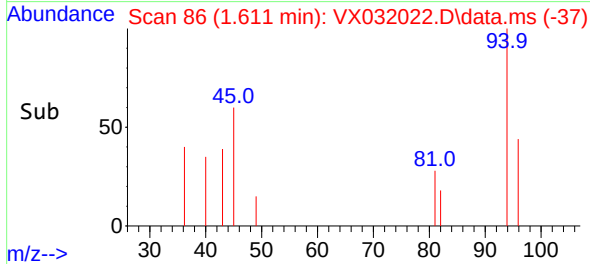
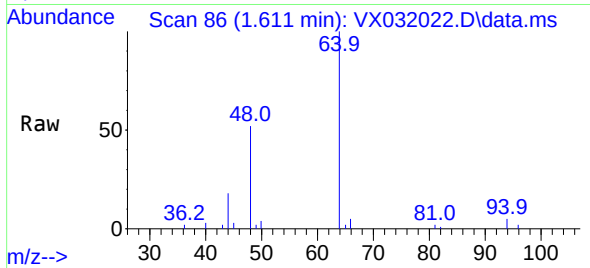
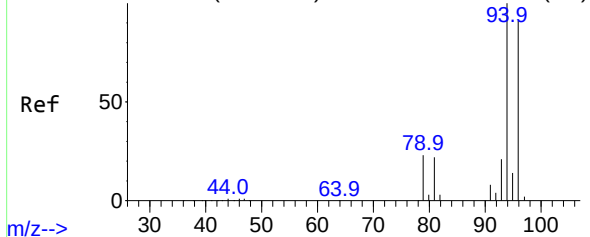


#3  
Chloromethane  
Concen: 1.684 ug/l  
RT: 1.288 min Scan# 33  
Delta R.T. 0.000 min  
Lab File: VX032022.D  
Acq: 10 Oct 2022 19:00

Tgt Ion: 50 Resp: 1751  
Ion Ratio Lower Upper  
50 100  
52 0.0 26.9 40.3#



Abundance Scan 86 (1.611 min): VX031915.D\data.ms (-81)



#5

Bromomethane

Concen: Below Cal

RT: 1.611 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX032022.D

Acq: 10 Oct 2022 19:00

Instrument :

MSVOA\_X

ClientSampleId :

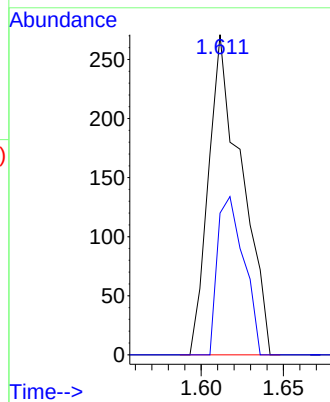
MW-5R

Tgt Ion: 94 Resp: 378

Ion Ratio Lower Upper

94 100

96 44.3 74.4 111.6#



#6

Chloroethane

Concen: 0.980 ug/l

RT: 1.709 min Scan# 102

Delta R.T. 0.025 min

Lab File: VX032022.D

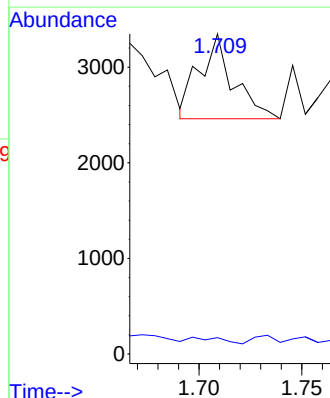
Acq: 10 Oct 2022 19:00

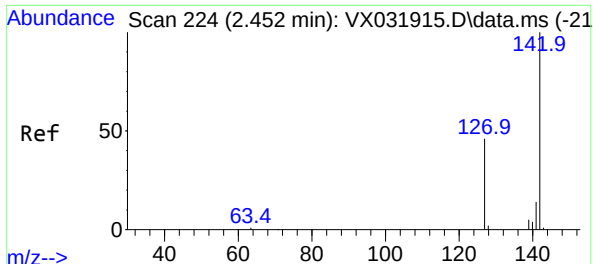
Tgt Ion: 64 Resp: 1014

Ion Ratio Lower Upper

64 100

66 5.6 25.0 37.4#

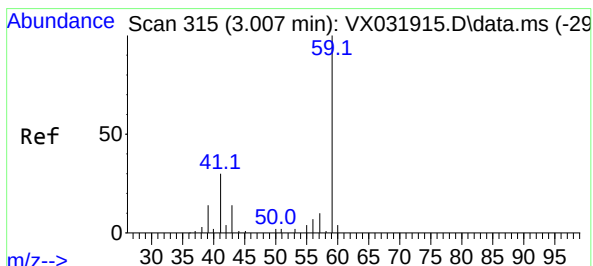
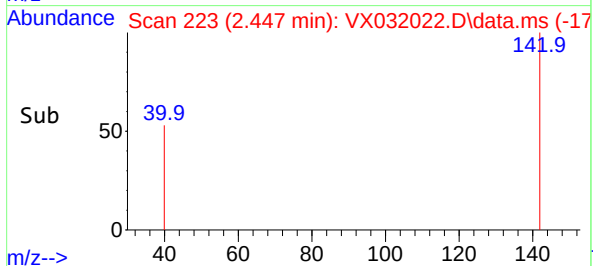
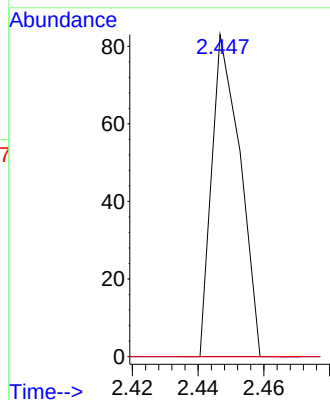
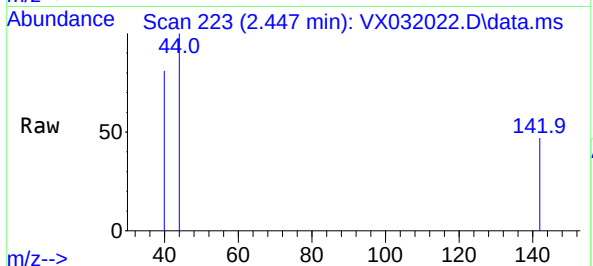




#10  
Methyl Iodide  
Concen: 2.797 ug/l  
RT: 2.447 min Scan# 21  
Delta R.T. -0.005 min  
Lab File: VX032022.D  
Acq: 10 Oct 2022 19:00

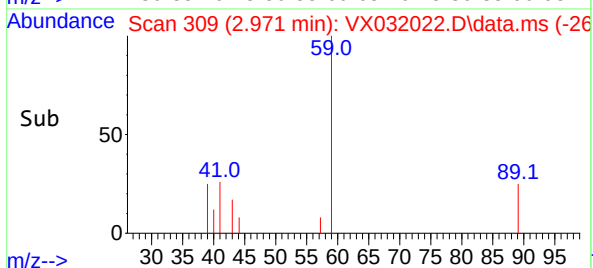
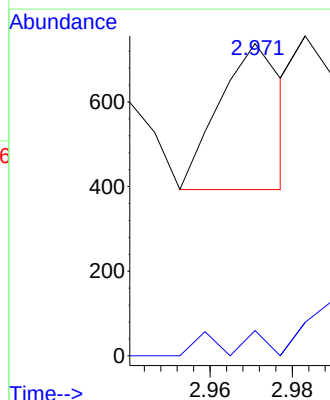
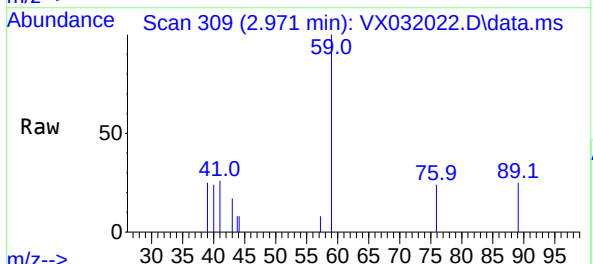
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-5R

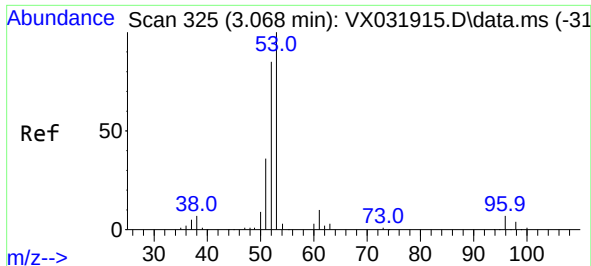
Tgt Ion:142 Resp: 50  
Ion Ratio Lower Upper  
142 100  
127 0.0 37.4 56.0#  
141 0.0 11.6 17.4#



#11  
Tert butyl alcohol  
Concen: 2.140 ug/l  
RT: 2.971 min Scan# 309  
Delta R.T. -0.036 min  
Lab File: VX032022.D  
Acq: 10 Oct 2022 19:00

Tgt Ion: 59 Resp: 367  
Ion Ratio Lower Upper  
59 100  
57 43.6 8.2 12.2#

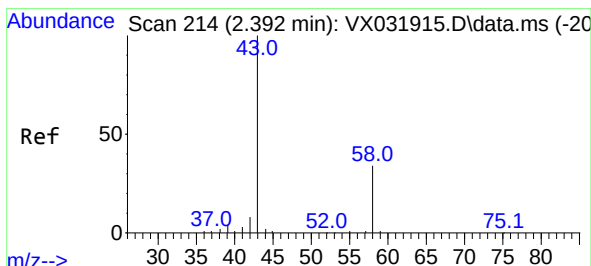
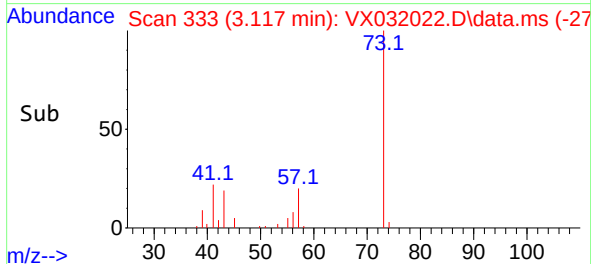
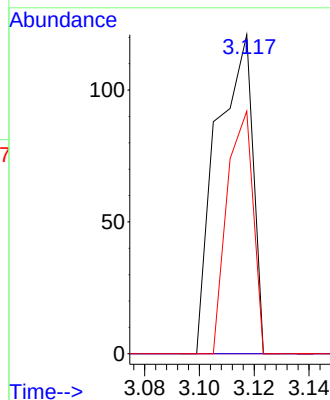
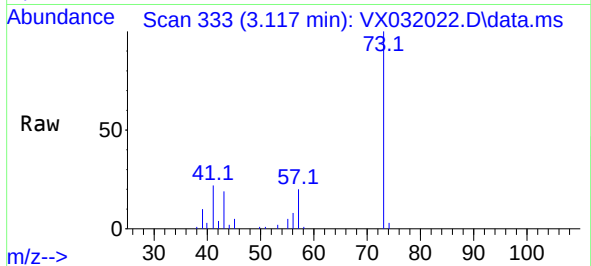




#15  
Acrylonitrile  
Concen: 0.201 ug/l  
RT: 3.117 min Scan# 31  
Delta R.T. 0.049 min  
Lab File: VX032022.D  
Acq: 10 Oct 2022 19:00

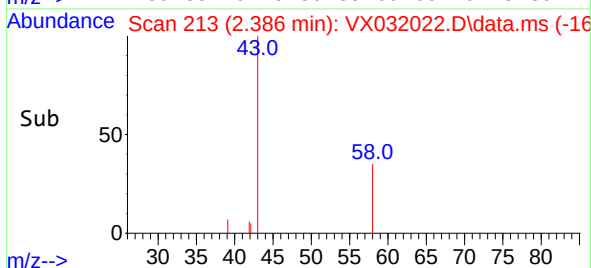
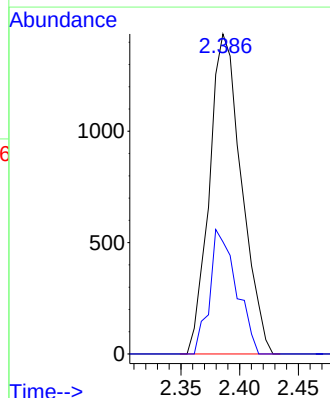
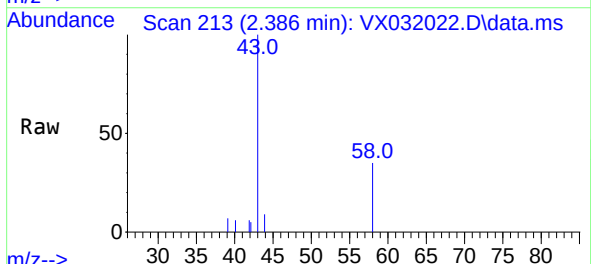
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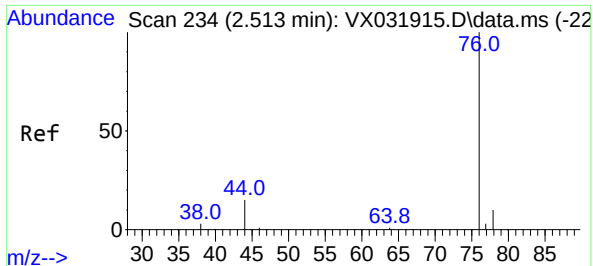
Tgt Ion: 53 Resp: 110  
Ion Ratio Lower Upper  
53 100  
52 0.0 66.9 100.3#  
51 55.5 30.0 45.0#



#16  
Acetone  
Concen: 5.839 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX032022.D  
Acq: 10 Oct 2022 19:00

Tgt Ion: 43 Resp: 2735  
Ion Ratio Lower Upper  
43 100  
58 35.1 23.8 35.8

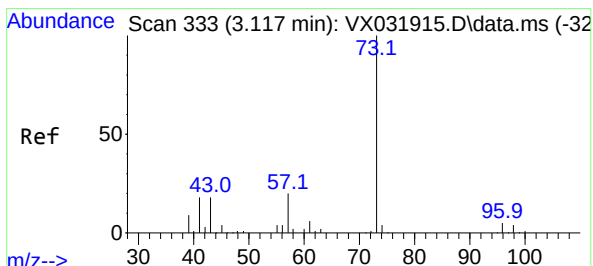
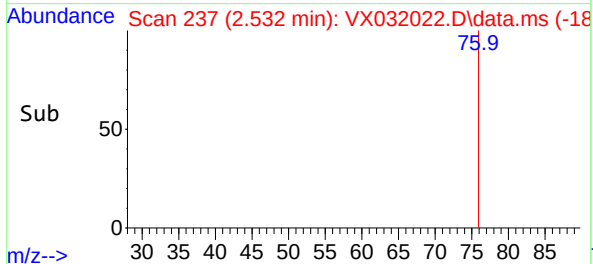
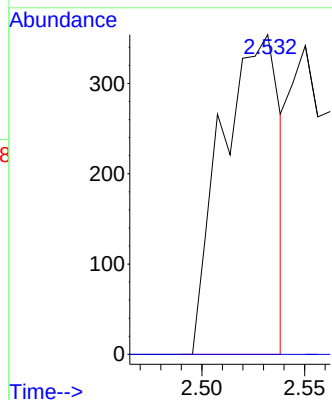
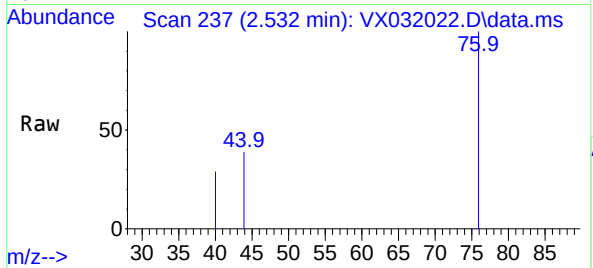




#17  
Carbon Disulfide  
Concen: 0.317 ug/l  
RT: 2.532 min Scan# 21  
Delta R.T. 0.019 min  
Lab File: VX032022.D  
Acq: 10 Oct 2022 19:00

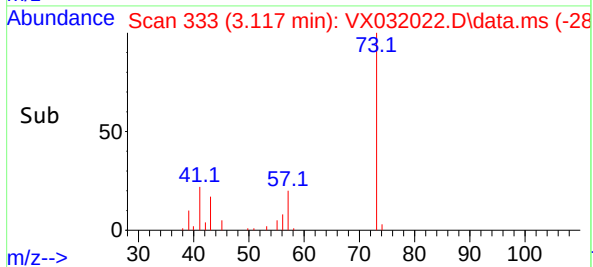
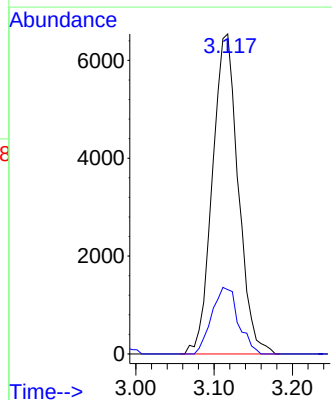
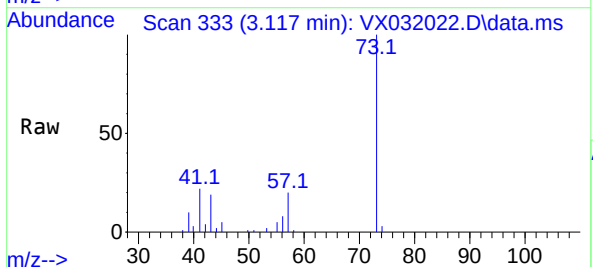
Instrument :  
MSVOA\_X  
ClientSampleId :  
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Tgt Ion: 76 Resp: 692  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.2 10.8#

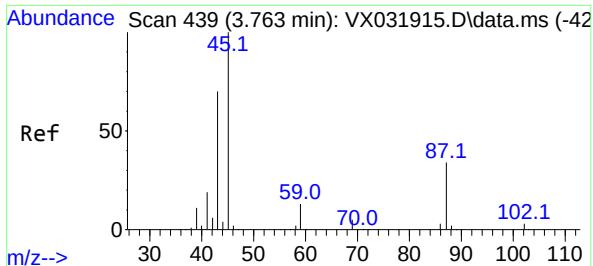


#19  
Methyl tert-butyl Ether  
Concen: 4.401 ug/l  
RT: 3.117 min Scan# 333  
Delta R.T. 0.000 min  
Lab File: VX032022.D  
Acq: 10 Oct 2022 19:00

Tgt Ion: 73 Resp: 15011  
Ion Ratio Lower Upper  
73 100  
57 20.1 17.2 25.8



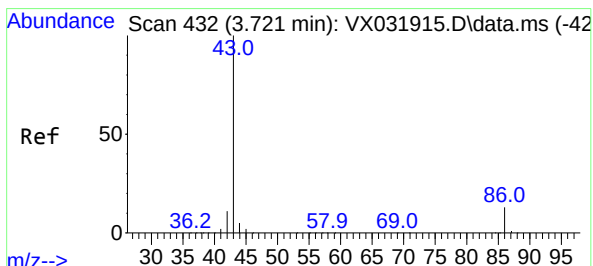
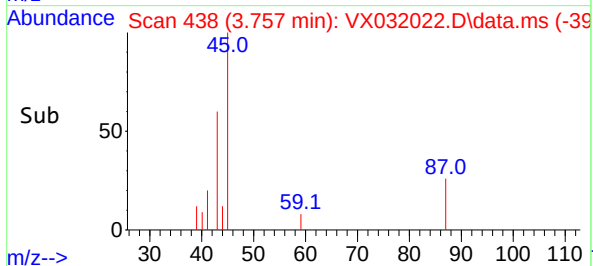
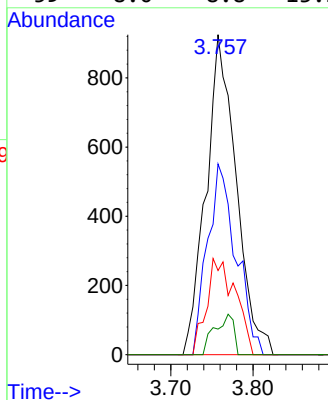
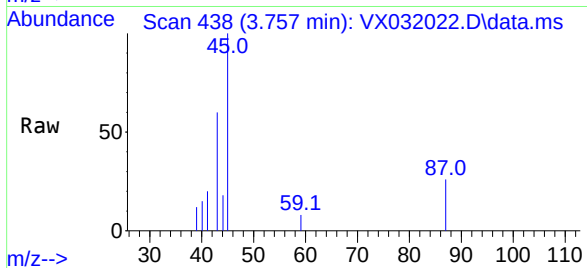




#22  
Diisopropyl ether  
Concen: 0.727 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. -0.006 min  
Lab File: VX032022.D  
Acq: 10 Oct 2022 19:00

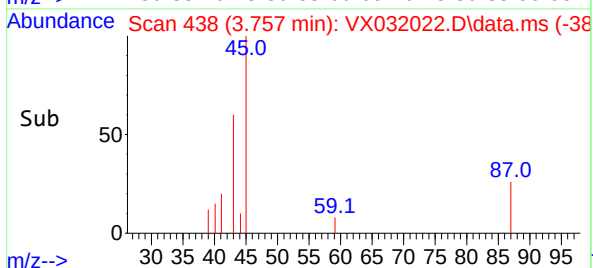
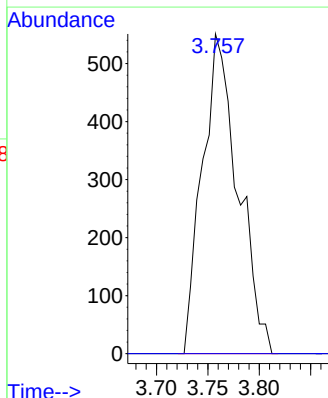
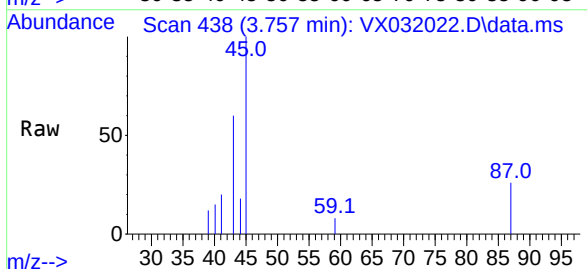
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-5R

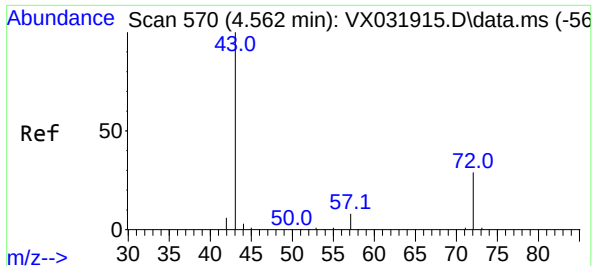
|             |             |
|-------------|-------------|
| Tgt Ion: 45 | Resp: 2363  |
| Ion Ratio   | Lower Upper |
| 45 100      |             |
| 43 59.6     | 59.0 88.6   |
| 87 26.3     | 22.6 33.8   |
| 59 8.0      | 8.8 13.2#   |



#23  
Vinyl Acetate  
Concen: 0.548 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. 0.036 min  
Lab File: VX032022.D  
Acq: 10 Oct 2022 19:00

|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 1332  |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 86 0.0      | 8.7 13.1#   |





#25

2-Butanone

Concen: 0.359 ug/l

RT: 4.593 min Scan# 51

Delta R.T. 0.031 min

Lab File: VX032022.D

Acq: 10 Oct 2022 19:00

Instrument :

MSVOA\_X

ClientSampleId :

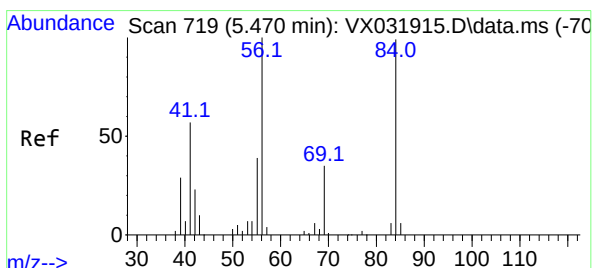
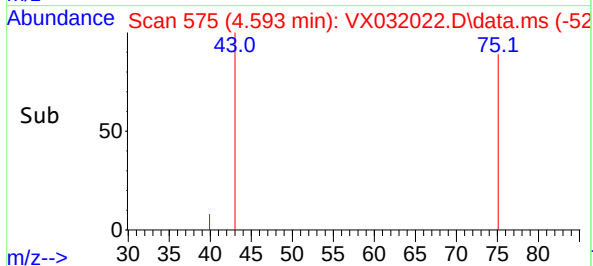
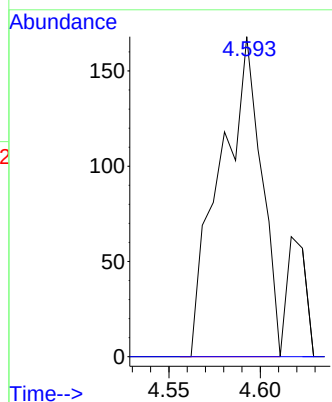
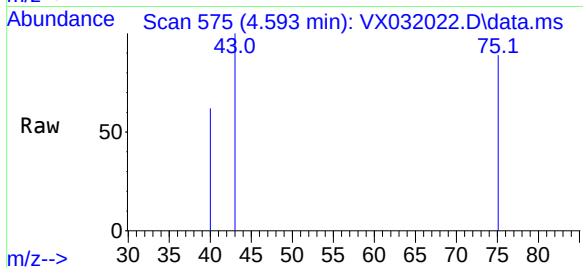
MW-5R

Tgt Ion: 43 Resp: 263

Ion Ratio Lower Upper

43 100

72 0.0 21.1 31.7#



#31

Cyclohexane

Concen: 0.211 ug/l

RT: 5.477 min Scan# 720

Delta R.T. 0.007 min

Lab File: VX032022.D

Acq: 10 Oct 2022 19:00

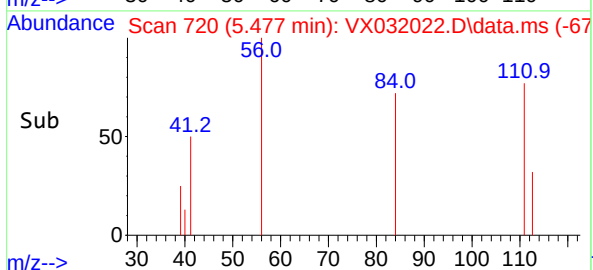
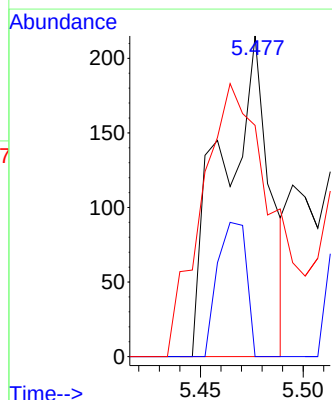
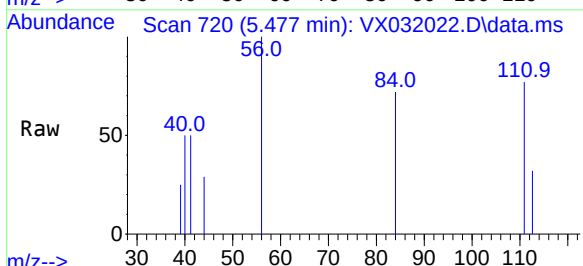
Tgt Ion: 56 Resp: 348

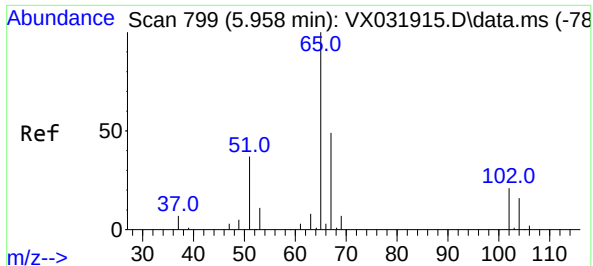
Ion Ratio Lower Upper

56 100

69 0.0 25.1 37.7#

84 45.6 70.2 105.4#

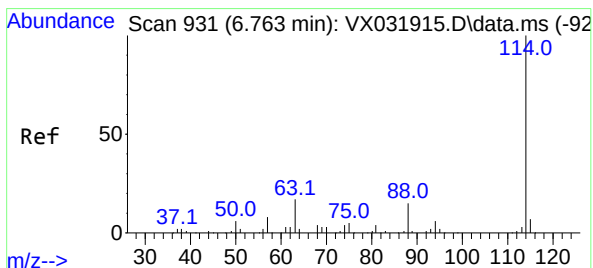
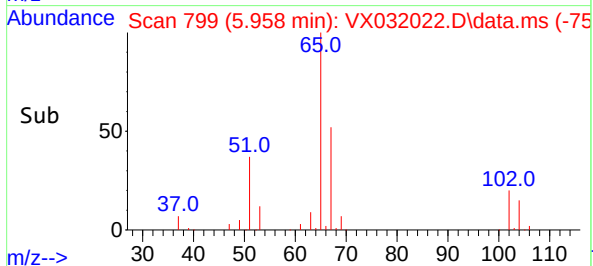
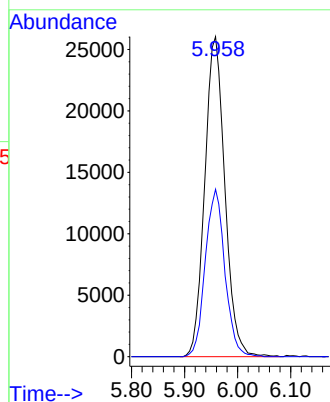
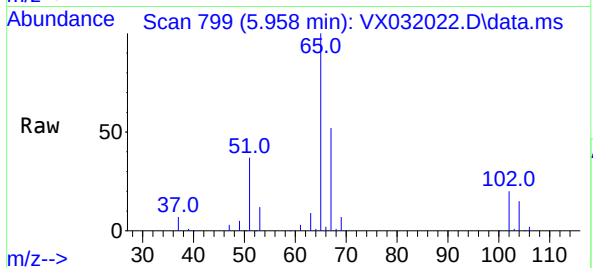




#33  
 1,2-Dichloroethane-d4  
 Concen: 49.843 ug/l  
 RT: 5.958 min Scan# 799  
 Delta R.T. 0.000 min  
 Lab File: VX032022.D  
 Acq: 10 Oct 2022 19:00

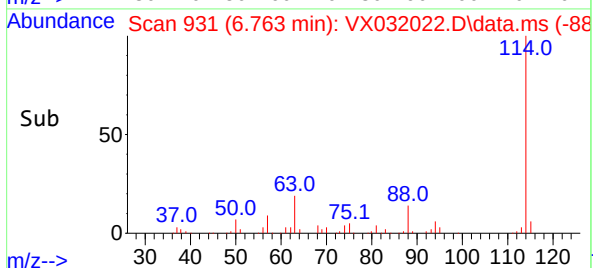
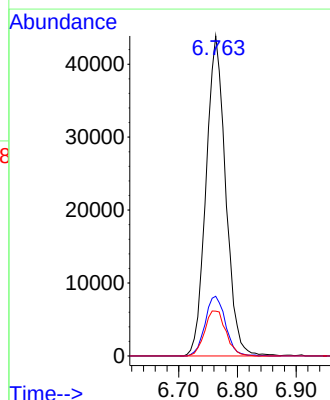
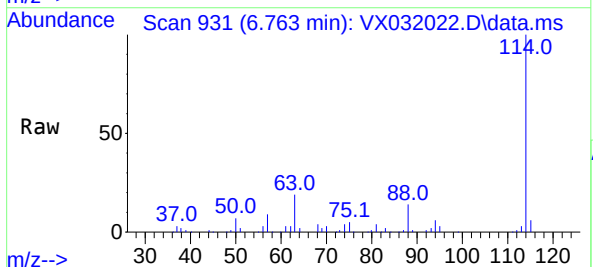
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-5R

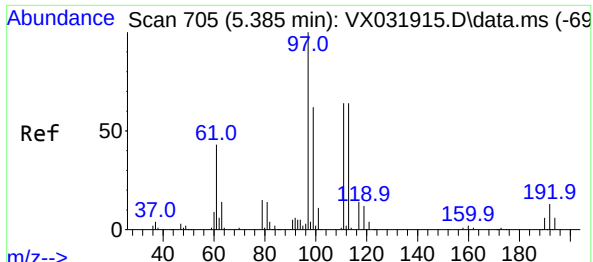
Tgt Ion: 65 Resp: 68696  
 Ion Ratio Lower Upper  
 65 100  
 67 50.9 0.0 102.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.763 min Scan# 931  
 Delta R.T. -0.000 min  
 Lab File: VX032022.D  
 Acq: 10 Oct 2022 19:00

Tgt Ion: 114 Resp: 101739  
 Ion Ratio Lower Upper  
 114 100  
 63 18.7 0.0 42.6  
 88 14.0 0.0 33.0

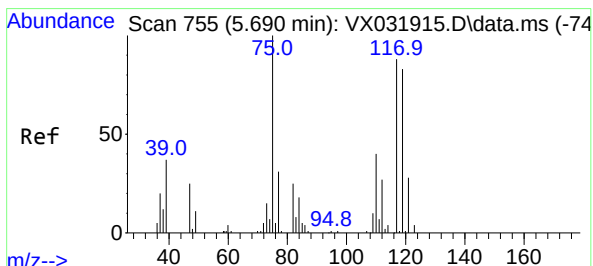
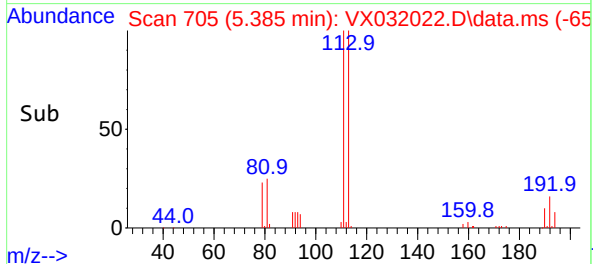
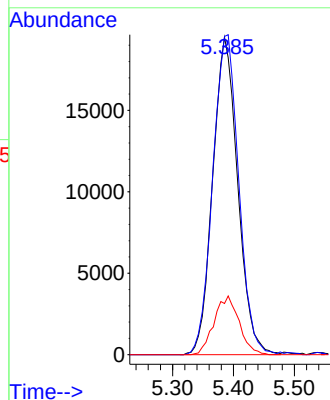
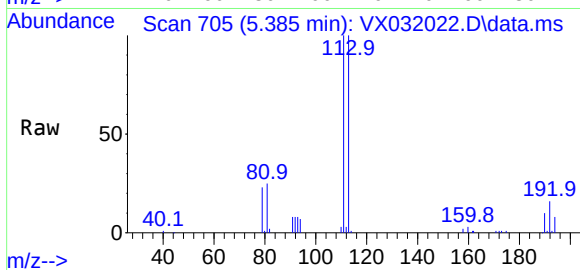




#35  
Dibromofluoromethane  
Concen: 48.326 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX032022.D  
Acq: 10 Oct 2022 19:00

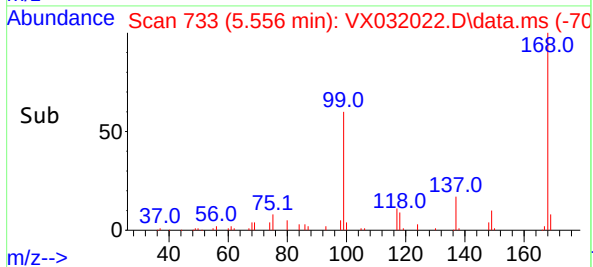
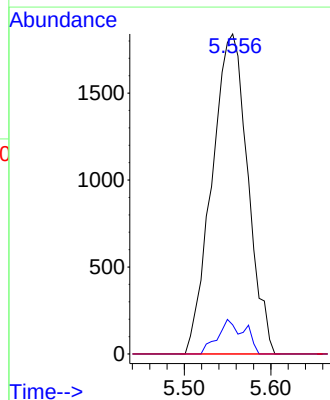
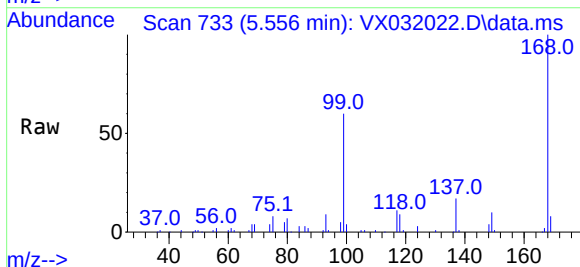
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-5R

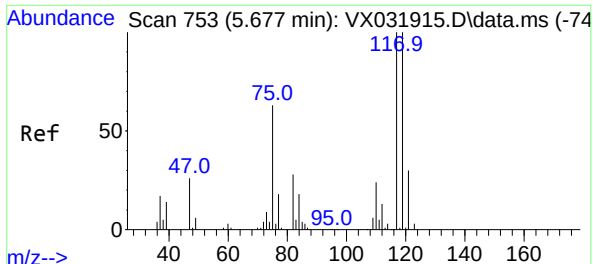
Tgt Ion:113 Resp: 55653  
Ion Ratio Lower Upper  
113 100  
111 104.1 82.4 123.6  
192 18.4 14.1 21.1



#36  
1,1-Dichloropropene  
Concen: 3.458 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. -0.134 min  
Lab File: VX032022.D  
Acq: 10 Oct 2022 19:00

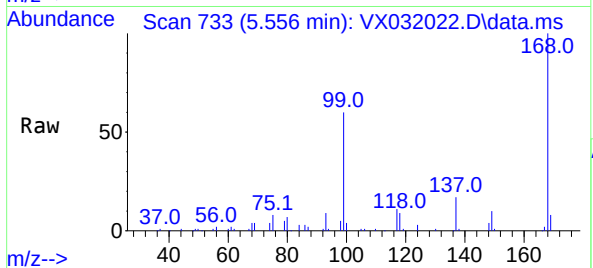
Tgt Ion: 75 Resp: 5281  
Ion Ratio Lower Upper  
75 100  
110 8.1 17.5 52.5#  
77 0.0 24.9 37.3#



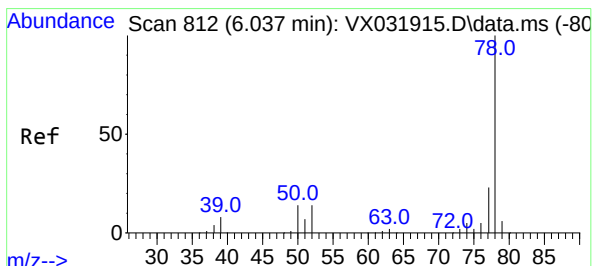
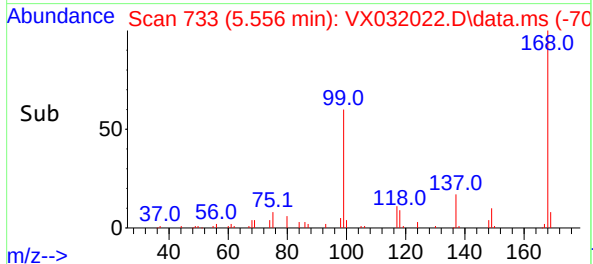
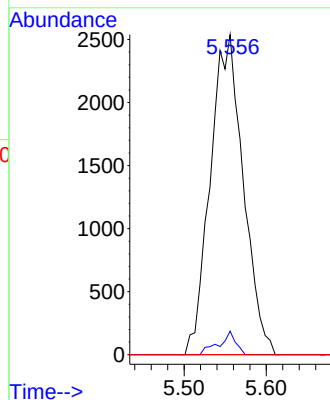


#38  
Carbon Tetrachloride  
Concen: 4.531 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.121 min  
Lab File: VX032022.D  
Acq: 10 Oct 2022 19:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-5R

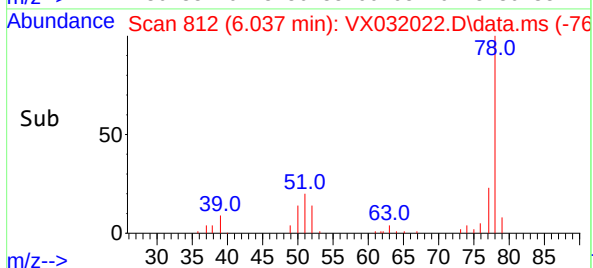
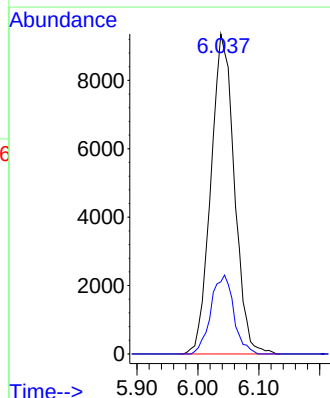
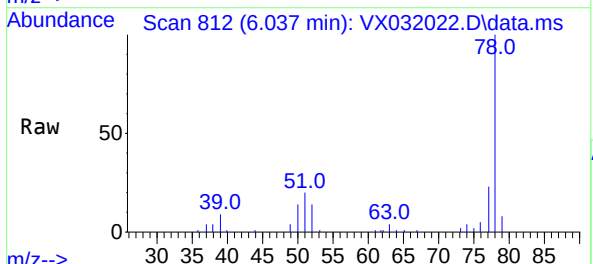


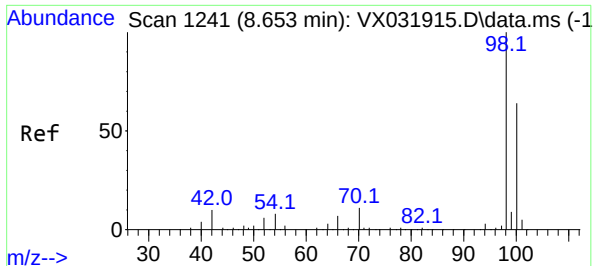
Tgt Ion:117 Resp: 7075  
Ion Ratio Lower Upper  
117 100  
119 7.4 74.6 112.0#  
121 0.0 25.3 37.9#



#40  
Benzene  
Concen: 5.610 ug/l  
RT: 6.037 min Scan# 812  
Delta R.T. 0.000 min  
Lab File: VX032022.D  
Acq: 10 Oct 2022 19:00

Tgt Ion: 78 Resp: 25088  
Ion Ratio Lower Upper  
78 100  
77 22.6 18.7 28.1





#50

Toluene-d8

Concen: 49.652 ug/l

RT: 8.647 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX032022.D

Acq: 10 Oct 2022 19:00

Instrument :

MSVOA\_X

ClientSampleId :

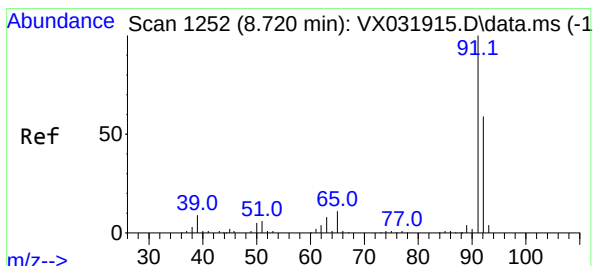
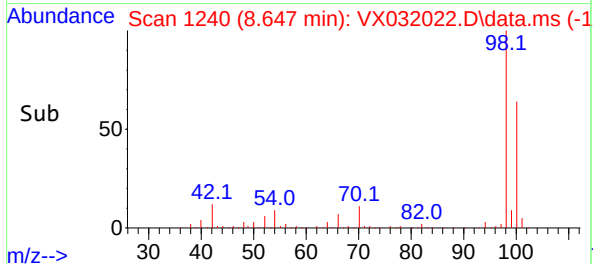
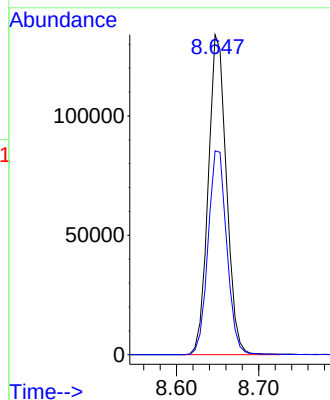
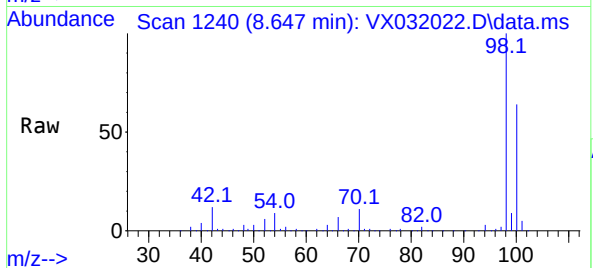
MW-5R

Tgt Ion: 98 Resp: 205756

Ion Ratio Lower Upper

98 100

100 65.7 52.5 78.7



#52

Toluene

Concen: 0.516 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX032022.D

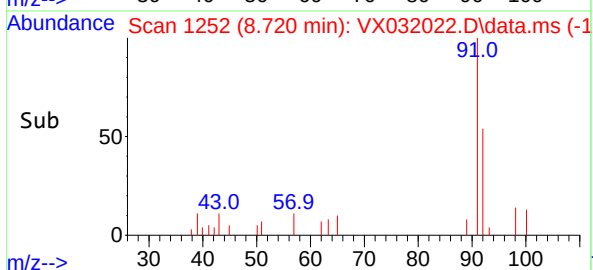
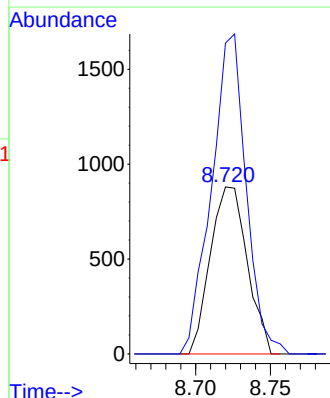
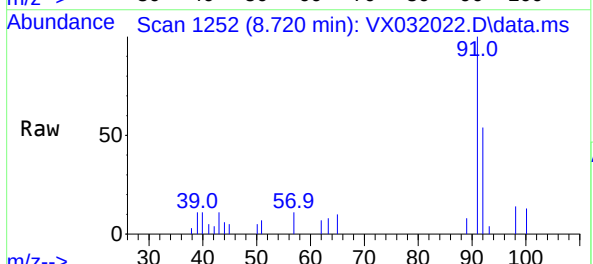
Acq: 10 Oct 2022 19:00

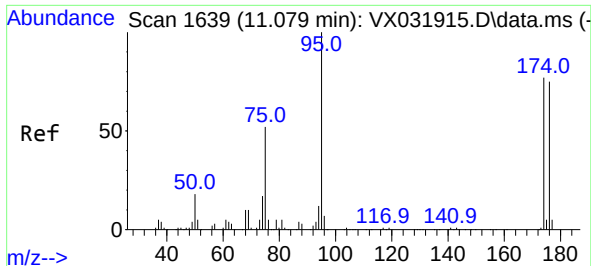
Tgt Ion: 92 Resp: 1509

Ion Ratio Lower Upper

92 100

91 179.9 137.1 205.7

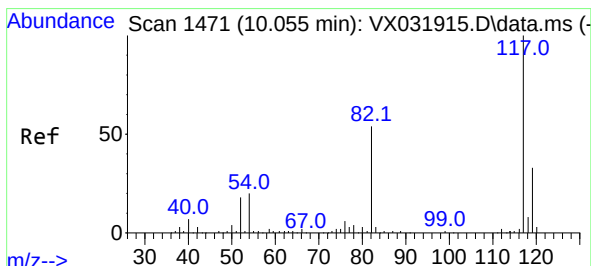
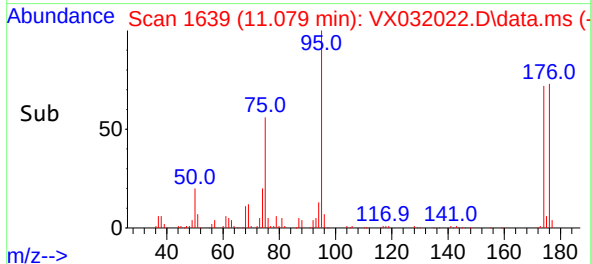
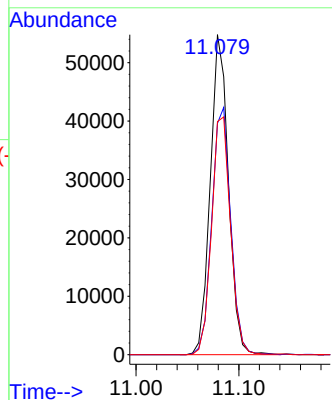
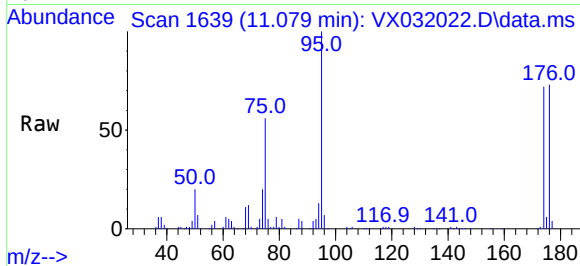




#62  
4-Bromofluorobenzene  
Concen: 45.941 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX032022.D  
Acq: 10 Oct 2022 19:00

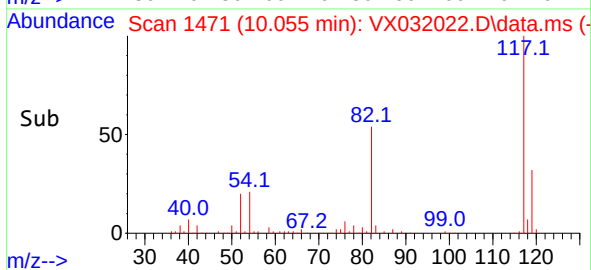
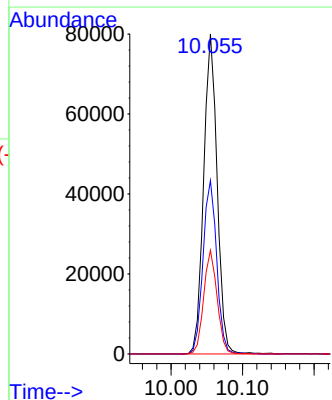
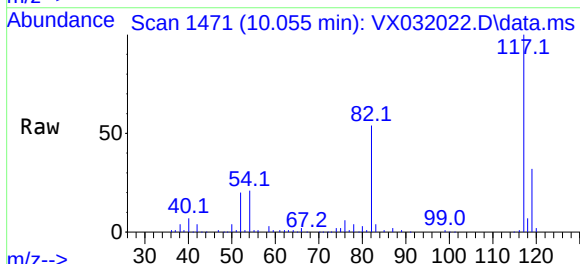
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-5R

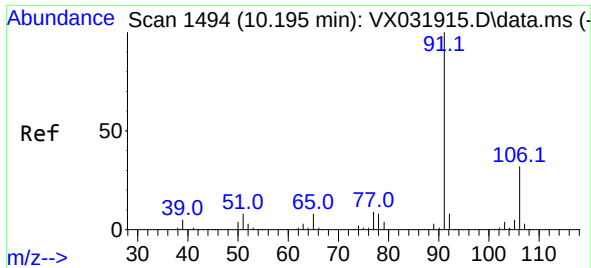
Tgt Ion: 95 Resp: 67303  
Ion Ratio Lower Upper  
95 100  
174 80.2 0.0 153.2  
176 77.8 0.0 144.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX032022.D  
Acq: 10 Oct 2022 19:00

Tgt Ion: 117 Resp: 105040  
Ion Ratio Lower Upper  
117 100  
82 54.2 46.8 70.2  
119 32.4 26.4 39.6

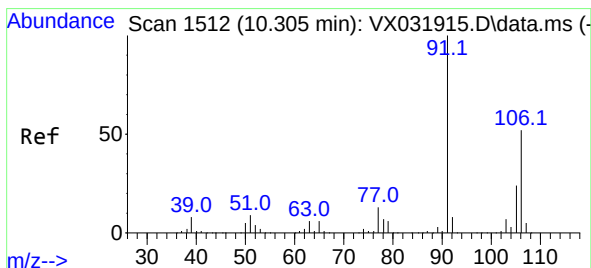
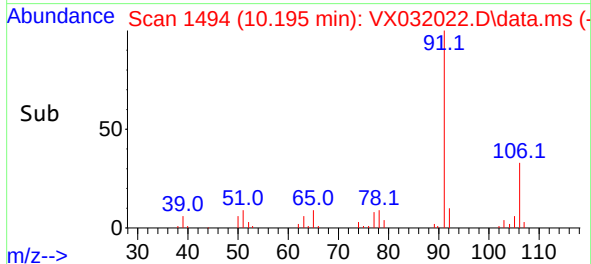
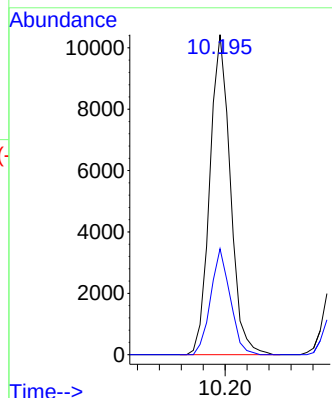
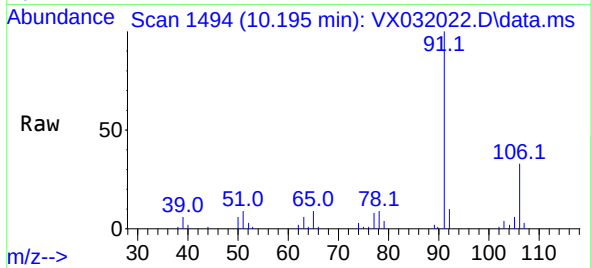




#67  
Ethyl Benzene  
Concen: 2.517 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX032022.D  
Acq: 10 Oct 2022 19:00

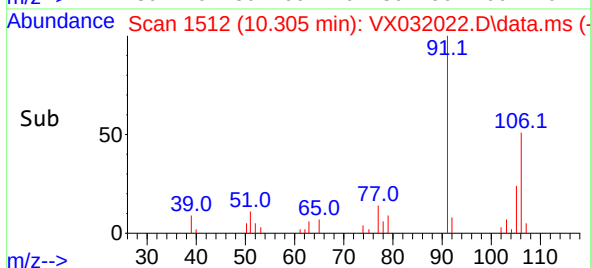
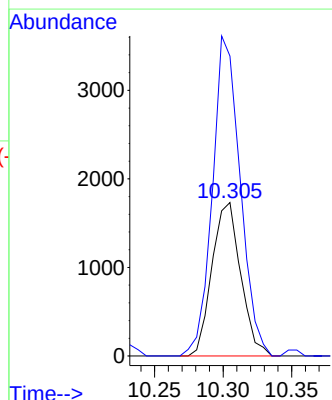
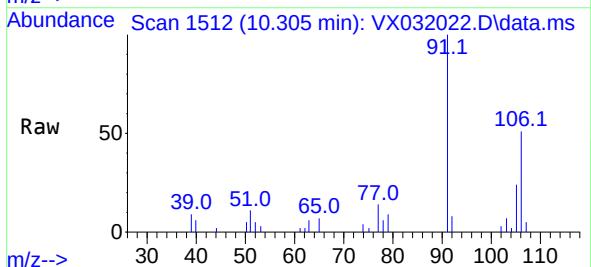
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-5R

Tgt Ion: 91 Resp: 13553  
Ion Ratio Lower Upper  
91 100  
106 33.1 25.2 37.8

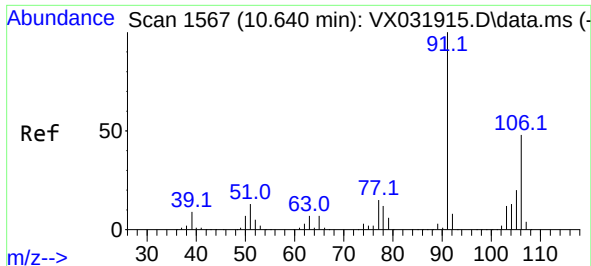


#68  
m/p-Xylenes  
Concen: 1.179 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. -0.000 min  
Lab File: VX032022.D  
Acq: 10 Oct 2022 19:00

Tgt Ion: 106 Resp: 2523  
Ion Ratio Lower Upper  
106 100  
91 201.9 161.0 241.4



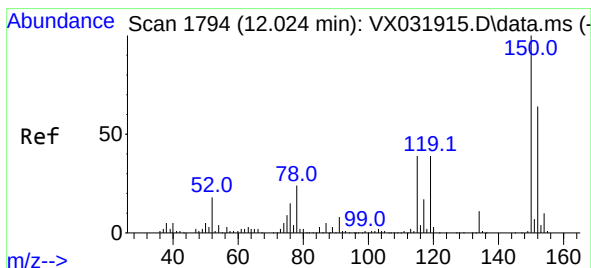
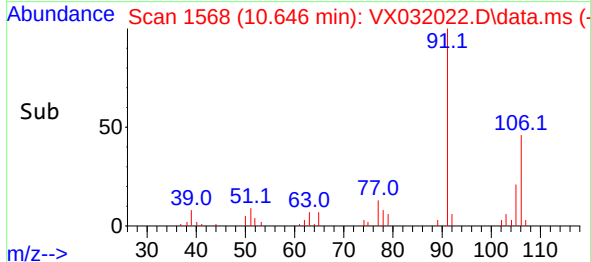
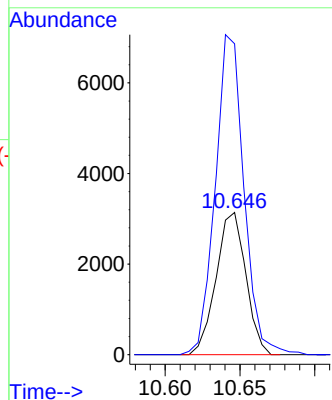
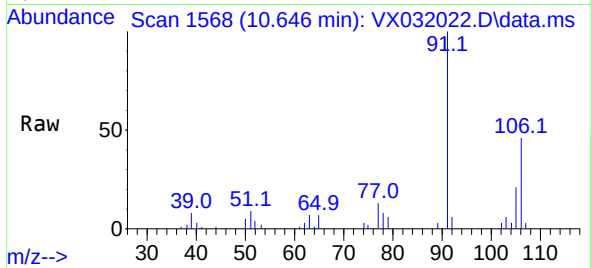




#69  
o-Xylene  
Concen: 2.084 ug/l  
RT: 10.646 min Scan# 1567  
Delta R.T. 0.006 min  
Lab File: VX032022.D  
Acq: 10 Oct 2022 19:00

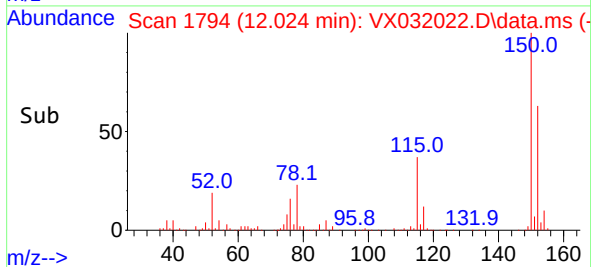
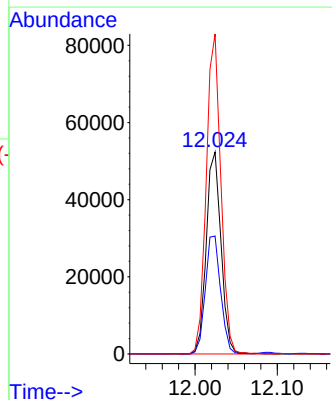
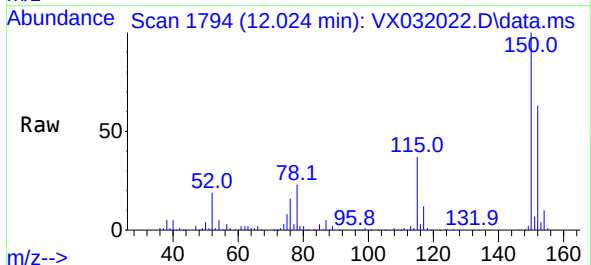
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-5R

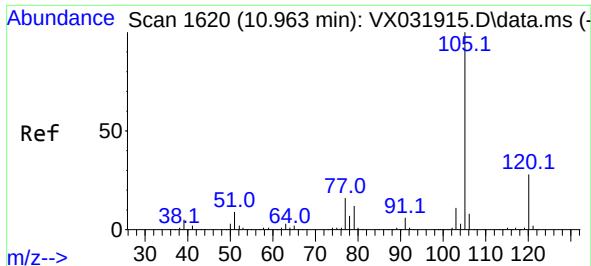
Tgt Ion:106 Resp: 4335  
Ion Ratio Lower Upper  
106 100  
91 217.9 107.2 321.6



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX032022.D  
Acq: 10 Oct 2022 19:00

Tgt Ion:152 Resp: 65242  
Ion Ratio Lower Upper  
152 100  
115 60.5 43.4 130.1  
150 156.7 0.0 346.8

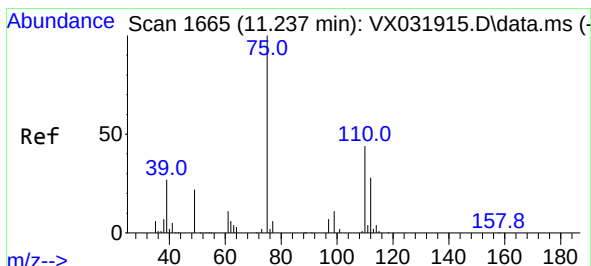
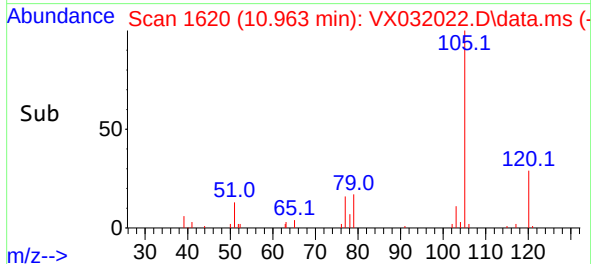
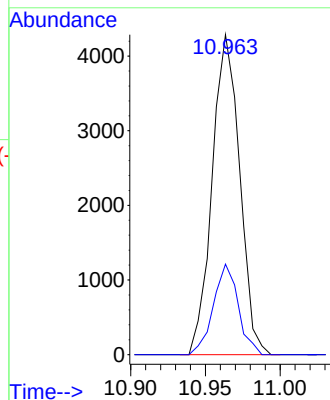
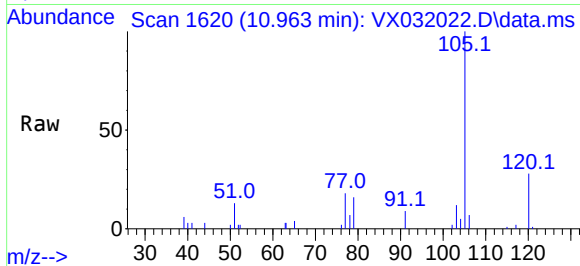




#73  
Isopropylbenzene  
Concen: 1.114 ug/l  
RT: 10.963 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX032022.D  
Acq: 10 Oct 2022 19:00

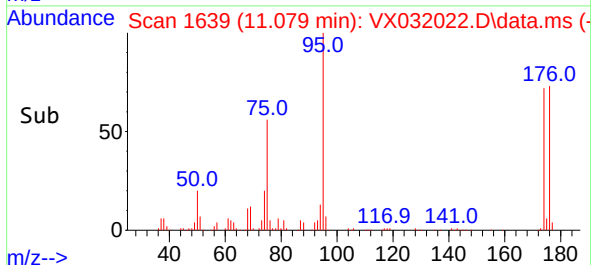
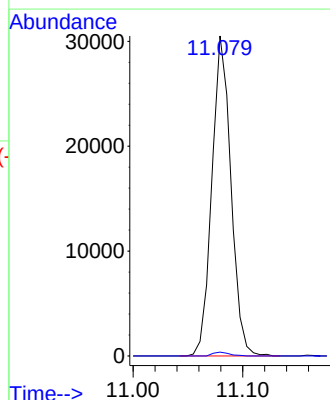
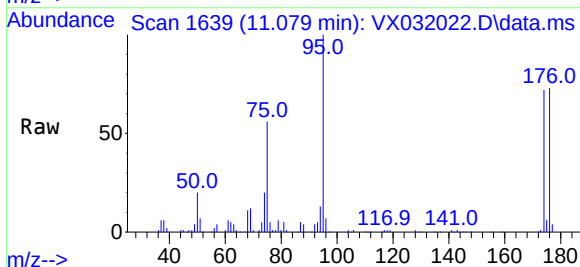
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-5R

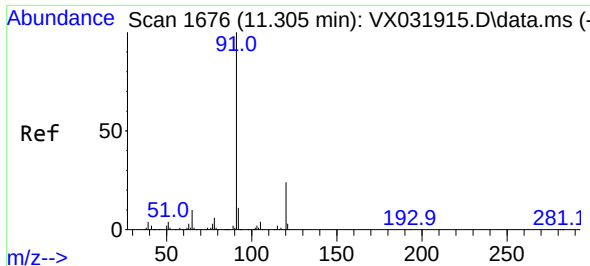
Tgt Ion:105 Resp: 5481  
Ion Ratio Lower Upper  
105 100  
120 25.6 13.7 41.0



#76  
1,2,3-Trichloropropane  
Concen: 27.536 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.158 min  
Lab File: VX032022.D  
Acq: 10 Oct 2022 19:00

Tgt Ion: 75 Resp: 36819  
Ion Ratio Lower Upper  
75 100  
77 1.0 20.3 60.9#

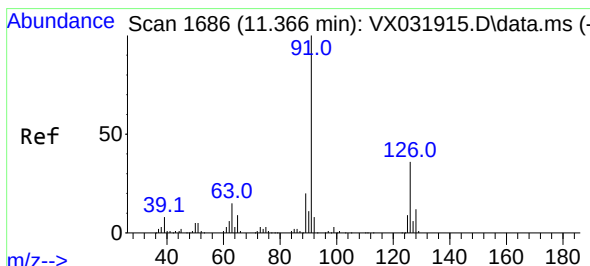
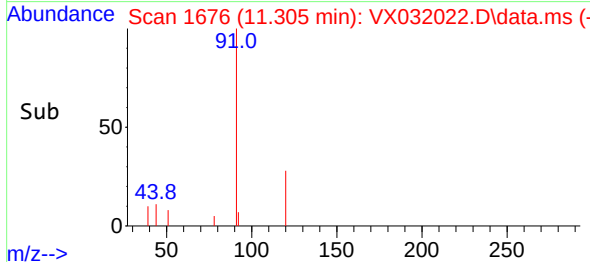
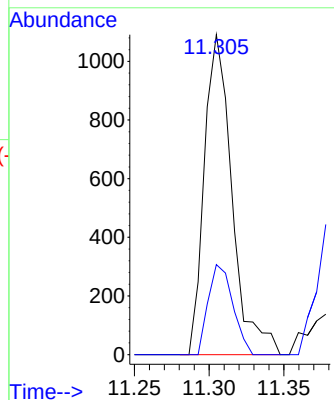
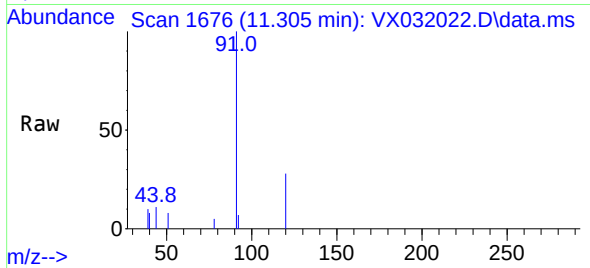




#78  
n-propylbenzene  
Concen: 0.252 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VX032022.D  
Acq: 10 Oct 2022 19:00

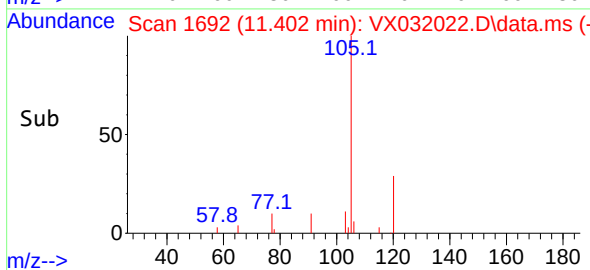
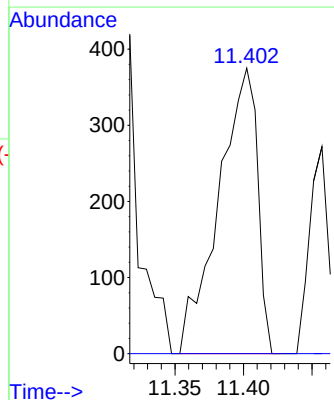
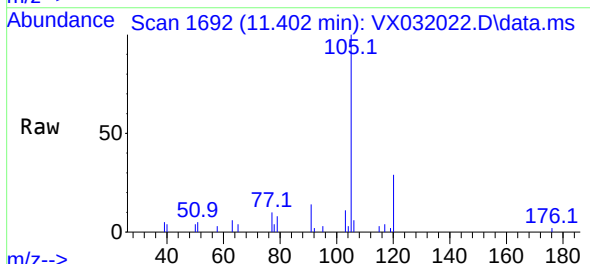
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-5R

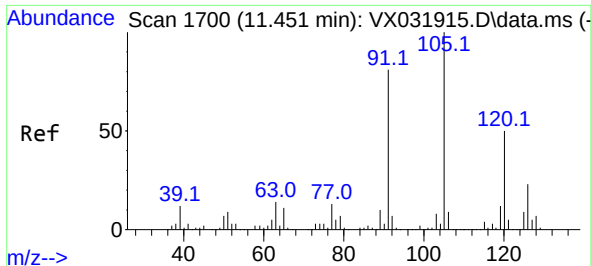
Tgt Ion: 91 Resp: 1408  
Ion Ratio Lower Upper  
91 100  
120 24.9 11.8 35.4



#79  
2-Chlorotoluene  
Concen: 0.220 ug/l  
RT: 11.402 min Scan# 1692  
Delta R.T. 0.036 min  
Lab File: VX032022.D  
Acq: 10 Oct 2022 19:00

Tgt Ion: 91 Resp: 741  
Ion Ratio Lower Upper  
91 100  
126 0.0 17.4 52.3#

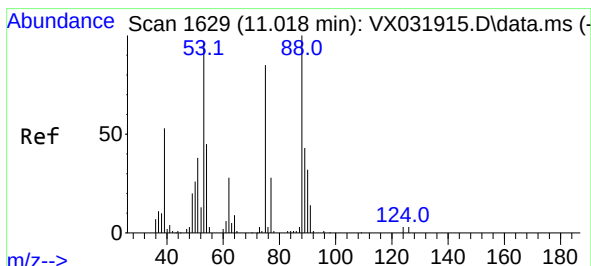
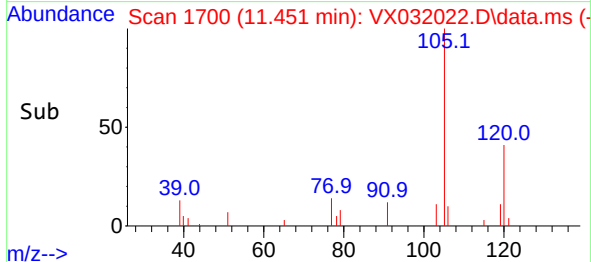
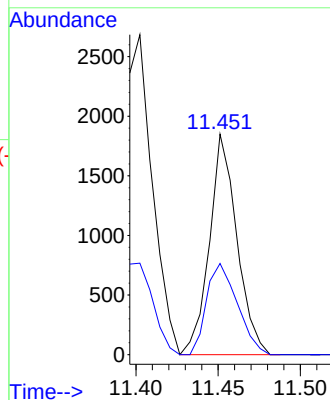
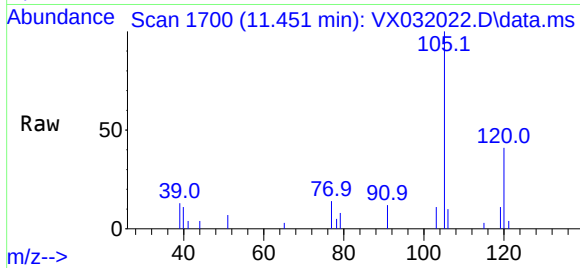




#80  
1,3,5-Trimethylbenzene  
Concen: 0.527 ug/l  
RT: 11.451 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX032022.D  
Acq: 10 Oct 2022 19:00

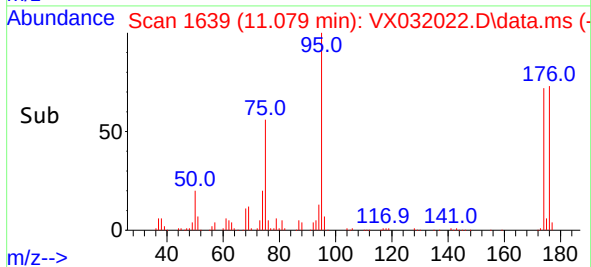
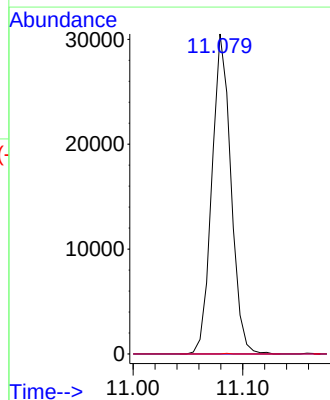
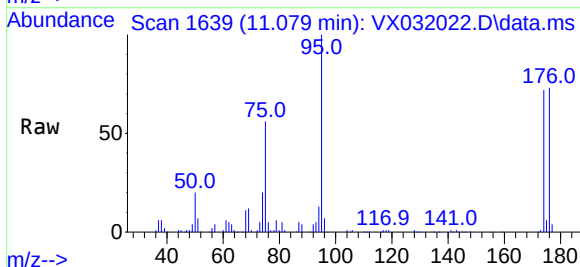
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-5R

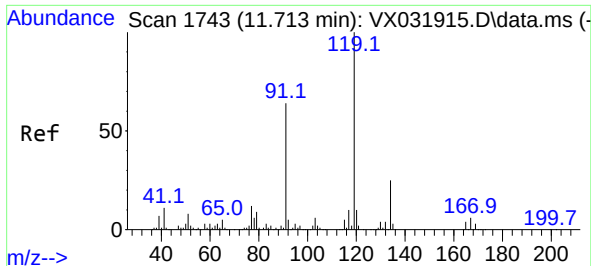
Tgt Ion:105 Resp: 2151  
Ion Ratio Lower Upper  
105 100  
120 46.4 24.5 73.5



#81  
trans-1,4-Dichloro-2-butene  
Concen: 94.281 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.061 min  
Lab File: VX032022.D  
Acq: 10 Oct 2022 19:00

Tgt Ion: 75 Resp: 36819  
Ion Ratio Lower Upper  
75 100  
53 0.0 77.6 116.4#  
89 0.1 37.4 56.0#

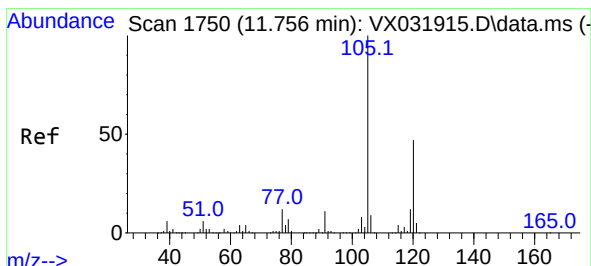
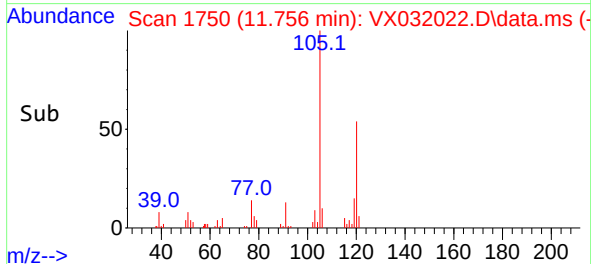
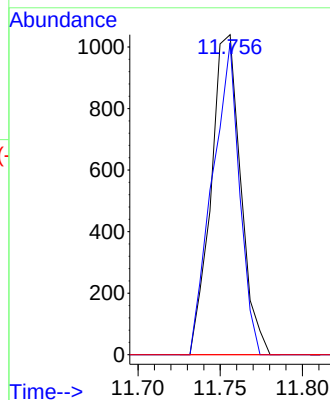
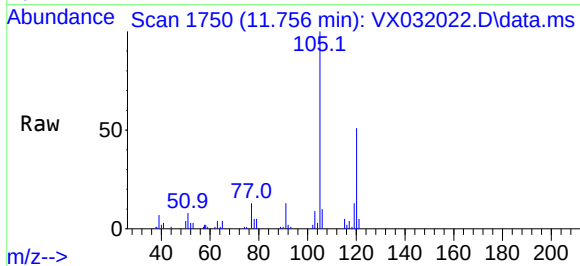




#83  
tert-Butylbenzene  
Concen: 0.323 ug/l  
RT: 11.756 min Scan# 1743  
Delta R.T. 0.043 min  
Lab File: VX032022.D  
Acq: 10 Oct 2022 19:00

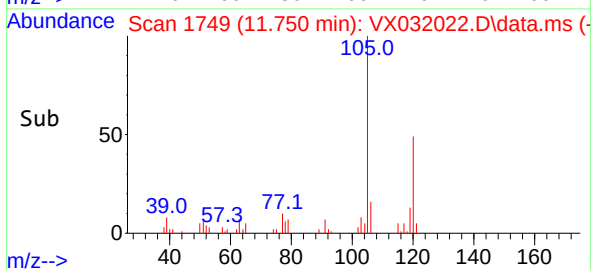
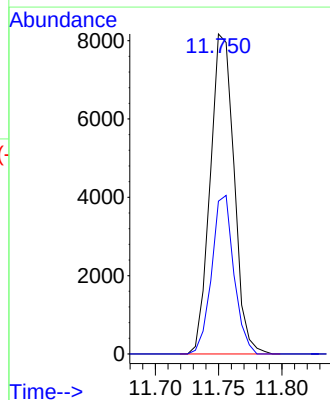
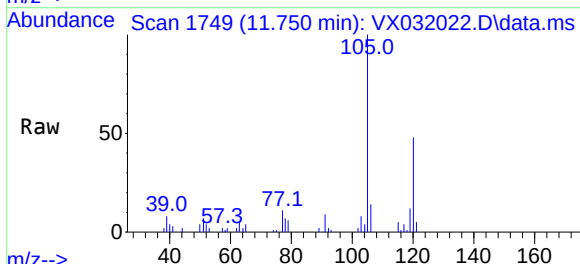
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-5R

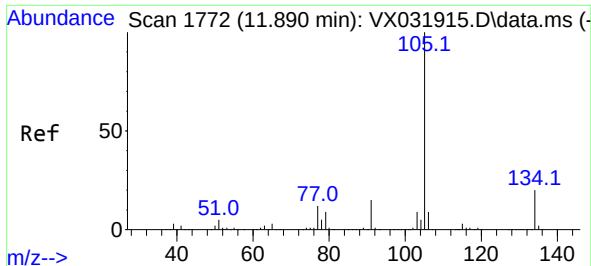
Tgt Ion:119 Resp: 1305  
Ion Ratio Lower Upper  
119 100  
91 89.0 29.2 87.6#  
134 0.0 11.6 34.8#



#84  
1,2,4-Trimethylbenzene  
Concen: 2.582 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. -0.006 min  
Lab File: VX032022.D  
Acq: 10 Oct 2022 19:00

Tgt Ion:105 Resp: 10706  
Ion Ratio Lower Upper  
105 100  
120 46.1 22.6 67.8

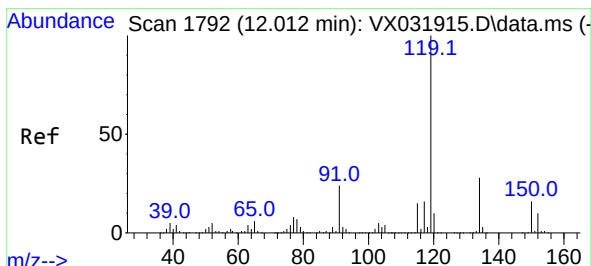
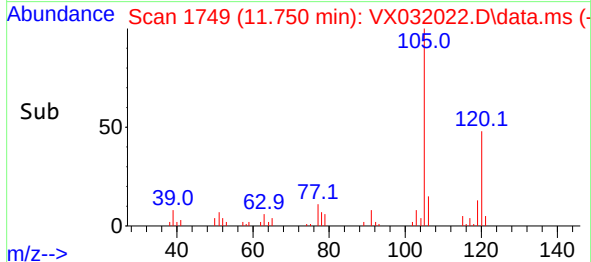
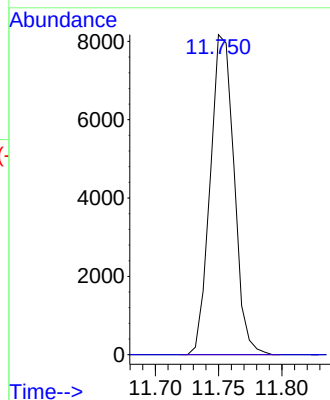
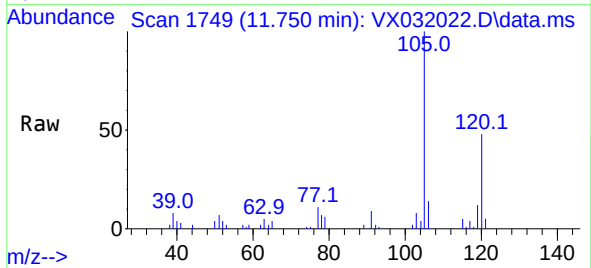




#85  
 sec-Butylbenzene  
 Concen: 2.141 ug/l  
 RT: 11.750 min Scan# 1749  
 Delta R.T. -0.140 min  
 Lab File: VX032022.D  
 Acq: 10 Oct 2022 19:00

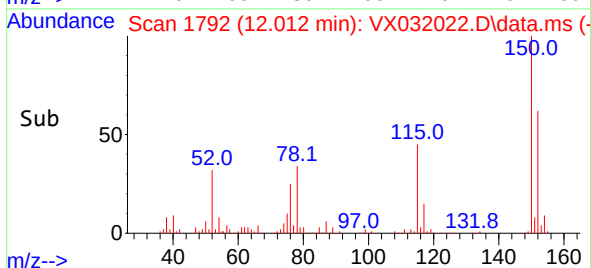
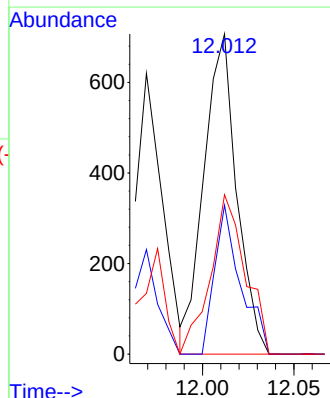
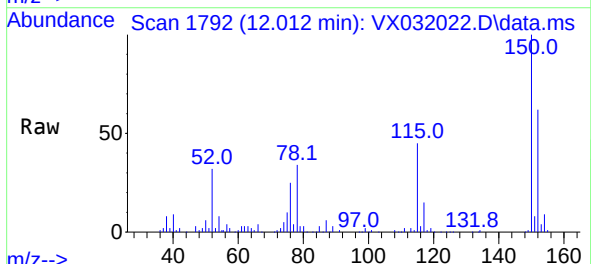
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-5R

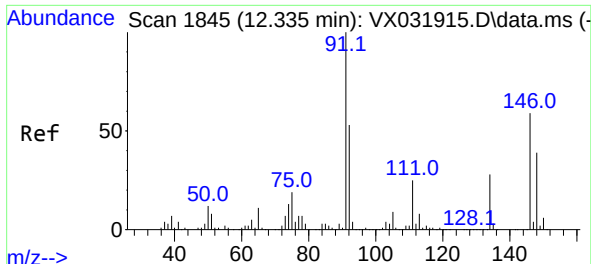
Tgt Ion:105 Resp: 10706  
 Ion Ratio Lower Upper  
 105 100  
 134 0.0 10.4 31.1#



#86  
 p-Isopropyltoluene  
 Concen: 0.209 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. 0.000 min  
 Lab File: VX032022.D  
 Acq: 10 Oct 2022 19:00

Tgt Ion:119 Resp: 880  
 Ion Ratio Lower Upper  
 119 100  
 134 37.2 13.4 40.2  
 91 0.0 12.4 37.2#





#89

n-Butylbenzene

Concen: 6.494 ug/l

RT: 12.244 min Scan# 11

Delta R.T. -0.091 min

Lab File: VX032022.D

Acq: 10 Oct 2022 19:00

Instrument :

MSVOA\_X

ClientSampleId :

MW-5R

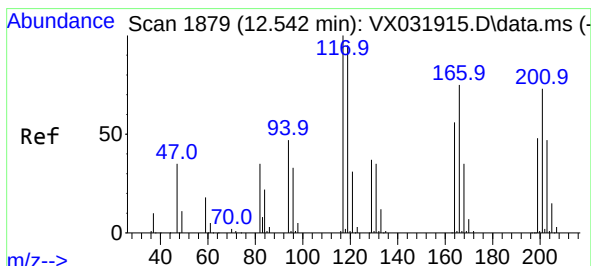
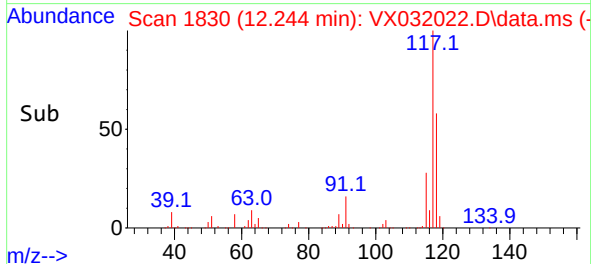
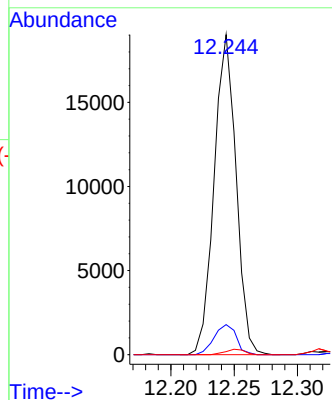
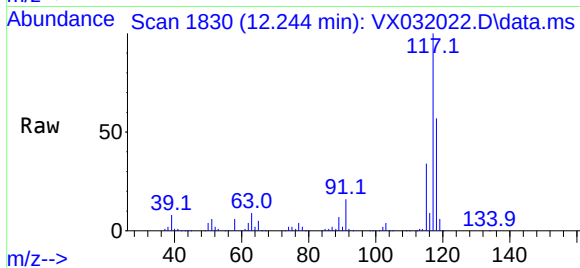
Tgt Ion: 91 Resp: 22896

Ion Ratio Lower Upper

91 100

92 9.5 27.0 81.0#

134 1.5 13.3 39.9#



#90

Hexachloroethane

Concen: 21.420 ug/l

RT: 12.701 min Scan# 1905

Delta R.T. 0.159 min

Lab File: VX032022.D

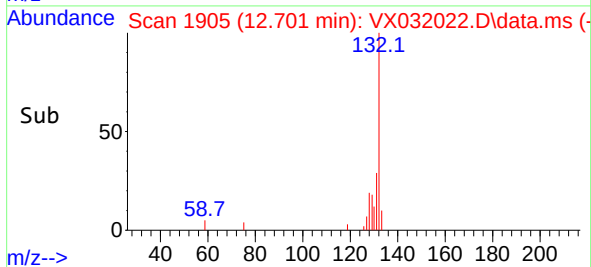
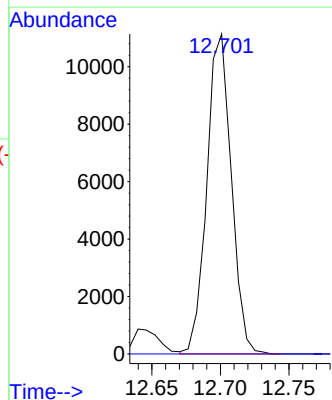
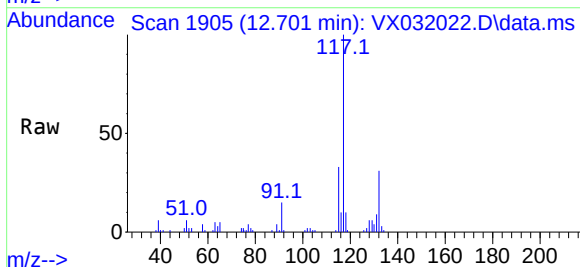
Acq: 10 Oct 2022 19:00

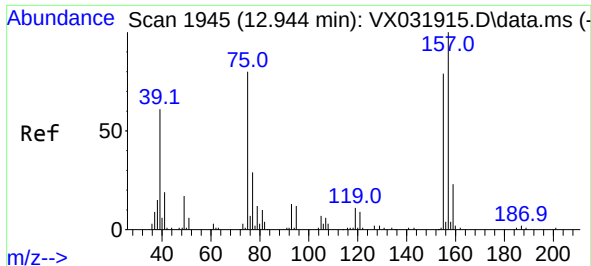
Tgt Ion: 117 Resp: 13827

Ion Ratio Lower Upper

117 100

201 0.0 34.8 104.4#

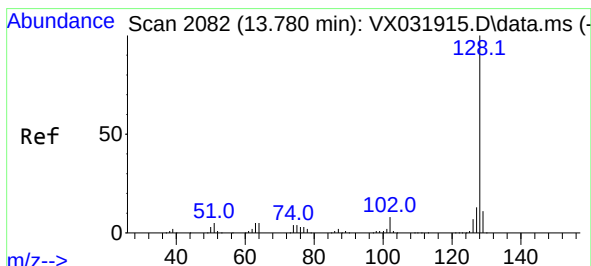
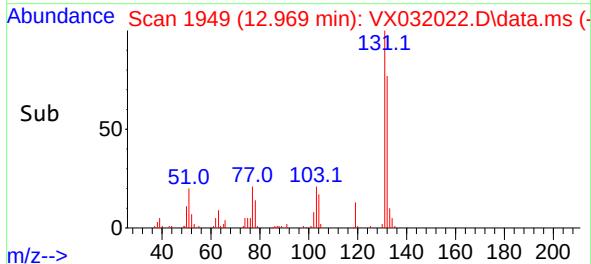
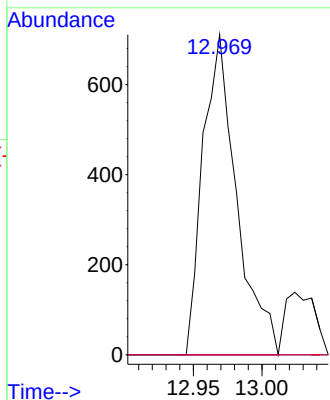
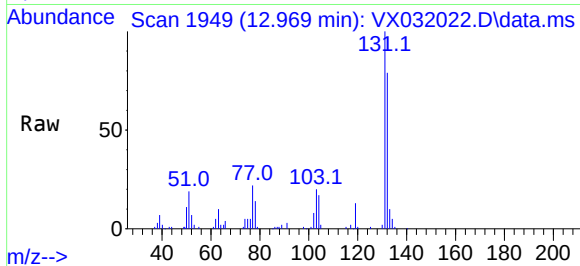




#92  
1,2-Dibromo-3-Chloropropane  
Concen: 4.260 ug/l  
RT: 12.969 min Scan# 1949  
Delta R.T. 0.025 min  
Lab File: VX032022.D  
Acq: 10 Oct 2022 19:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-5R

Tgt Ion: 75 Resp: 1219  
Ion Ratio Lower Upper  
75 100  
155 0.0 40.3 120.8#  
157 0.0 51.5 154.5#



#95  
Naphthalene  
Concen: 136.154 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. -0.006 min  
Lab File: VX032022.D  
Acq: 10 Oct 2022 19:00

Tgt Ion:128 Resp: 649750  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.4 15.6  
129 11.0 8.8 13.2

