

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX020722\  
 Data File : VX026786.D  
 Acq On : 07 Feb 2022 15:52  
 Operator : JC/MD  
 Sample : N1359-03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-11R

Quant Time: Feb 07 23:30:32 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011122W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 11 14:45:13 2022  
 Response via : Initial Calibration

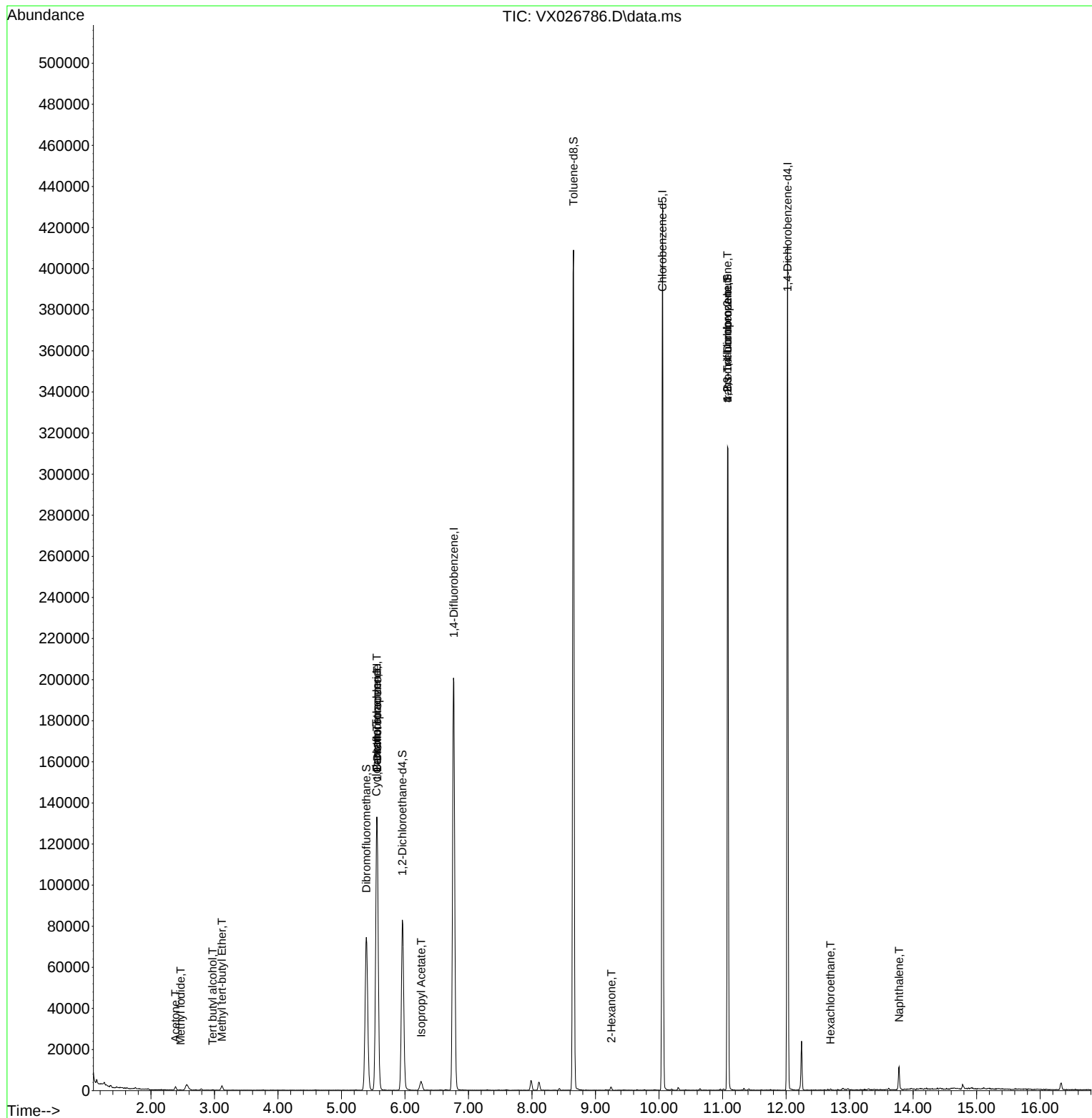
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) Pentafluorobenzene         | 5.556  | 168   | 126769   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.769  | 114   | 210595   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117   | 190943   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024 | 152   | 82121    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.958  | 65    | 80262    | 45.324   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 78 - 117 | Recovery | =      | 90.640%  |
| 35) Dibromofluoromethane      | 5.391  | 113   | 66056    | 48.572   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery | =      | 97.140%  |
| 50) Toluene-d8                | 8.653  | 98    | 246509   | 50.301   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 92 - 112 | Recovery | =      | 100.600% |
| 62) 4-Bromofluorobenzene      | 11.079 | 95    | 89958    | 51.673   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery | =      | 103.340% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 10) Methyl Iodide             | 2.465  | 142   | 50       | 4.476    | ug/l # | 37       |
| 11) Tert butyl alcohol        | 2.971  | 59    | 253      | 1.027    | ug/l # | 75       |
| 16) Acetone                   | 2.386  | 43    | 2107     | 2.333    | ug/l   | 93       |
| 19) Methyl tert-butyl Ether   | 3.117  | 73    | 2197     | 0.457    | ug/l   | 99       |
| 31) Cyclohexane               | 5.550  | 56    | 2377     | 0.910    | ug/l # | 6        |
| 36) 1,1-Dichloropropene       | 5.562  | 75    | 9571     | 4.458    | ug/l # | 51       |
| 38) Carbon Tetrachloride      | 5.556  | 117   | 13218    | 5.986    | ug/l # | 16       |
| 43) Isopropyl Acetate         | 6.257  | 43    | 1035     | 0.295    | ug/l # | 62       |
| 59) 2-Hexanone                | 9.250  | 43    | 1011     | 0.635    | ug/l   | 75       |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75    | 44254    | 24.475   | ug/l # | 40       |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75    | 44254    | 74.499   | ug/l # | 3        |
| 90) Hexachloroethane          | 12.701 | 117   | 380      | 2.565    | ug/l # | 14       |
| 95) Naphthalene               | 13.780 | 128   | 7164     | 1.226    | ug/l # | 97       |
| -----                         |        |       |          |          |        |          |

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

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Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-11R

Quant Time: Feb 07 23:30:32 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011122W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jan 11 14:45:13 2022  
Response via : Initial Calibration

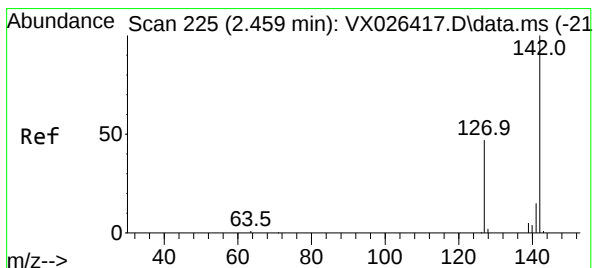
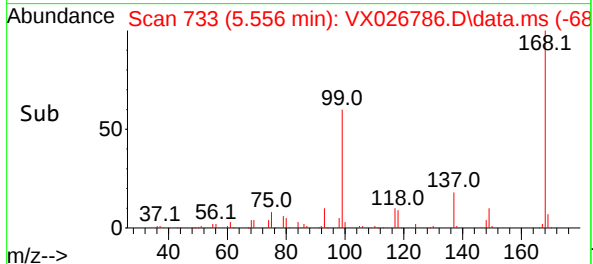
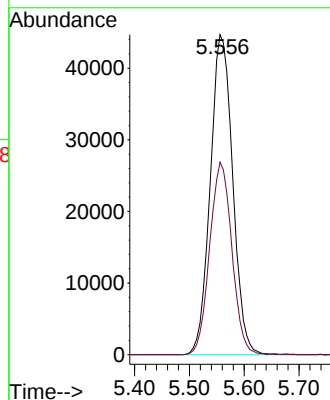
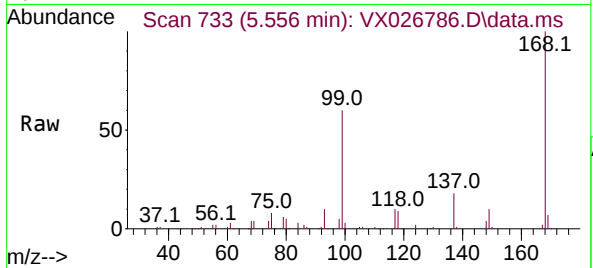




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX026786.D  
Acq: 07 Feb 2022 15:52

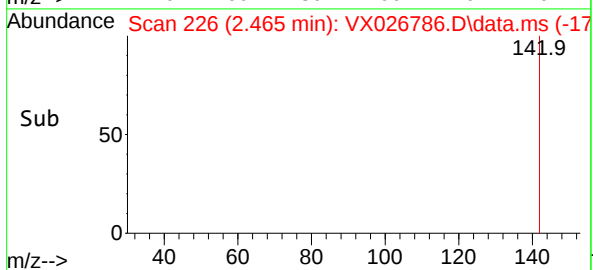
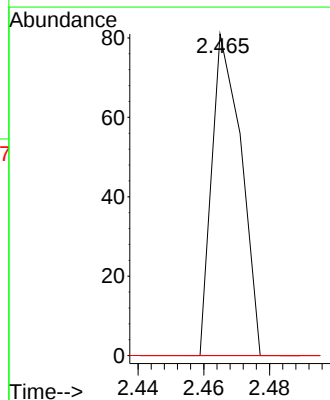
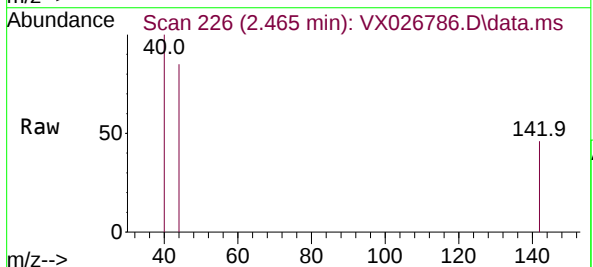
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-11R

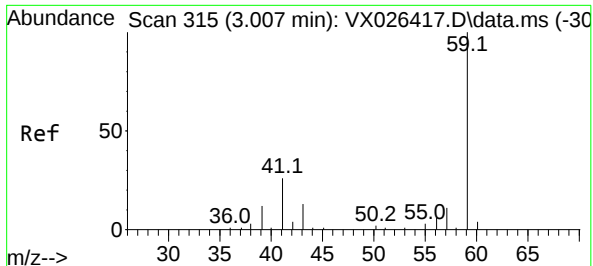
Tgt Ion:168 Resp: 126769  
Ion Ratio Lower Upper  
168 100  
99 60.1 50.3 75.5



#10  
Methyl Iodide  
Concen: 4.476 ug/l  
RT: 2.465 min Scan# 226  
Delta R.T. 0.006 min  
Lab File: VX026786.D  
Acq: 07 Feb 2022 15:52

Tgt Ion:142 Resp: 50  
Ion Ratio Lower Upper  
142 100  
127 0.0 38.1 57.1#  
141 0.0 11.2 16.8#





#11

Tert butyl alcohol

Concen: 1.027 ug/l

RT: 2.971 min Scan# 309

Delta R.T. -0.036 min

Lab File: VX026786.D

Acq: 07 Feb 2022 15:52

Instrument :

MSVOA\_X

ClientSampleId :

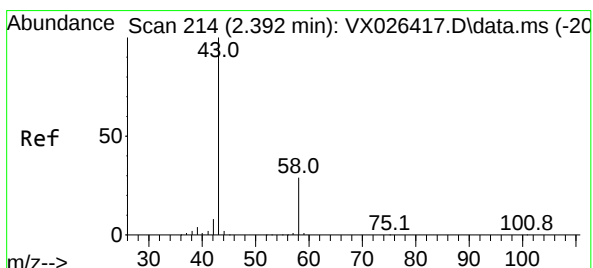
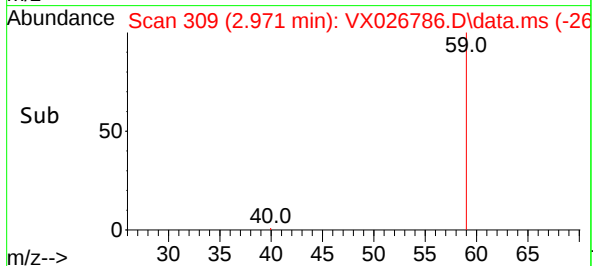
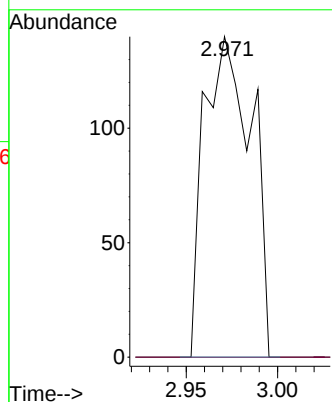
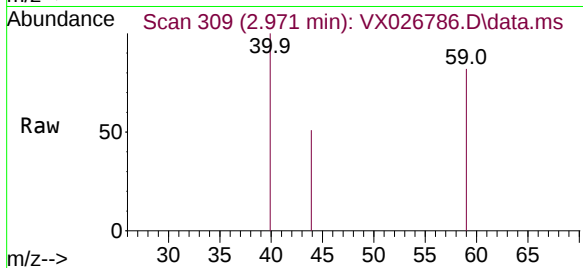
MW-11R

Tgt Ion: 59 Resp: 253

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#16

Acetone

Concen: 2.333 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX026786.D

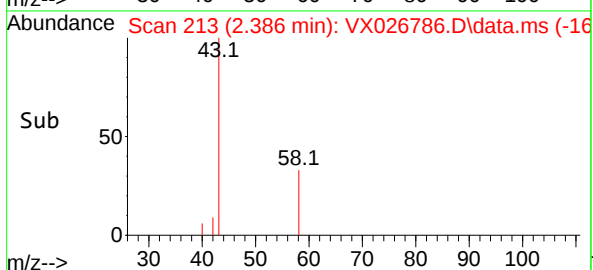
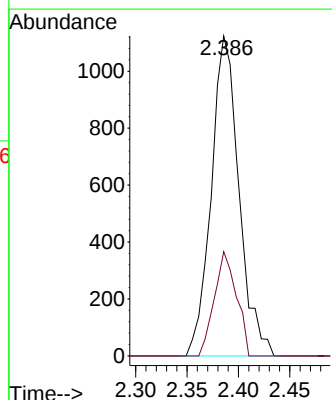
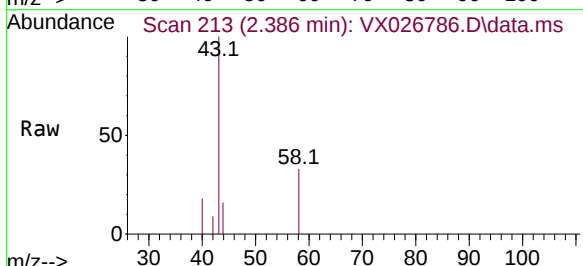
Acq: 07 Feb 2022 15:52

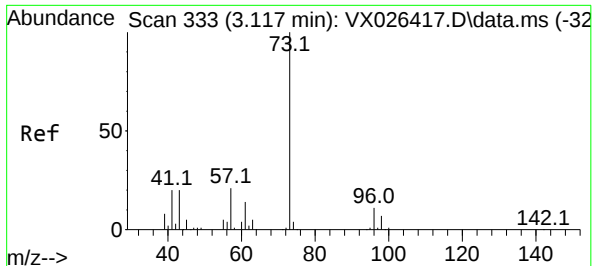
Tgt Ion: 43 Resp: 2107

Ion Ratio Lower Upper

43 100

58 32.6 23.0 34.6





#19

Methyl tert-butyl Ether

Concen: 0.457 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX026786.D

Acq: 07 Feb 2022 15:52

Instrument :

MSVOA\_X

ClientSampleId :

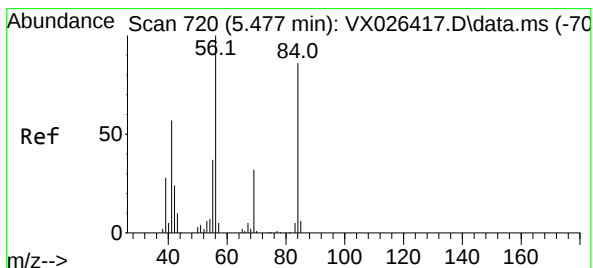
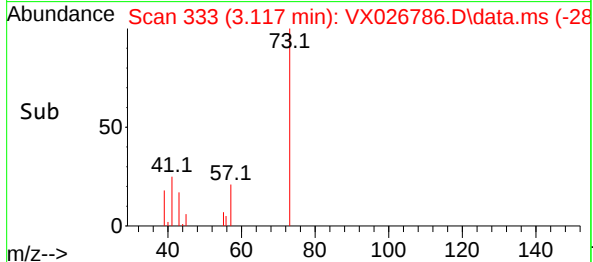
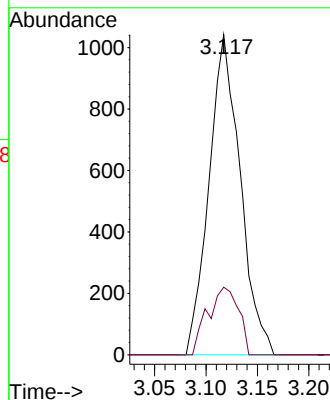
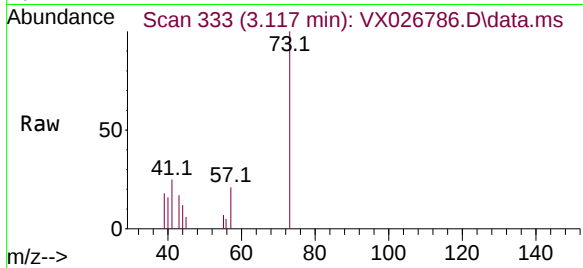
MW-11R

Tgt Ion: 73 Resp: 2197

Ion Ratio Lower Upper

73 100

57 21.1 17.4 26.2



#31

Cyclohexane

Concen: 0.910 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.073 min

Lab File: VX026786.D

Acq: 07 Feb 2022 15:52

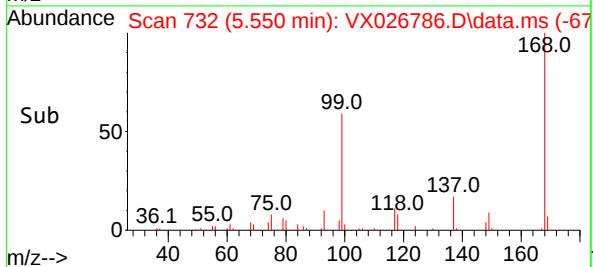
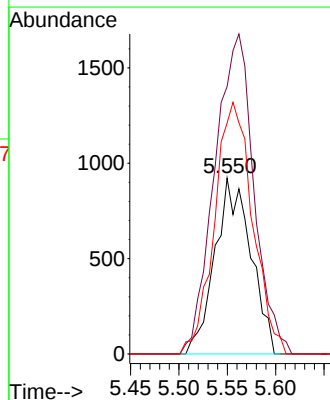
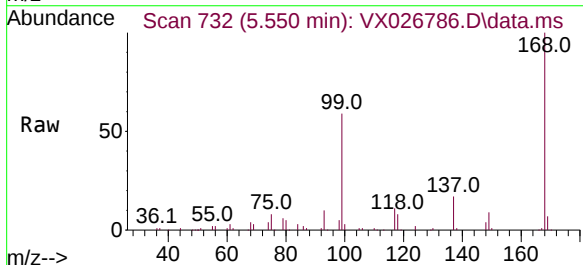
Tgt Ion: 56 Resp: 2377

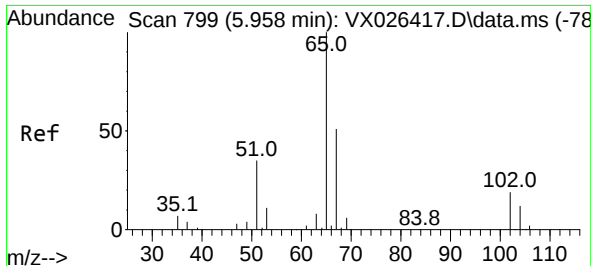
Ion Ratio Lower Upper

56 100

69 152.1 25.8 38.6#

84 131.3 68.9 103.3#

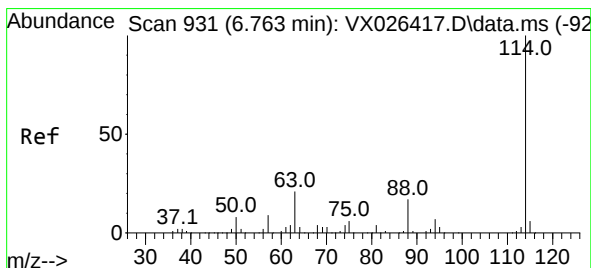
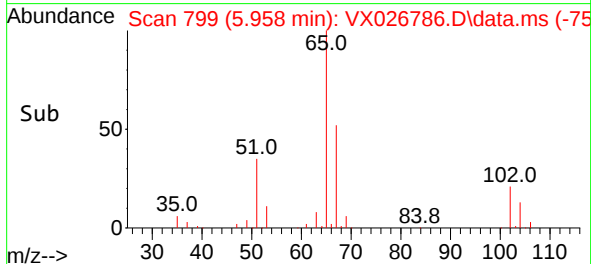
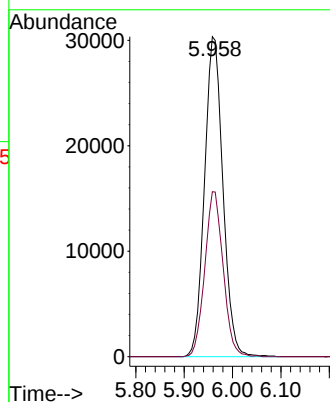
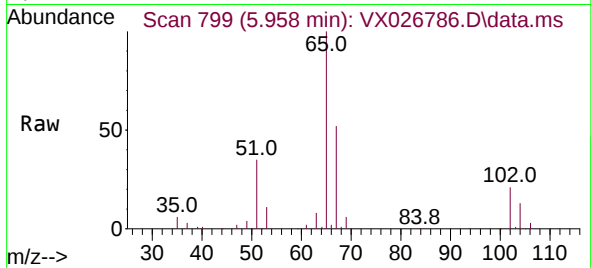




#33  
 1,2-Dichloroethane-d4  
 Concen: 45.324 ug/l  
 RT: 5.958 min Scan# 799  
 Delta R.T. 0.000 min  
 Lab File: VX026786.D  
 Acq: 07 Feb 2022 15:52

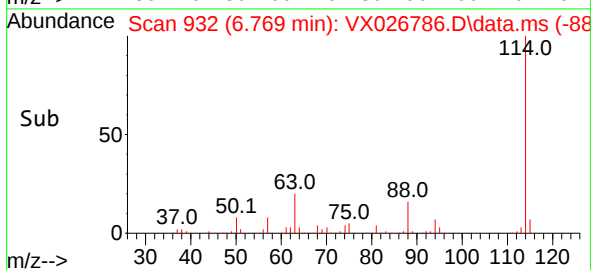
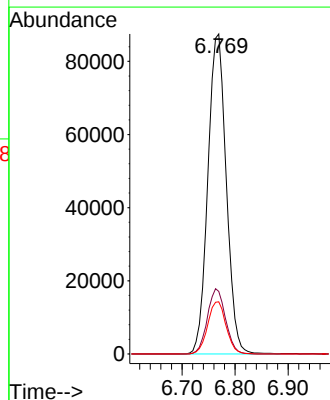
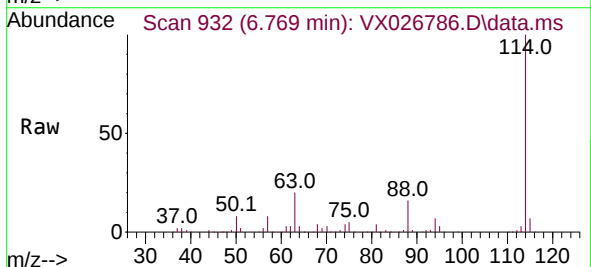
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-11R

Tgt Ion: 65 Resp: 80262  
 Ion Ratio Lower Upper  
 65 100  
 67 51.4 0.0 100.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.769 min Scan# 932  
 Delta R.T. 0.006 min  
 Lab File: VX026786.D  
 Acq: 07 Feb 2022 15:52

Tgt Ion: 114 Resp: 210595  
 Ion Ratio Lower Upper  
 114 100  
 63 19.5 0.0 42.8  
 88 16.3 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.572 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026786.D

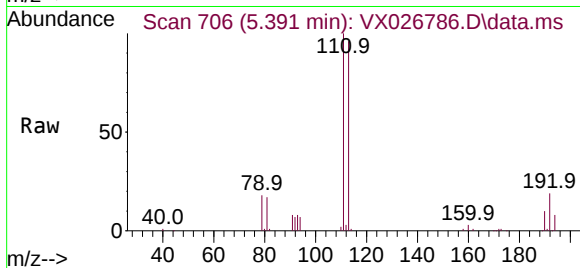
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Instrument :

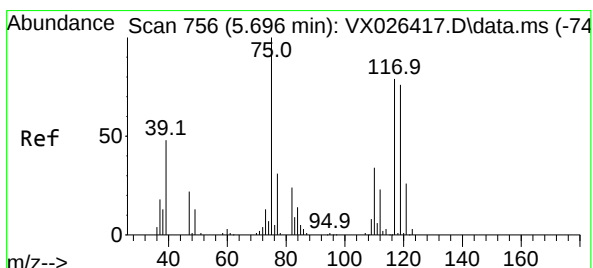
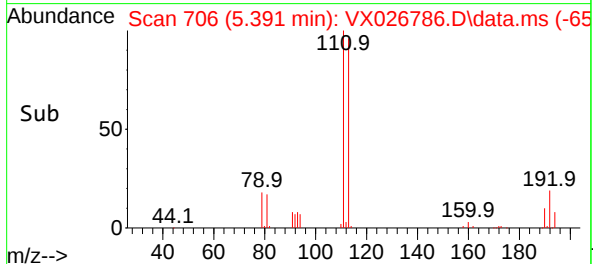
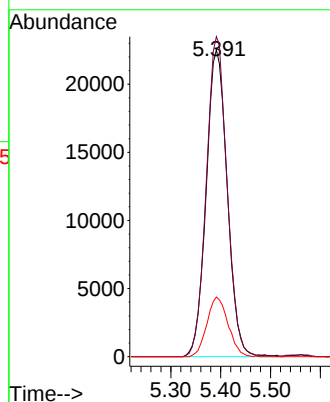
MSVOA\_X

ClientSampleId :

MW-11R



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 66056 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 102.8 | 81.2  | 121.8 |
| 192      | 19.5  | 15.0  | 22.4  |



#36

1,1-Dichloropropene

Concen: 4.458 ug/l

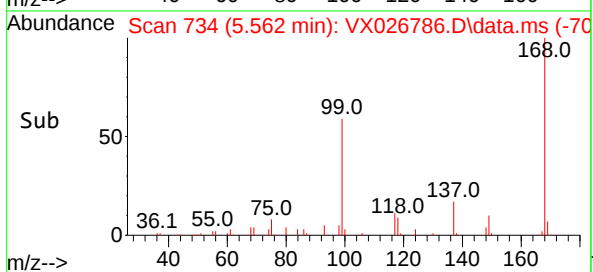
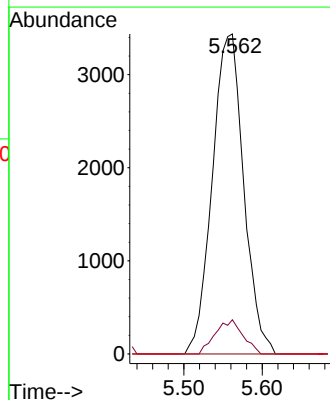
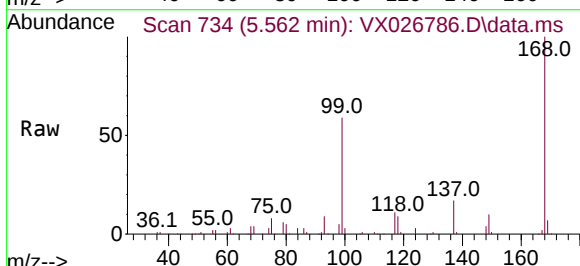
RT: 5.562 min Scan# 734

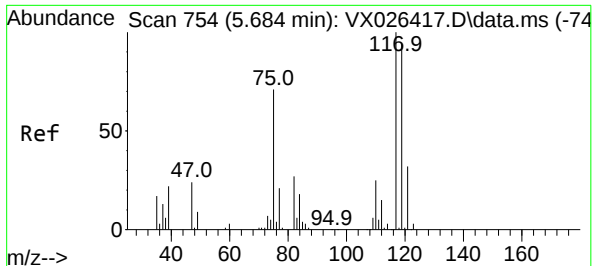
Delta R.T. -0.134 min

Lab File: VX026786.D

Acq: 07 Feb 2022 15:52

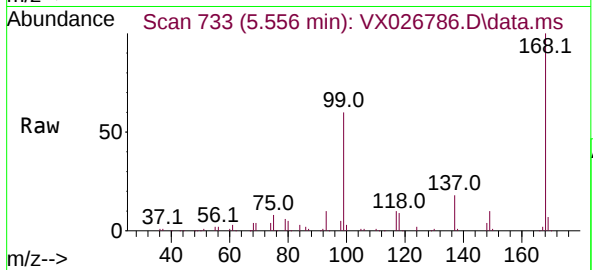
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 9571  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 9.4   | 17.2  | 51.6# |
| 77       | 0.0   | 24.6  | 36.8# |



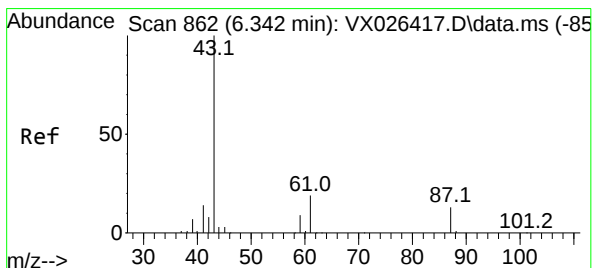
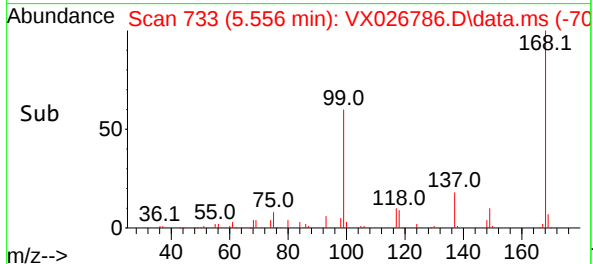
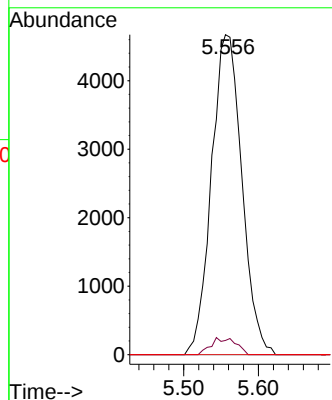


#38  
Carbon Tetrachloride  
Concen: 5.986 ug/l  
RT: 5.556 min Scan# 711  
Delta R.T. -0.128 min  
Lab File: VX026786.D  
Acq: 07 Feb 2022 15:52

Instrument :  
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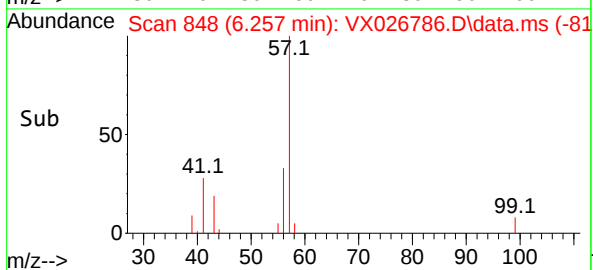
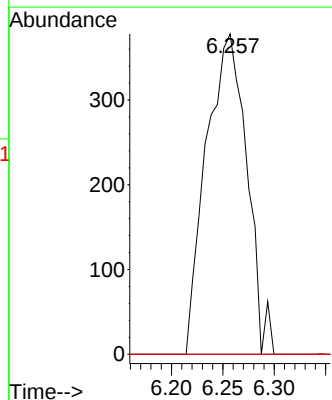
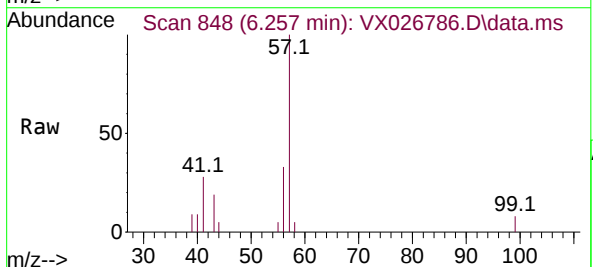


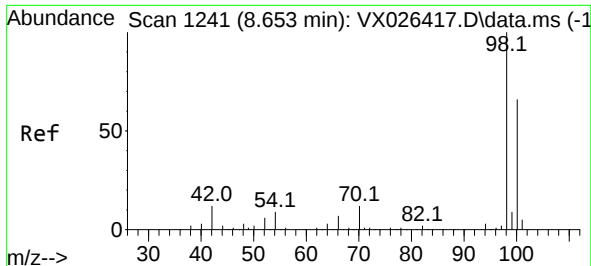
Tgt Ion:117 Resp: 13218  
Ion Ratio Lower Upper  
117 100  
119 4.4 74.7 112.1#  
121 0.0 25.4 38.0#



#43  
Isopropyl Acetate  
Concen: 0.295 ug/l  
RT: 6.257 min Scan# 848  
Delta R.T. -0.085 min  
Lab File: VX026786.D  
Acq: 07 Feb 2022 15:52

Tgt Ion: 43 Resp: 1035  
Ion Ratio Lower Upper  
43 100  
61 0.0 15.4 23.0#  
87 0.0 10.2 15.2#

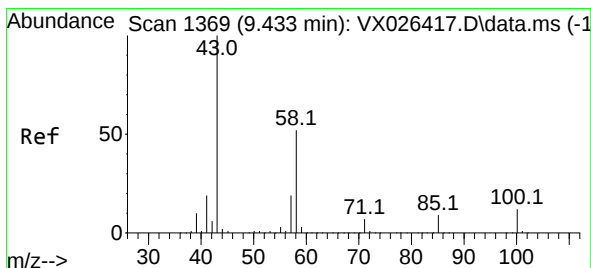
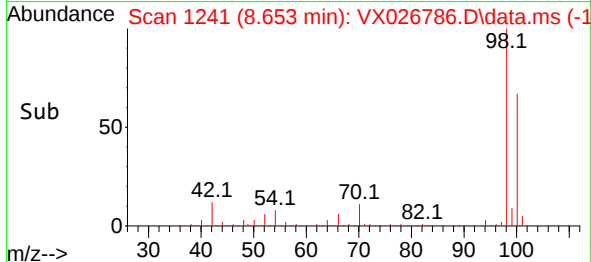
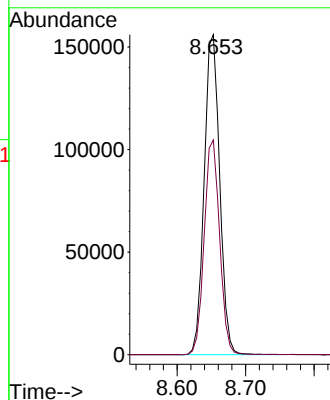
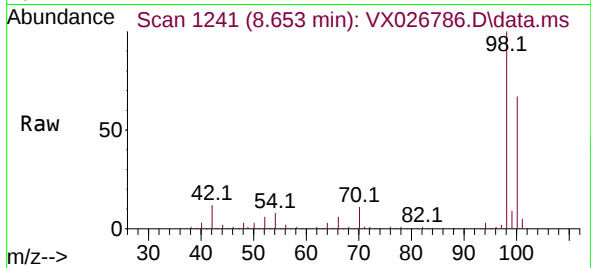




#50  
Toluene-d8  
Concen: 50.301 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX026786.D  
Acq: 07 Feb 2022 15:52

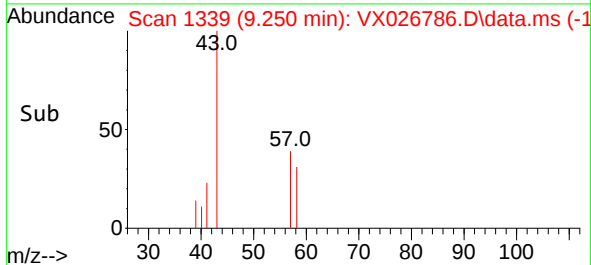
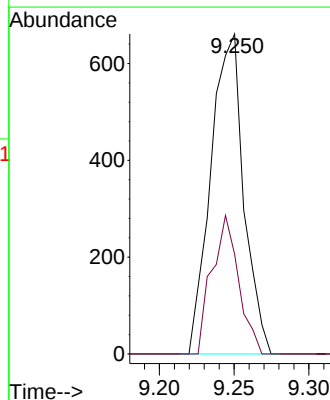
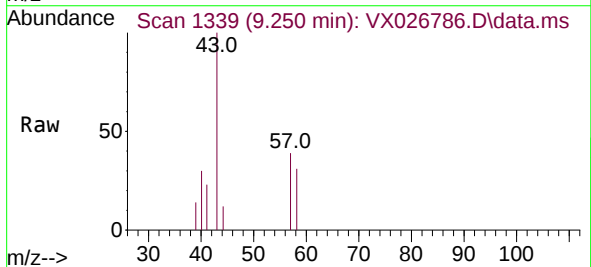
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-11R

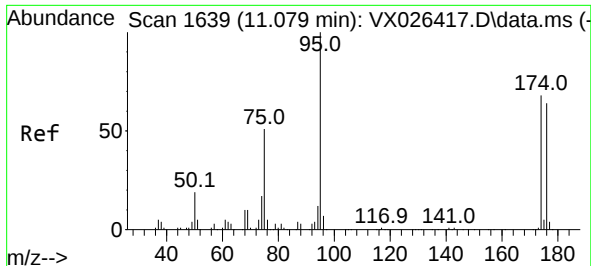
Tgt Ion: 98 Resp: 246509  
Ion Ratio Lower Upper  
98 100  
100 66.6 53.2 79.8



#59  
2-Hexanone  
Concen: 0.635 ug/l  
RT: 9.250 min Scan# 1339  
Delta R.T. -0.183 min  
Lab File: VX026786.D  
Acq: 07 Feb 2022 15:52

Tgt Ion: 43 Resp: 1011  
Ion Ratio Lower Upper  
43 100  
58 35.1 26.4 79.2

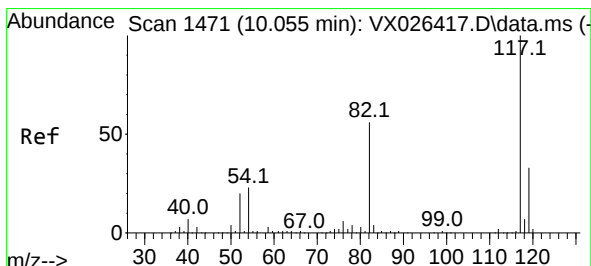
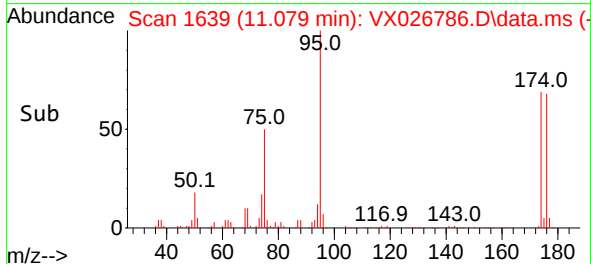
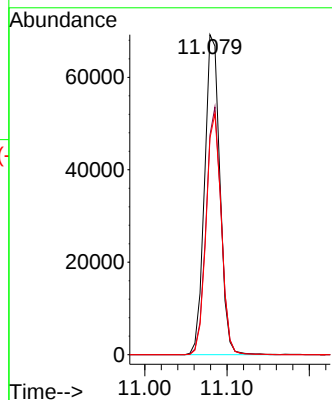
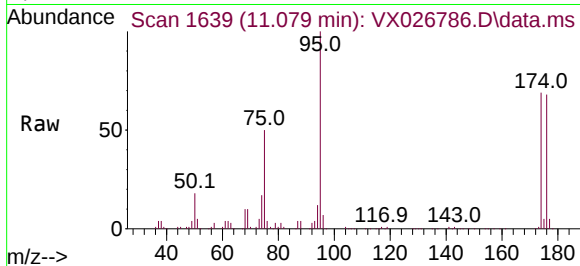




#62  
4-Bromofluorobenzene  
Concen: 51.673 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX026786.D  
Acq: 07 Feb 2022 15:52

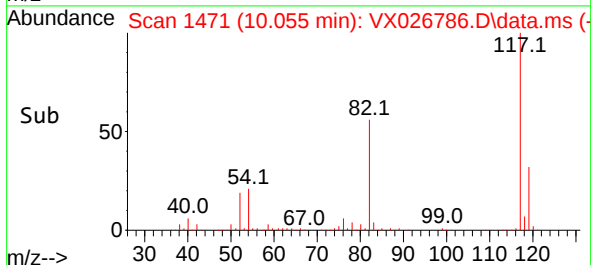
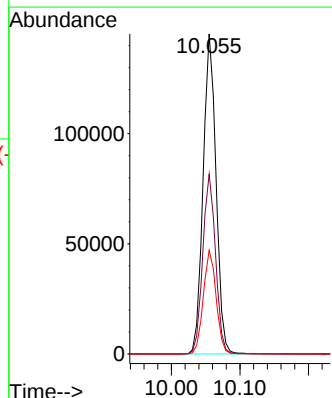
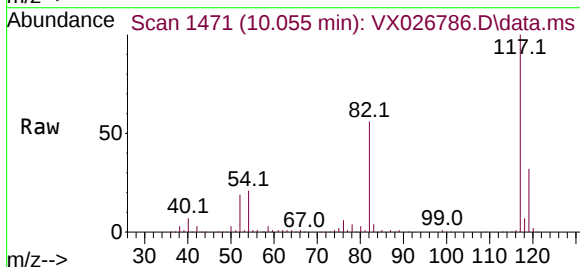
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-11R

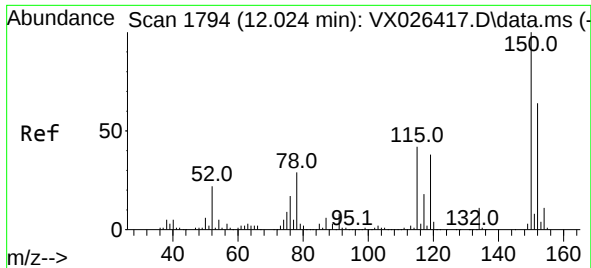
Tgt Ion: 95 Resp: 89958  
Ion Ratio Lower Upper  
95 100  
174 76.0 0.0 148.6  
176 74.5 0.0 141.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX026786.D  
Acq: 07 Feb 2022 15:52

Tgt Ion: 117 Resp: 190943  
Ion Ratio Lower Upper  
117 100  
82 56.2 45.2 67.8  
119 32.4 26.2 39.2

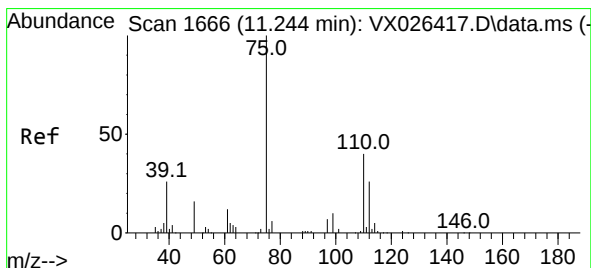
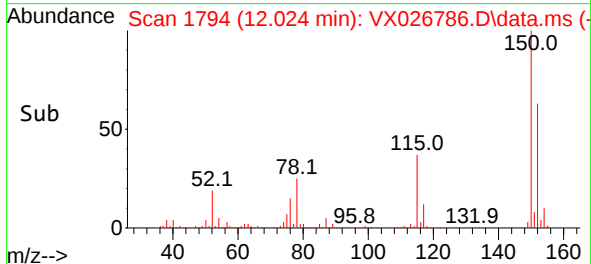
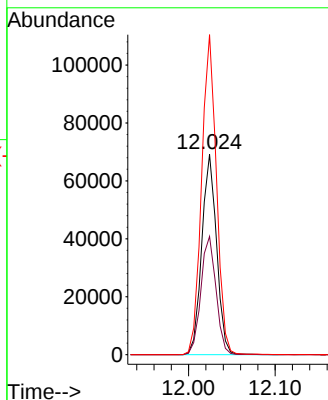
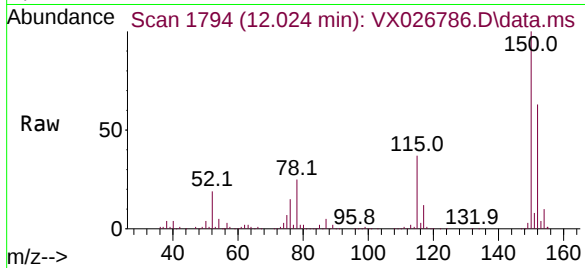




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX026786.D  
 Acq: 07 Feb 2022 15:52

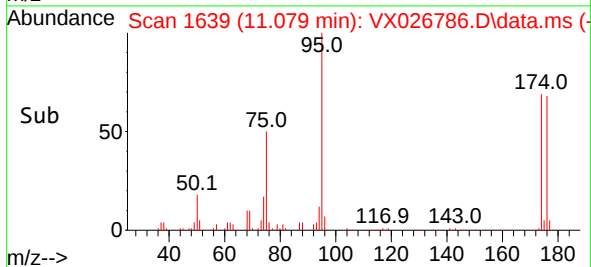
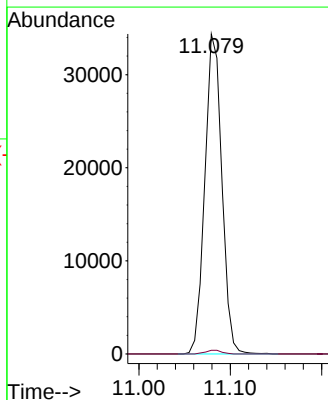
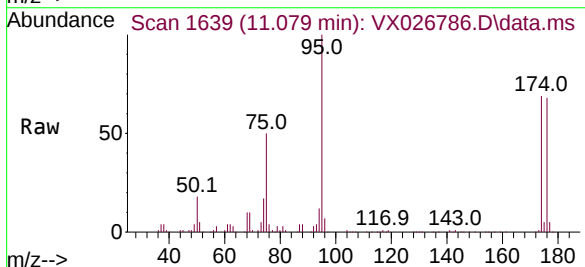
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-11R

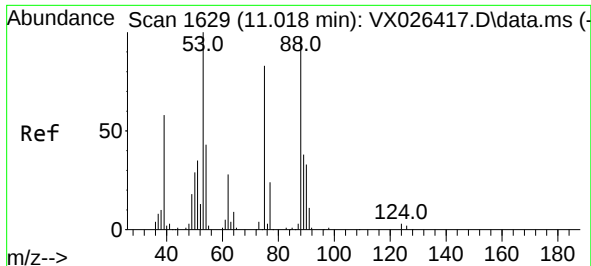
Tgt Ion:152 Resp: 82121  
 Ion Ratio Lower Upper  
 152 100  
 115 60.2 44.2 132.6  
 150 160.0 0.0 348.2



#76  
 1,2,3-Trichloropropane  
 Concen: 24.475 ug/l  
 RT: 11.079 min Scan# 1639  
 Delta R.T. -0.165 min  
 Lab File: VX026786.D  
 Acq: 07 Feb 2022 15:52

Tgt Ion: 75 Resp: 44254  
 Ion Ratio Lower Upper  
 75 100  
 77 1.1 18.3 54.8#

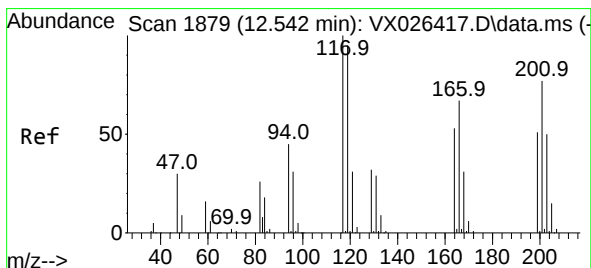
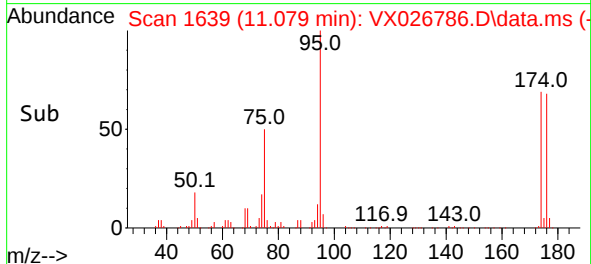
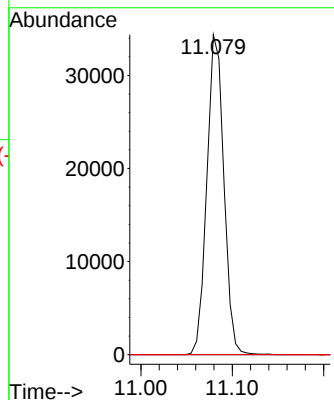
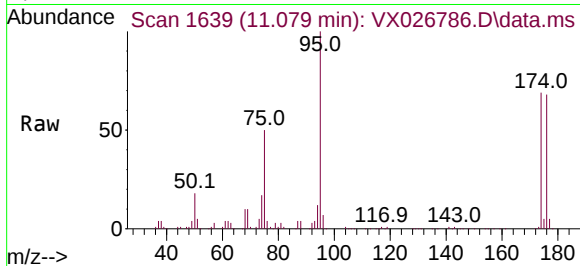




#81  
trans-1,4-Dichloro-2-butene  
Concen: 74.499 ug/l  
RT: 11.079 min Scan# 1  
Delta R.T. 0.061 min  
Lab File: VX026786.D  
Acq: 07 Feb 2022 15:52

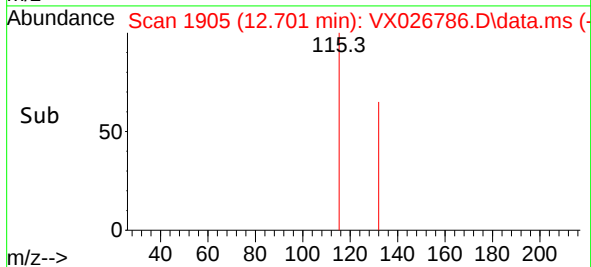
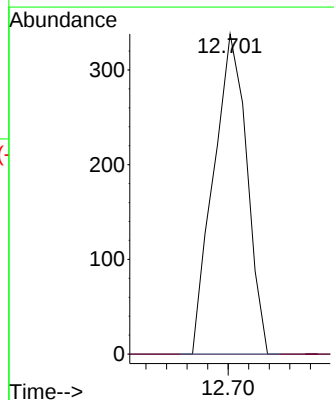
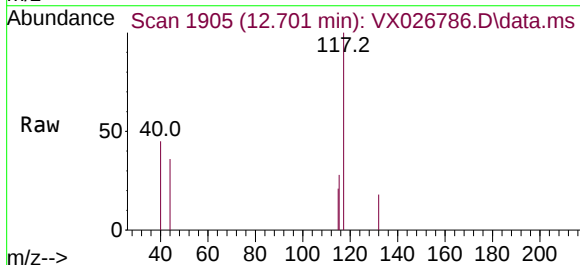
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-11R

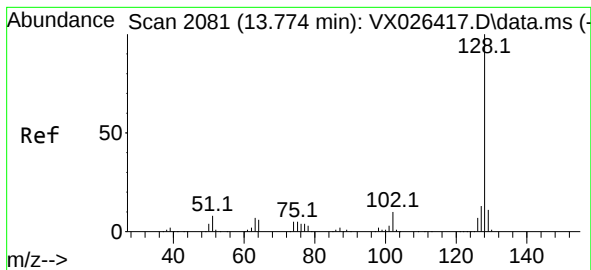
Tgt Ion: 75 Resp: 44254  
Ion Ratio Lower Upper  
75 100  
53 0.0 94.0 141.0#  
89 0.0 37.0 55.4#



#90  
Hexachloroethane  
Concen: 2.565 ug/l  
RT: 12.701 min Scan# 1905  
Delta R.T. 0.159 min  
Lab File: VX026786.D  
Acq: 07 Feb 2022 15:52

Tgt Ion: 117 Resp: 380  
Ion Ratio Lower Upper  
117 100  
201 0.0 35.6 106.8#





#95

Naphthalene

Concen: 1.226 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX026786.D

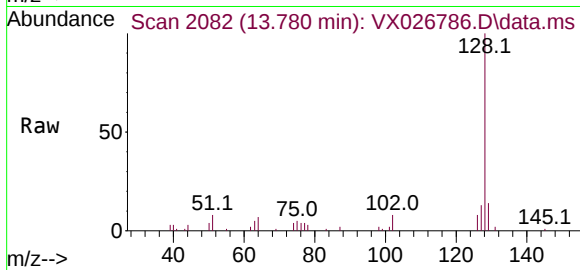
Acq: 07 Feb 2022 15:52

Instrument :

MSVOA\_X

ClientSampleId :

MW-11R



Tgt Ion:128 Resp: 7164

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 13.5 8.7 13.1#

