

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX051622\  
 Data File : VX028736.D  
 Acq On : 16 May 2022 17:05  
 Operator : JC/MD  
 Sample : N2862-10  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-11R

Quant Time: May 17 03:39:02 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

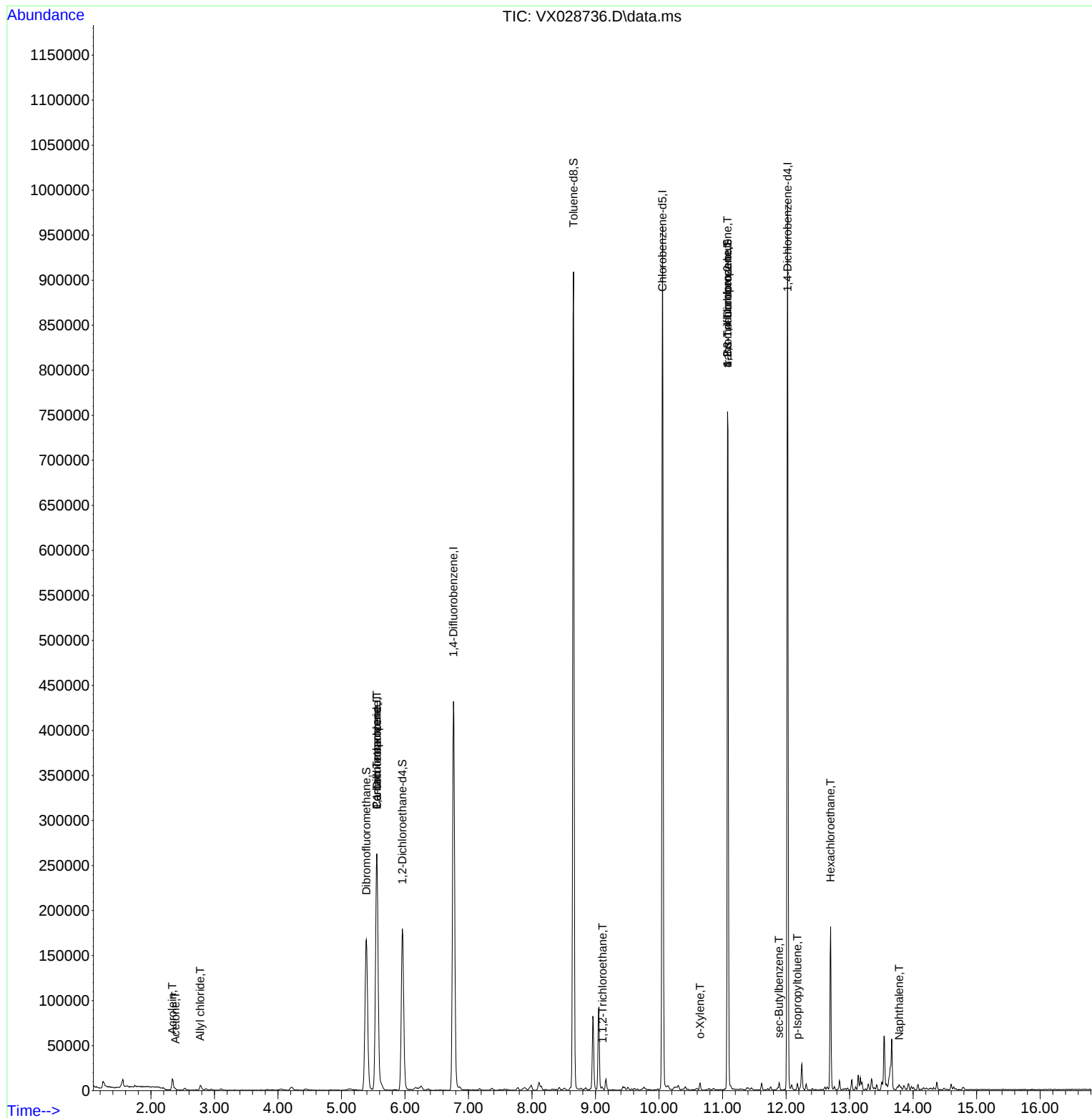
| Compound                      | R.T.   | QIon  | Response | Conc      | Units      | Dev(Min) |
|-------------------------------|--------|-------|----------|-----------|------------|----------|
| -----                         |        |       |          |           |            |          |
| Internal Standards            |        |       |          |           |            |          |
| 1) Pentafluorobenzene         | 5.556  | 168   | 242771   | 50.000    | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.763  | 114   | 437572   | 50.000    | ug/l       | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117   | 416256   | 50.000    | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024 | 152   | 187272   | 50.000    | ug/l       | 0.00     |
| System Monitoring Compounds   |        |       |          |           |            |          |
| 33) 1,2-Dichloroethane-d4     | 5.958  | 65    | 170655   | 51.281    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 61 - 141 | Recovery  | = 102.560% |          |
| 35) Dibromofluoromethane      | 5.391  | 113   | 143872   | 50.184    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 69 - 133 | Recovery  | = 100.360% |          |
| 50) Toluene-d8                | 8.653  | 98    | 525793   | 48.645    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 65 - 126 | Recovery  | = 97.300%  |          |
| 62) 4-Bromofluorobenzene      | 11.079 | 95    | 194082   | 48.074    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 58 - 135 | Recovery  | = 96.140%  |          |
| Target Compounds              |        |       |          |           |            |          |
|                               |        |       |          |           | Qvalue     |          |
| 5) Bromomethane               | 1.624  | 94    | 582      | Below Cal | #          | 70       |
| 6) Chloroethane               | 1.666  | 64    | 834      | Below Cal | #          | 65       |
| 11) Tert butyl alcohol        | 2.953  | 59    | 1116     | Below Cal | #          | 72       |
| 13) Acrolein                  | 2.337  | 56    | 1708     | 3.127     | ug/l       | 86       |
| 14) Allyl chloride            | 2.776  | 41    | 1559     | 0.387     | ug/l #     | 70       |
| 16) Acetone                   | 2.386  | 43    | 1775     | 1.243     | ug/l       | 98       |
| 36) 1,1-Dichloropropene       | 5.556  | 75    | 20096    | 4.667     | ug/l #     | 49       |
| 38) Carbon Tetrachloride      | 5.556  | 117   | 25905    | 5.978     | ug/l #     | 15       |
| 55) 1,1,2-Trichloroethane     | 9.110  | 97    | 1036     | 0.319     | ug/l #     | 16       |
| 69) o-Xylene                  | 10.646 | 106   | 1684     | 0.278     | ug/l       | 100      |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75    | 104014   | 23.716    | ug/l #     | 38       |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75    | 104014   | 69.146    | ug/l #     | 15       |
| 85) sec-Butylbenzene          | 11.890 | 105   | 4283     | 0.303     | ug/l       | 100      |
| 86) p-Isopropyltoluene        | 12.177 | 119   | 2861     | 0.241     | ug/l       | 84       |
| 90) Hexachloroethane          | 12.701 | 117   | 73321    | 38.232    | ug/l #     | 10       |
| 95) Naphthalene               | 13.780 | 128   | 3867     | 0.291     | ug/l #     | 90       |
| -----                         |        |       |          |           |            |          |

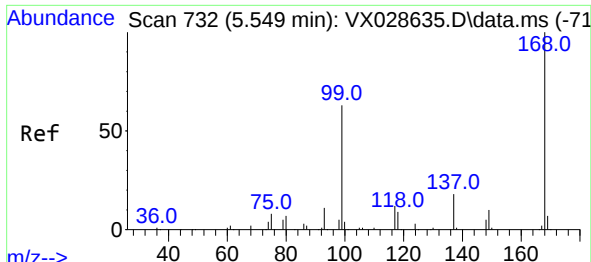
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX051622\  
Data File : VX028736.D  
Acq On : 16 May 2022 17:05  
Operator : JC/MD  
Sample : N2862-10  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-11R

Quant Time: May 17 03:39:02 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

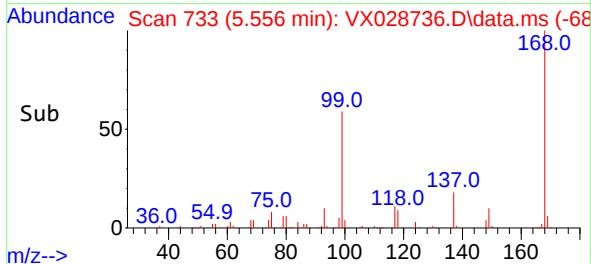
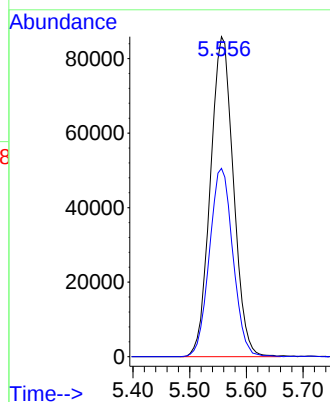
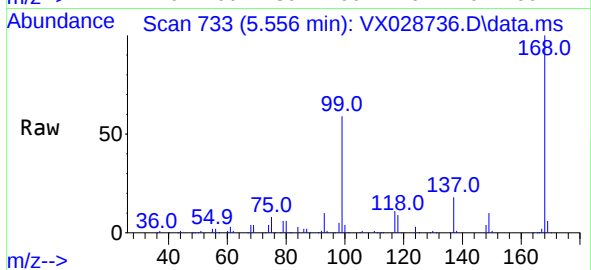




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.007 min  
Lab File: VX028736.D  
Acq: 16 May 2022 17:05

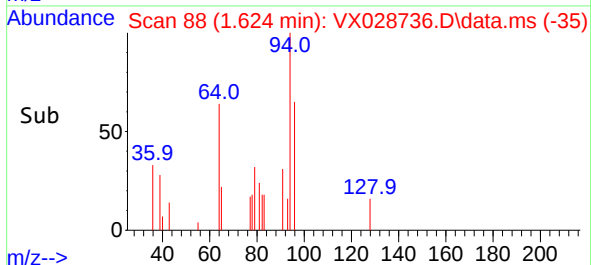
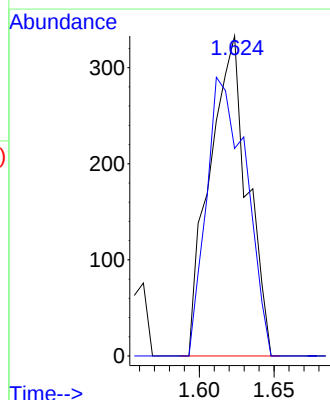
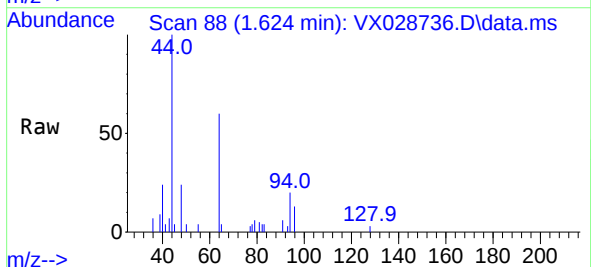
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-11R

Tgt Ion:168 Resp: 242771  
Ion Ratio Lower Upper  
168 100  
99 58.8 41.7 62.5

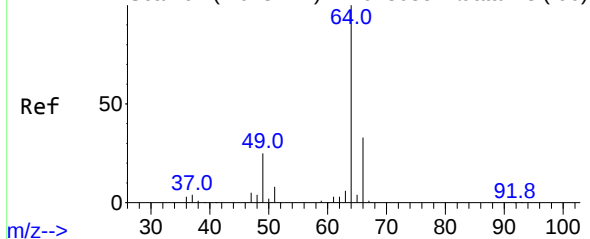


#5  
Bromomethane  
Concen: Below Cal  
RT: 1.624 min Scan# 88  
Delta R.T. 0.025 min  
Lab File: VX028736.D  
Acq: 16 May 2022 17:05

Tgt Ion: 94 Resp: 582  
Ion Ratio Lower Upper  
94 100  
96 64.9 75.3 112.9#



Abundance Scan 97 (1.678 min): VX028635.D\data.ms (-90)



#6

Chloroethane

Concen: Below Cal

RT: 1.666 min Scan# 91

Delta R.T. -0.012 min

Lab File: VX028736.D

Acq: 16 May 2022 17:05

Instrument :

MSVOA\_X

ClientSampleId :

MW-11R

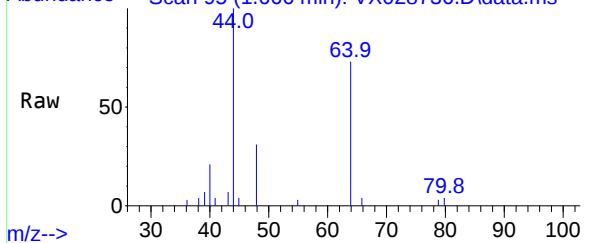
Tgt Ion: 64 Resp: 834

Ion Ratio Lower Upper

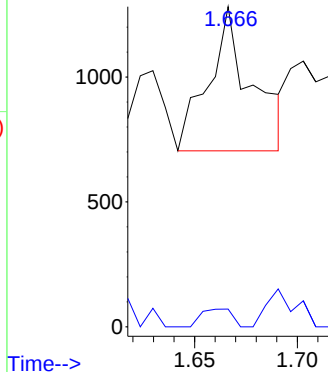
64 100

66 12.3 25.3 37.9#

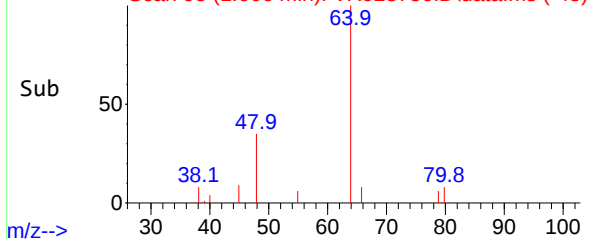
Abundance Scan 95 (1.666 min): VX028736.D\data.ms



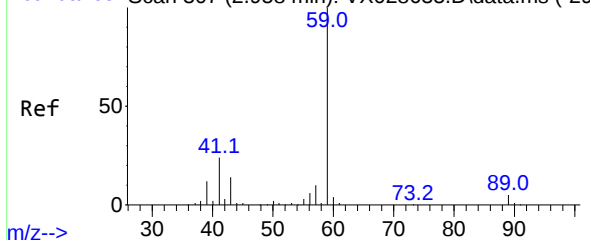
Abundance



Abundance Scan 95 (1.666 min): VX028736.D\data.ms (-48)



Abundance Scan 307 (2.958 min): VX028635.D\data.ms (-29)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.953 min Scan# 306

Delta R.T. -0.005 min

Lab File: VX028736.D

Acq: 16 May 2022 17:05

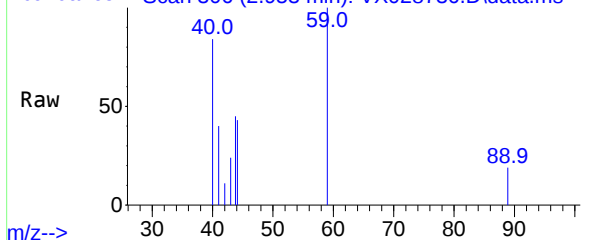
Tgt Ion: 59 Resp: 1116

Ion Ratio Lower Upper

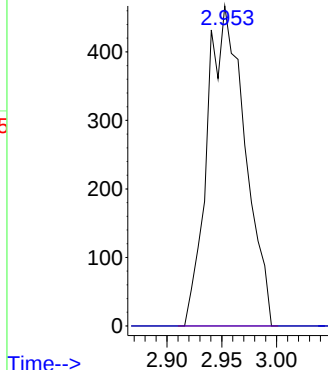
59 100

57 0.0 8.3 12.5#

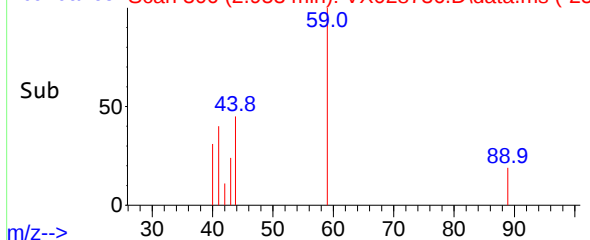
Abundance Scan 306 (2.953 min): VX028736.D\data.ms

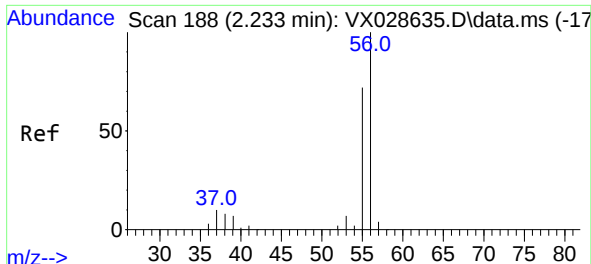


Abundance



Abundance Scan 306 (2.953 min): VX028736.D\data.ms (-25)

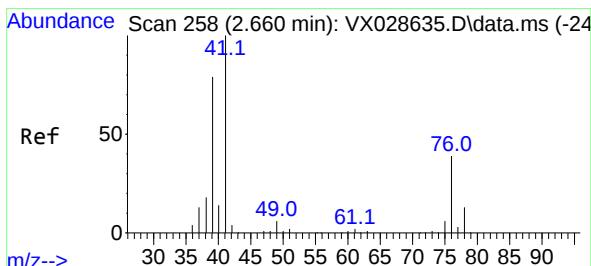
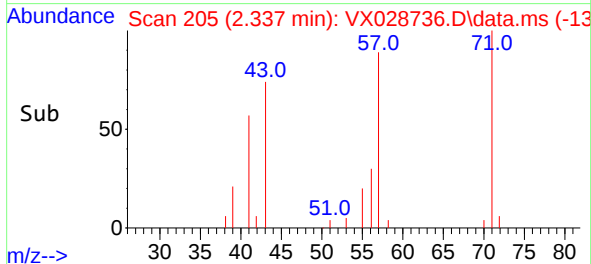
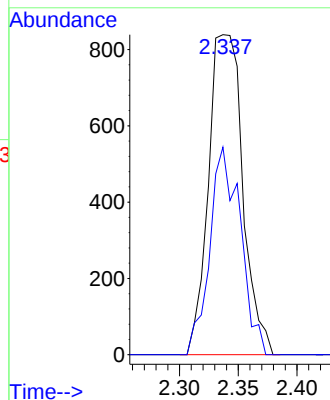
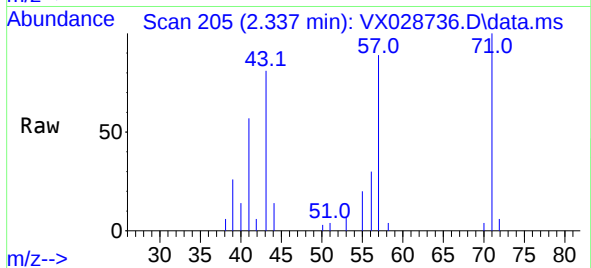




#13  
Acrolein  
Concen: 3.127 ug/l  
RT: 2.337 min Scan# 205  
Delta R.T. 0.104 min  
Lab File: VX028736.D  
Acq: 16 May 2022 17:05

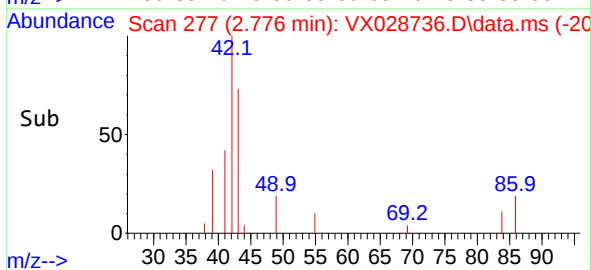
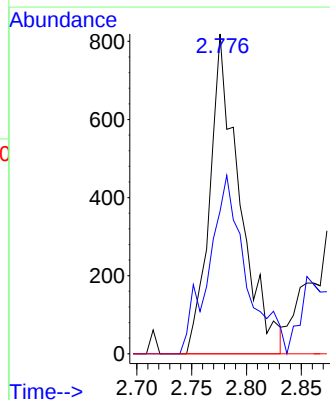
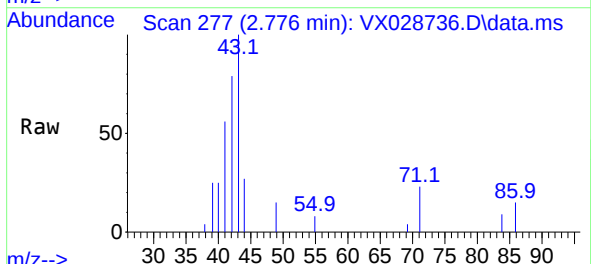
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-11R

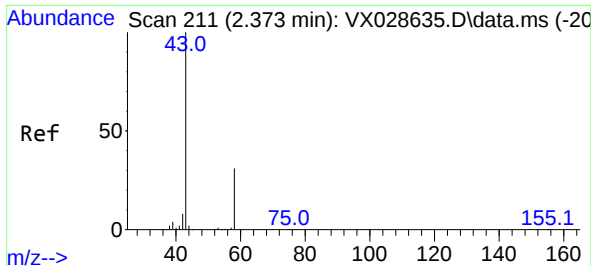
Tgt Ion: 56 Resp: 1708  
Ion Ratio Lower Upper  
56 100  
55 57.7 55.0 82.6



#14  
Allyl chloride  
Concen: 0.387 ug/l  
RT: 2.776 min Scan# 277  
Delta R.T. 0.116 min  
Lab File: VX028736.D  
Acq: 16 May 2022 17:05

Tgt Ion: 41 Resp: 1559  
Ion Ratio Lower Upper  
41 100  
39 69.0 50.4 75.6  
76 0.0 32.7 49.1#

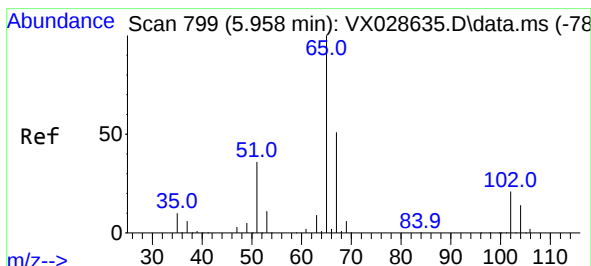
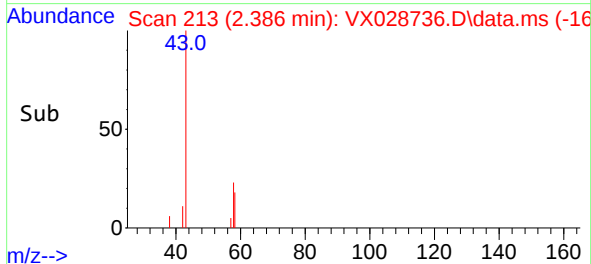
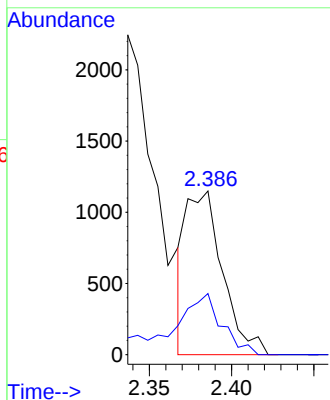
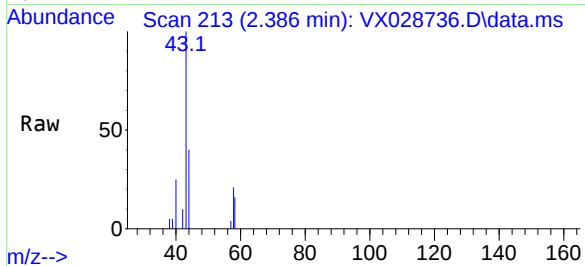




#16  
Acetone  
Concen: 1.243 ug/l  
RT: 2.386 min Scan# 211  
Delta R.T. 0.013 min  
Lab File: VX028736.D  
Acq: 16 May 2022 17:05

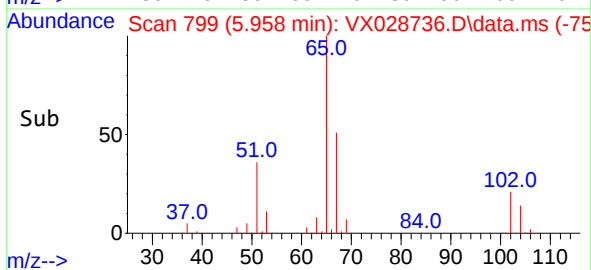
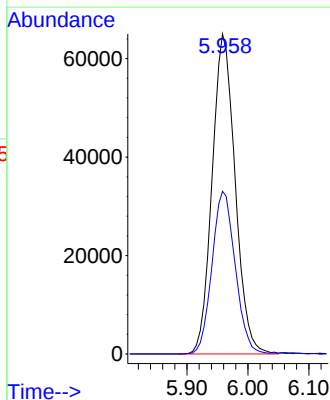
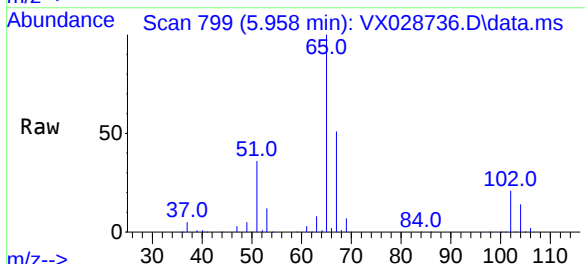
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-11R

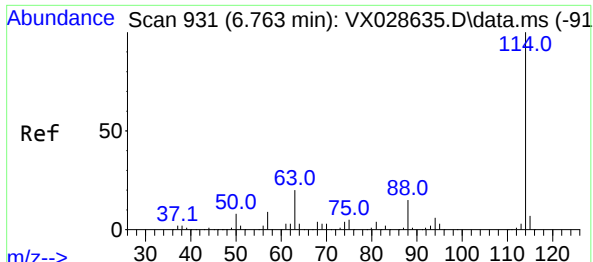
Tgt Ion: 43 Resp: 1775  
Ion Ratio Lower Upper  
43 100  
58 37.3 28.8 43.2



#33  
1,2-Dichloroethane-d4  
Concen: 51.281 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX028736.D  
Acq: 16 May 2022 17:05

Tgt Ion: 65 Resp: 170655  
Ion Ratio Lower Upper  
65 100  
67 51.4 0.0 107.4

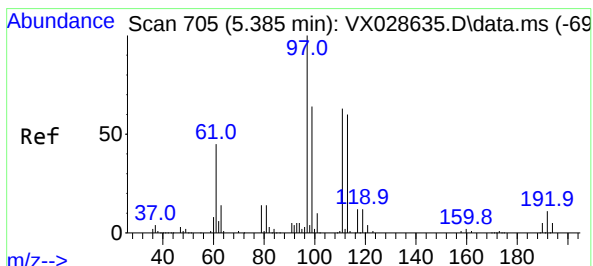
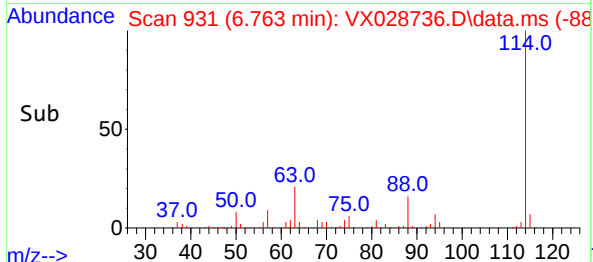
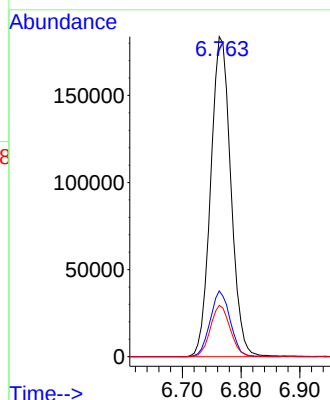
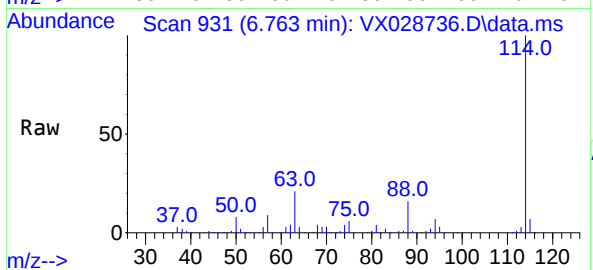




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX028736.D  
Acq: 16 May 2022 17:05

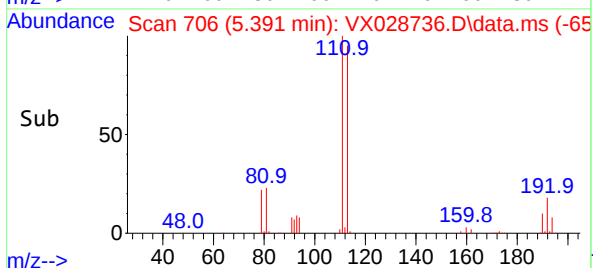
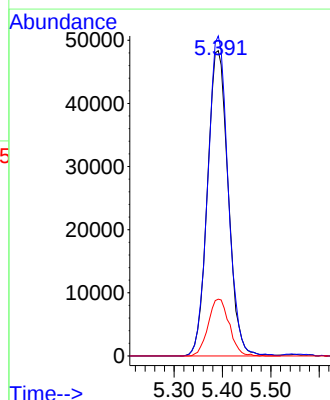
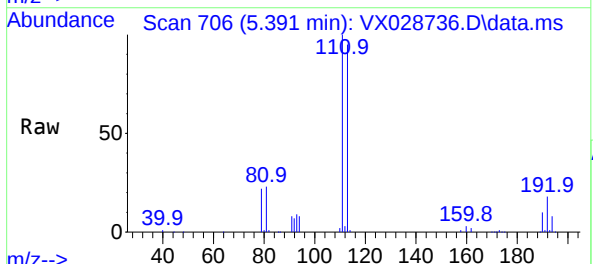
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-11R

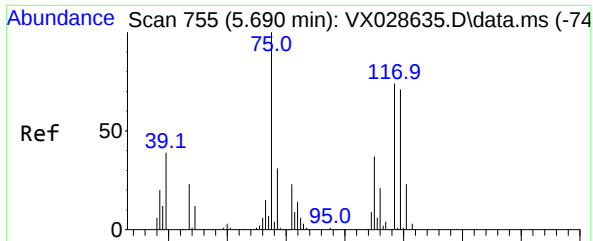
Tgt Ion:114 Resp: 437572  
Ion Ratio Lower Upper  
114 100  
63 20.6 0.0 36.8  
88 16.1 0.0 32.4



#35  
Dibromofluoromethane  
Concen: 50.184 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX028736.D  
Acq: 16 May 2022 17:05

Tgt Ion:113 Resp: 143872  
Ion Ratio Lower Upper  
113 100  
111 102.6 82.8 124.2  
192 18.9 16.9 25.3

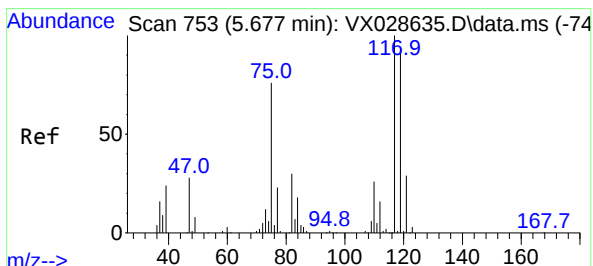
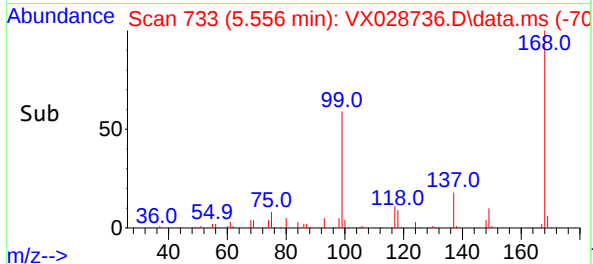
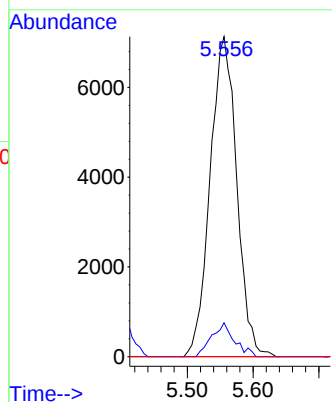
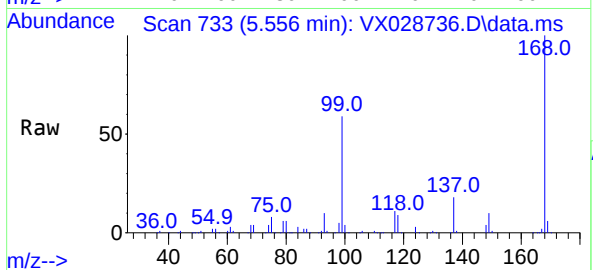




#36  
1,1-Dichloropropene  
Concen: 4.667 ug/l  
RT: 5.556 min Scan# 713  
Delta R.T. -0.134 min  
Lab File: VX028736.D  
Acq: 16 May 2022 17:05

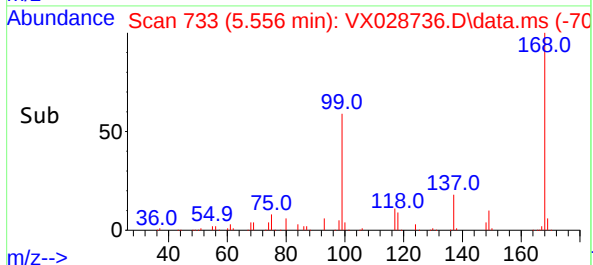
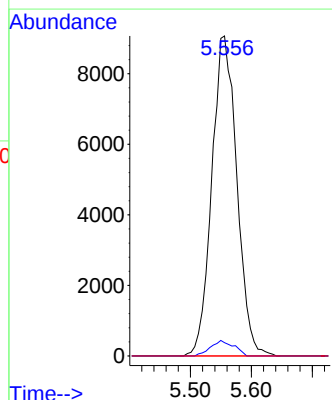
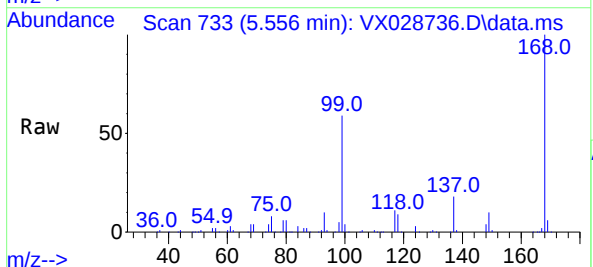
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-11R

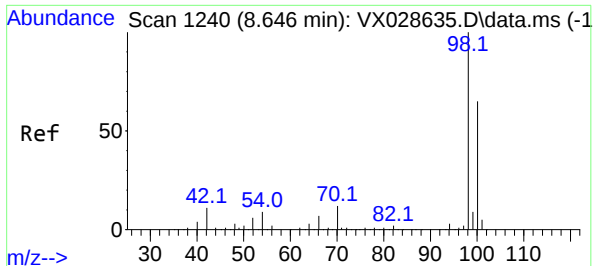
Tgt Ion: 75 Resp: 20096  
Ion Ratio Lower Upper  
75 100  
110 9.1 18.3 54.8#  
77 0.0 24.8 37.2#



#38  
Carbon Tetrachloride  
Concen: 5.978 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. -0.121 min  
Lab File: VX028736.D  
Acq: 16 May 2022 17:05

Tgt Ion: 117 Resp: 25905  
Ion Ratio Lower Upper  
117 100  
119 4.2 77.3 115.9#  
121 0.0 24.2 36.2#

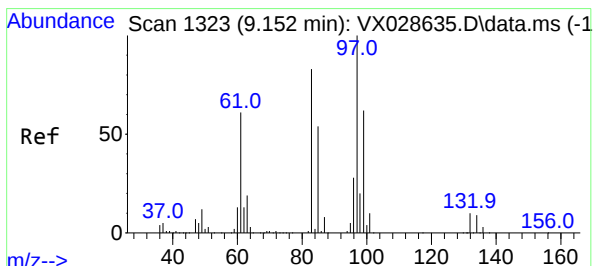
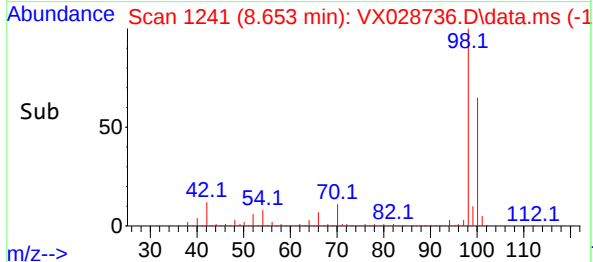
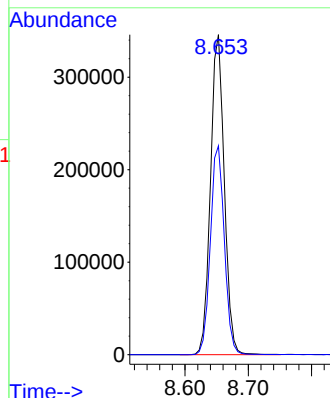
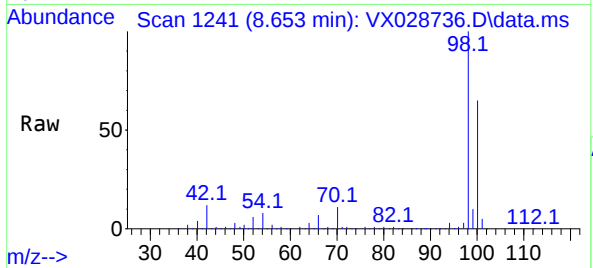




#50  
Toluene-d8  
Concen: 48.645 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. 0.007 min  
Lab File: VX028736.D  
Acq: 16 May 2022 17:05

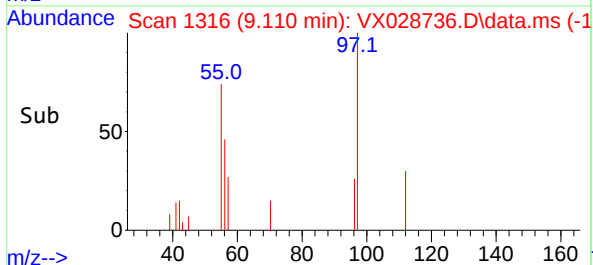
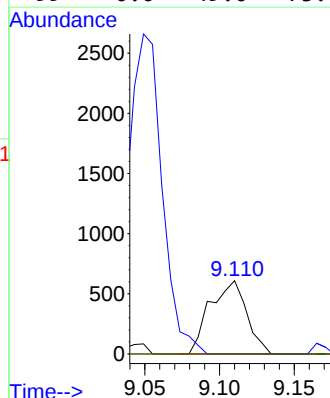
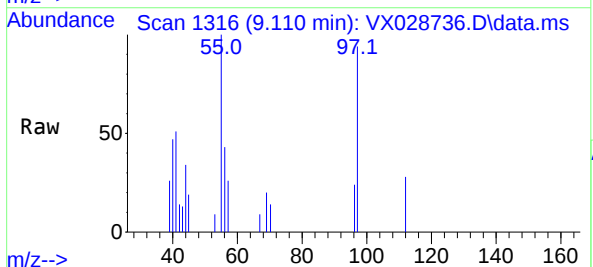
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-11R

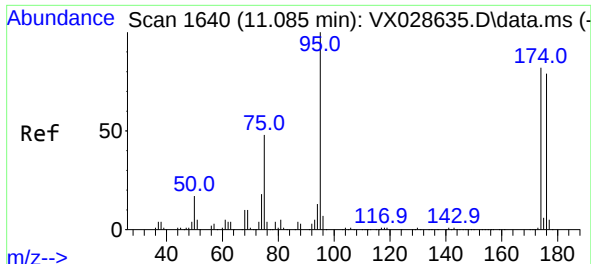
Tgt Ion: 98 Resp: 525793  
Ion Ratio Lower Upper  
98 100  
100 66.1 52.6 78.8



#55  
1,1,2-Trichloroethane  
Concen: 0.319 ug/l  
RT: 9.110 min Scan# 1316  
Delta R.T. -0.042 min  
Lab File: VX028736.D  
Acq: 16 May 2022 17:05

Tgt Ion: 97 Resp: 1036  
Ion Ratio Lower Upper  
97 100  
83 0.0 66.2 99.4#  
85 0.0 42.9 64.3#  
99 0.0 49.0 73.6#

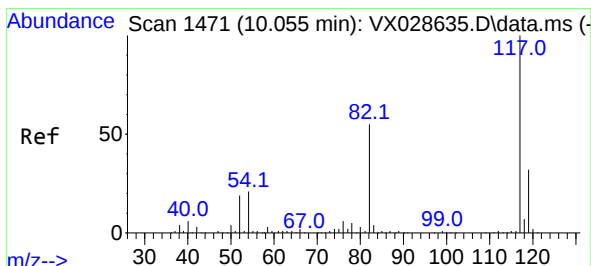
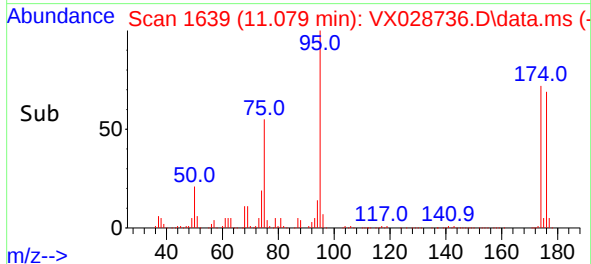
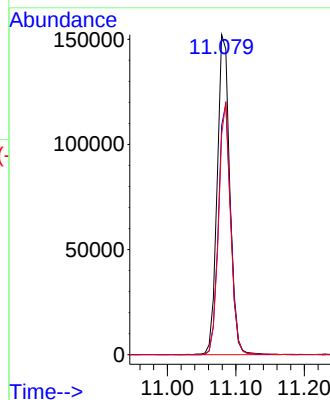
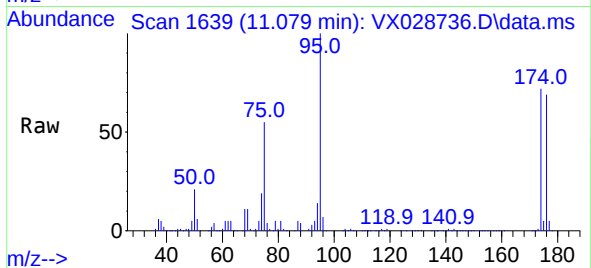




#62  
4-Bromofluorobenzene  
Concen: 48.074 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.006 min  
Lab File: VX028736.D  
Acq: 16 May 2022 17:05

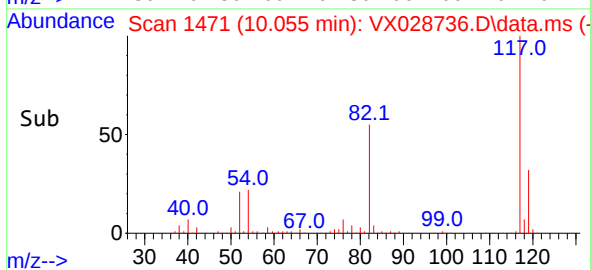
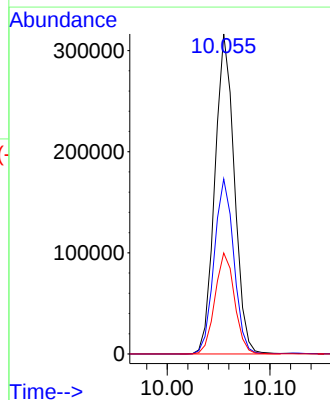
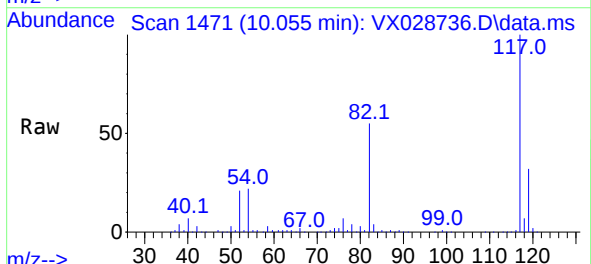
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-11R

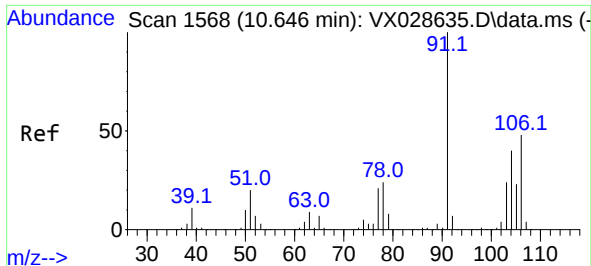
Tgt Ion: 95 Resp: 194082  
Ion Ratio Lower Upper  
95 100  
174 76.9 0.0 163.0  
176 74.9 0.0 155.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX028736.D  
Acq: 16 May 2022 17:05

Tgt Ion: 117 Resp: 416256  
Ion Ratio Lower Upper  
117 100  
82 54.7 41.8 62.8  
119 31.6 24.8 37.2

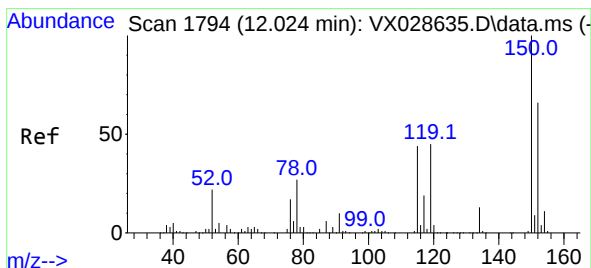
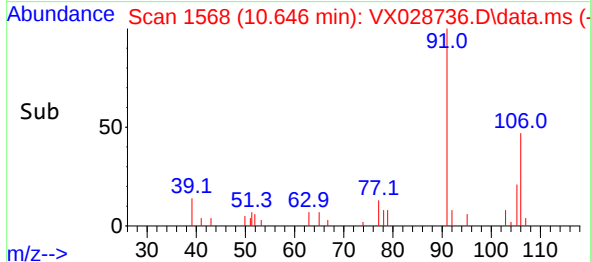
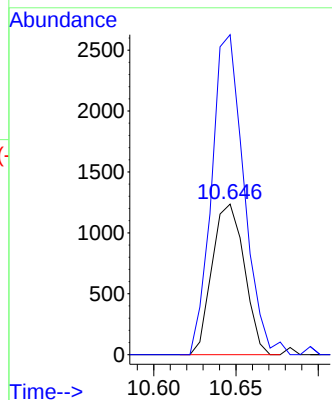
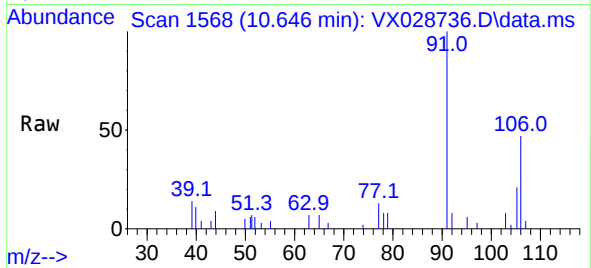




#69  
o-Xylene  
Concen: 0.278 ug/l  
RT: 10.646 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX028736.D  
Acq: 16 May 2022 17:05

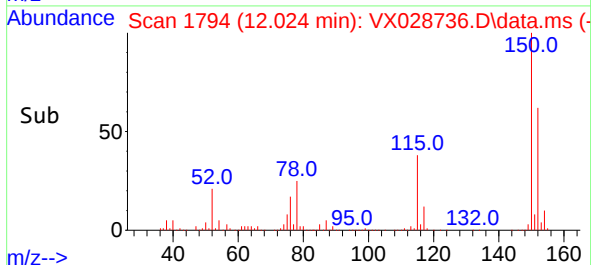
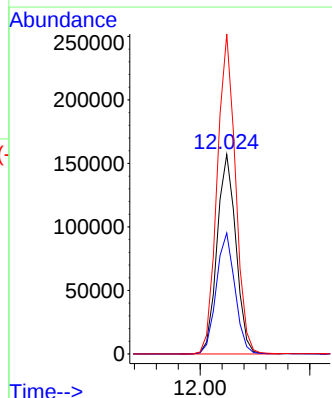
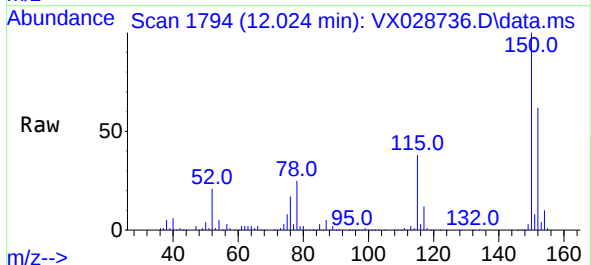
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-11R

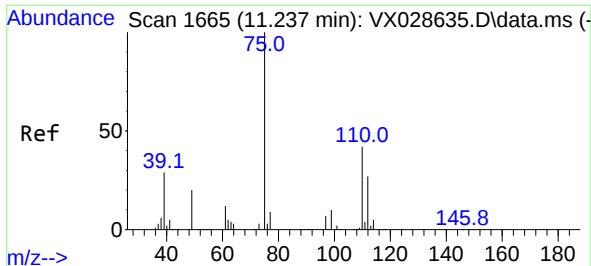
Tgt Ion:106 Resp: 1684  
Ion Ratio Lower Upper  
106 100  
91 212.8 106.1 318.1



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX028736.D  
Acq: 16 May 2022 17:05

Tgt Ion:152 Resp: 187272  
Ion Ratio Lower Upper  
152 100  
115 60.4 37.5 112.7  
150 156.6 0.0 338.2

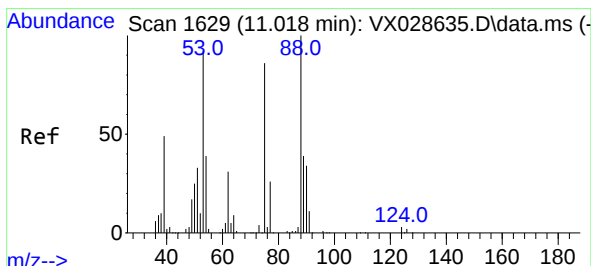
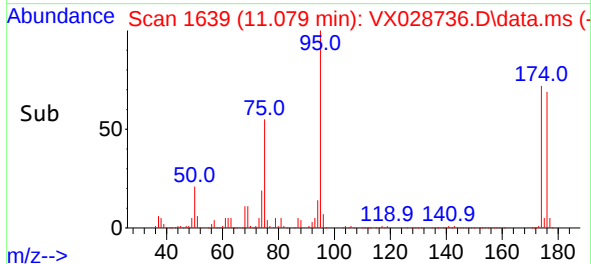
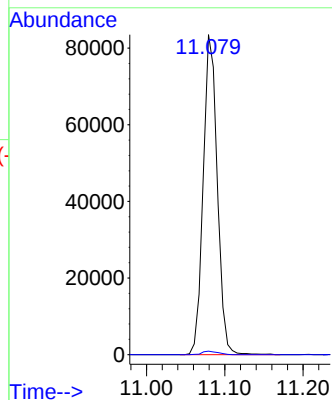
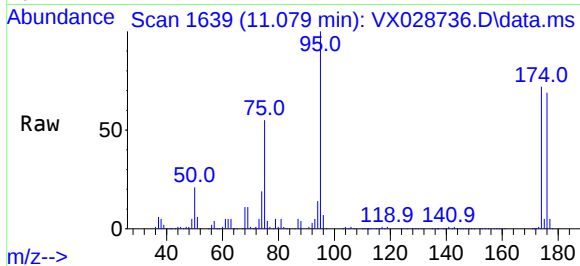




#76  
1,2,3-Trichloropropane  
Concen: 23.716 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.158 min  
Lab File: VX028736.D  
Acq: 16 May 2022 17:05

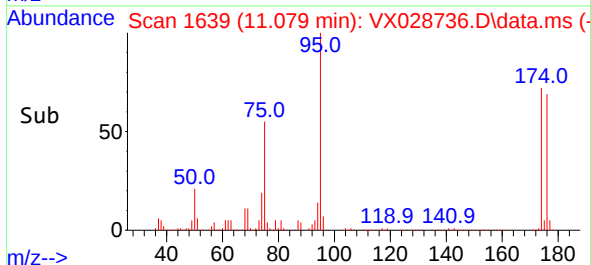
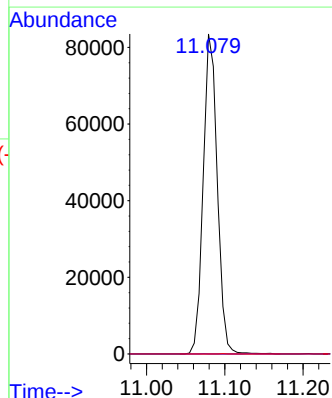
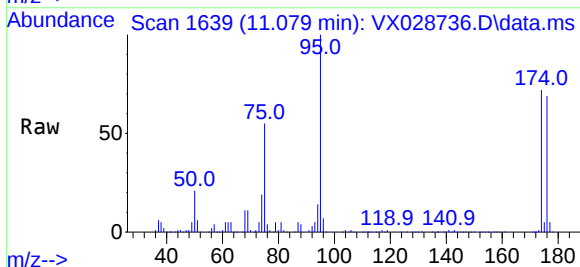
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-11R

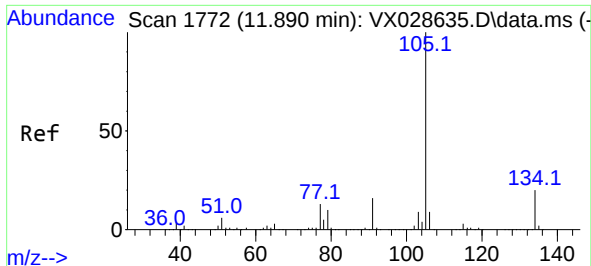
Tgt Ion: 75 Resp: 104014  
Ion Ratio Lower Upper  
75 100  
77 1.3 19.4 58.2#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 69.146 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.061 min  
Lab File: VX028736.D  
Acq: 16 May 2022 17:05

Tgt Ion: 75 Resp: 104014  
Ion Ratio Lower Upper  
75 100  
53 0.0 69.0 103.4#  
89 0.0 37.0 55.6#

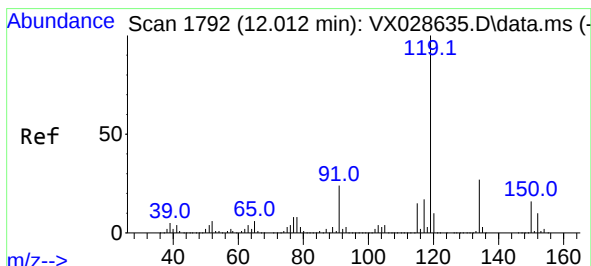
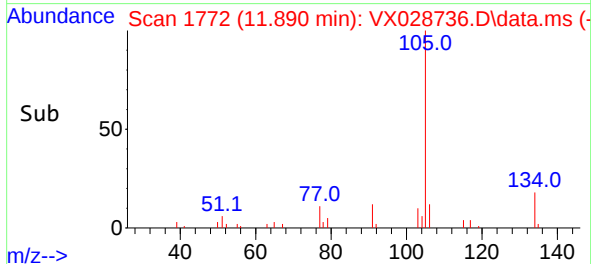
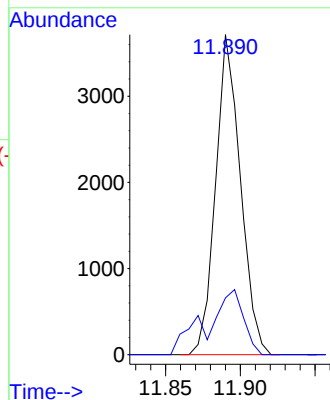
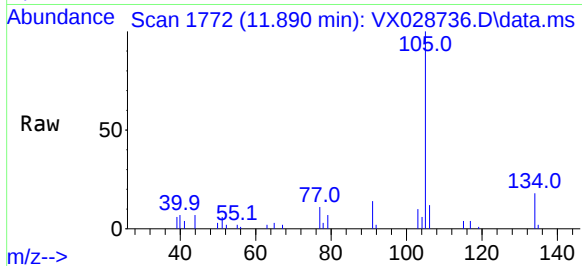




#85  
 sec-Butylbenzene  
 Concen: 0.303 ug/l  
 RT: 11.890 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX028736.D  
 Acq: 16 May 2022 17:05

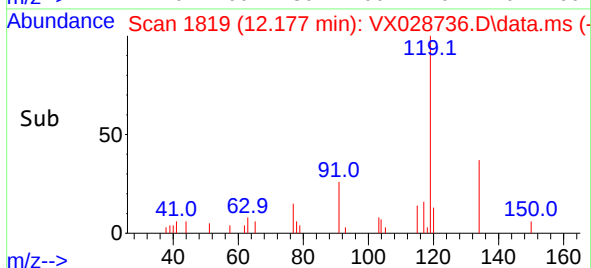
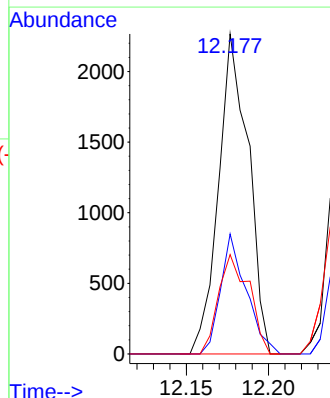
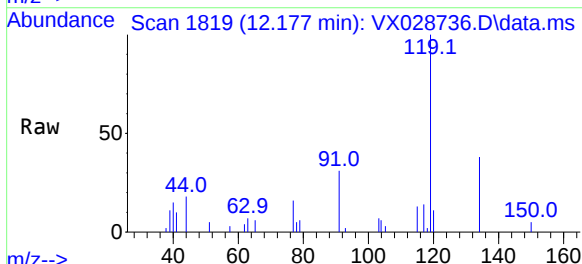
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-11R

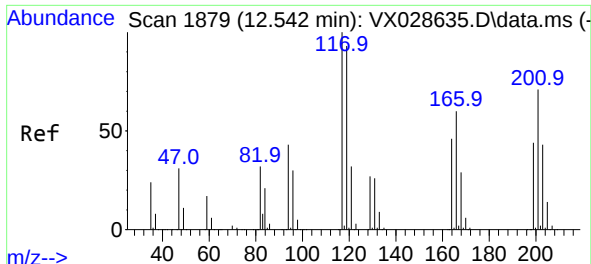
Tgt Ion:105 Resp: 4283  
 Ion Ratio Lower Upper  
 105 100  
 134 20.5 10.2 30.4



#86  
 p-Isopropyltoluene  
 Concen: 0.241 ug/l  
 RT: 12.177 min Scan# 1819  
 Delta R.T. 0.165 min  
 Lab File: VX028736.D  
 Acq: 16 May 2022 17:05

Tgt Ion:119 Resp: 2861  
 Ion Ratio Lower Upper  
 119 100  
 134 32.4 13.0 39.0  
 91 31.8 11.3 33.9

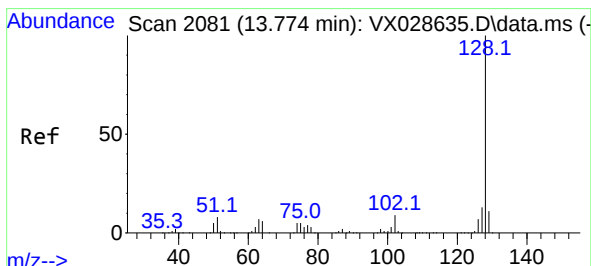
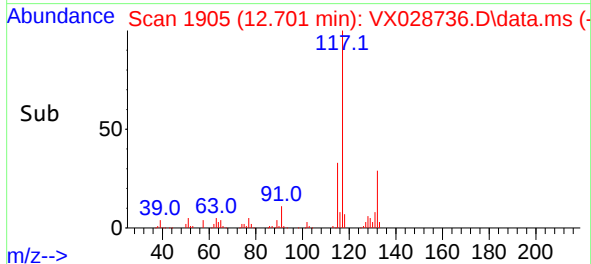
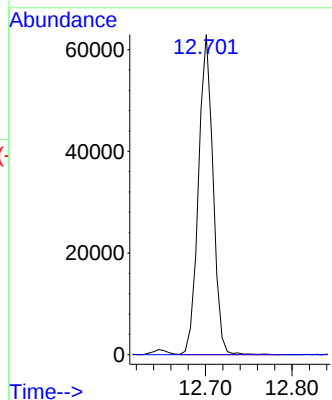
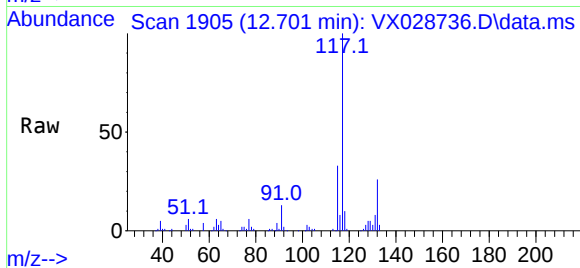




#90  
Hexachloroethane  
Concen: 38.232 ug/l  
RT: 12.701 min Scan# 1905  
Delta R.T. 0.159 min  
Lab File: VX028736.D  
Acq: 16 May 2022 17:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-11R

Tgt Ion:117 Resp: 73321  
Ion Ratio Lower Upper  
117 100  
201 0.0 39.5 118.5#



#95  
Naphthalene  
Concen: 0.291 ug/l  
RT: 13.780 min Scan# 2082  
Delta R.T. 0.006 min  
Lab File: VX028736.D  
Acq: 16 May 2022 17:05

Tgt Ion:128 Resp: 3867  
Ion Ratio Lower Upper  
128 100  
127 15.4 10.2 15.4#  
129 16.6 8.7 13.1#

