

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX051424\  
 Data File : VX041516.D  
 Acq On : 14 May 2024 13:39  
 Operator : JC/MD  
 Sample : P2468-04  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WC-MH-II

Quant Time: May 15 00:59:32 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X043024W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 08 06:03:16 2024  
 Response via : Initial Calibration

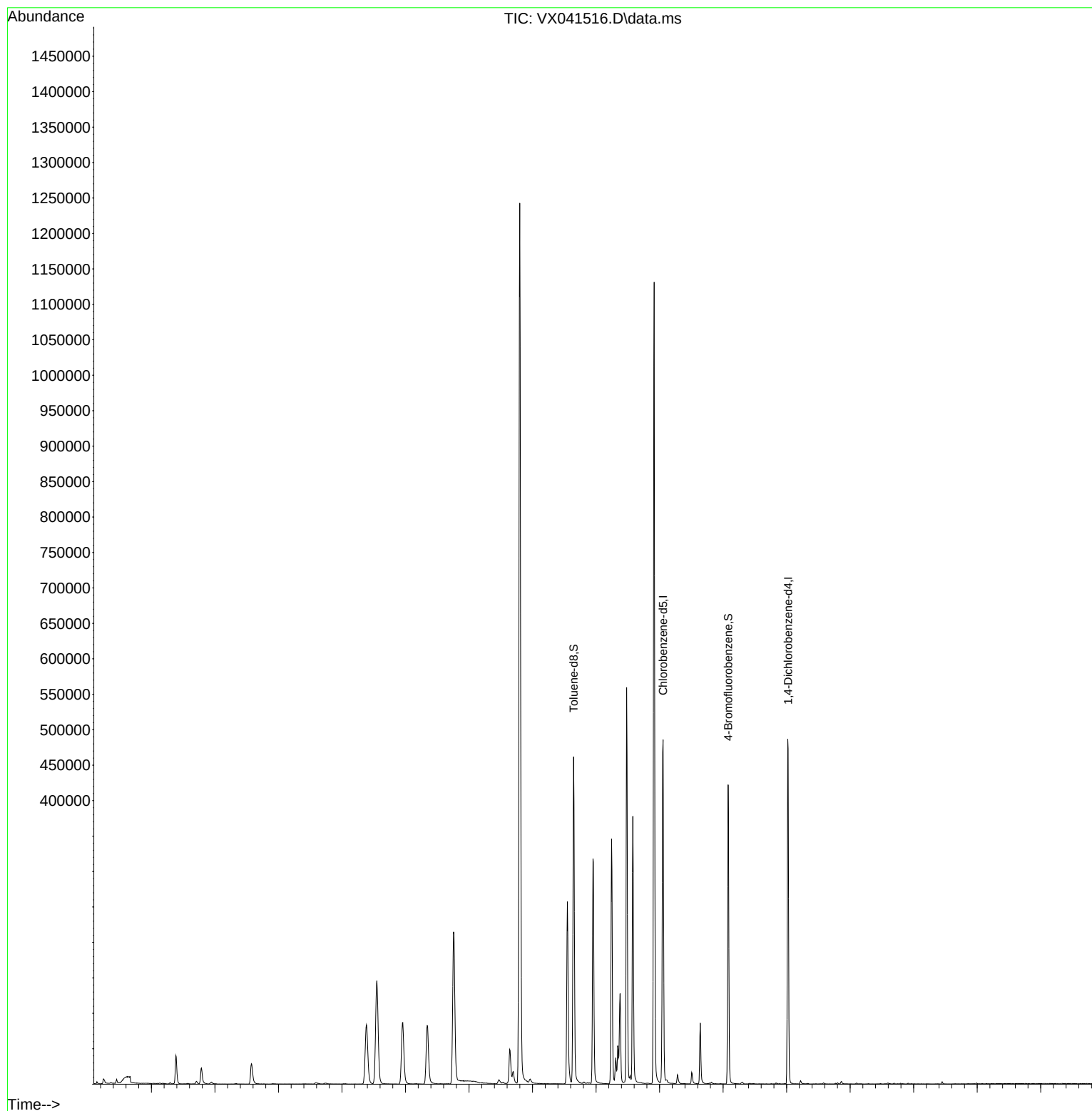
| Compound                    | R.T. QIon |       | Response | Conc     | Units | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|-------|----------|
| -----                       |           |       |          |          |       |          |
| Internal Standards          |           |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.550     | 168   | 154894   | 50.000   | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene     | 6.763     | 114   | 231996   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055    | 117   | 228261   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024    | 152   | 113604   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |           |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.952     | 65    | 88152    | 52.277   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 78 - 117 | Recovery | =     | 104.560% |
| 35) Dibromofluoromethane    | 5.385     | 113   | 72490    | 46.108   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | =     | 92.220%  |
| 50) Toluene-d8              | 8.647     | 98    | 272316   | 54.725   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 92 - 112 | Recovery | =     | 109.460% |
| 62) 4-Bromofluorobenzene    | 11.079    | 95    | 103225   | 53.588   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 83 - 123 | Recovery | =     | 107.180% |
| Target Compounds            |           |       |          |          |       |          |
|                             |           |       |          |          |       | Qvalue   |
| 16) Acetone                 | 2.386     | 43    | 44716    | 57.202   | ug/l  | 96       |
| 18) Methyl Acetate          | 2.709     | 43    | 5062     | 2.934    | ug/l  | 96       |
| 20) Methylene Chloride      | 2.788     | 84    | 12176    | 8.318    | ug/l  | 94       |
| 43) Isopropyl Acetate       | 6.342     | 43    | 120689   | 34.220   | ug/l  | 99       |
| -----                       |           |       |          |          |       |          |

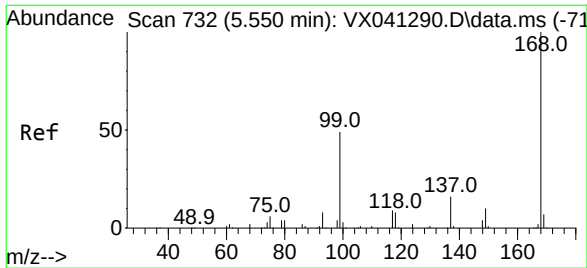
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-MH-II

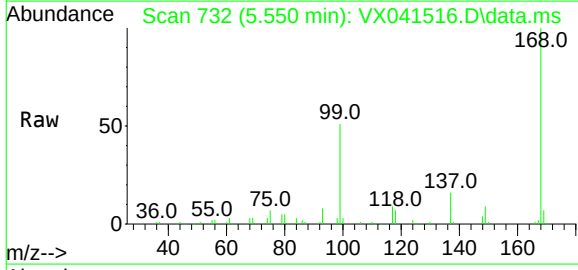
Quant Time: May 15 00:59:32 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X043024W.M  
Quant Title : SW846 8260  
QLast Update : Wed May 08 06:03:16 2024  
Response via : Initial Calibration



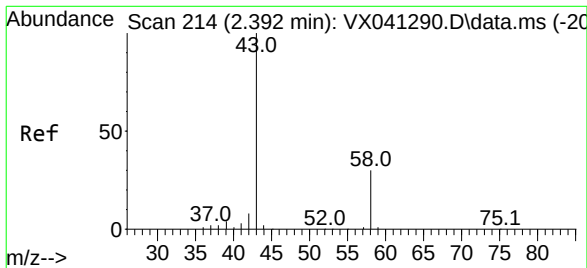
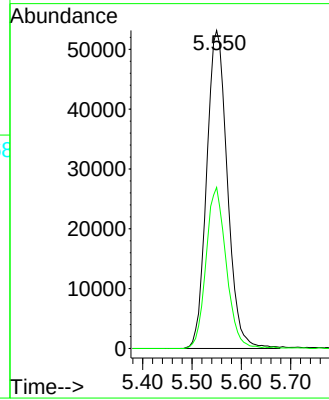
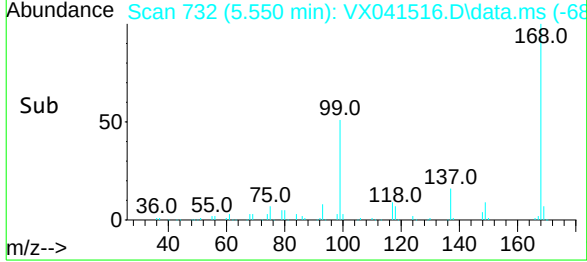


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.000 min  
Lab File: VX041516.D  
Acq: 14 May 2024 13:39

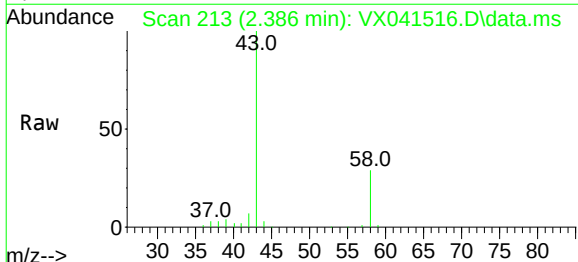
Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-MH-II



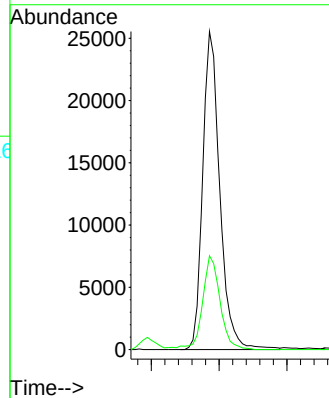
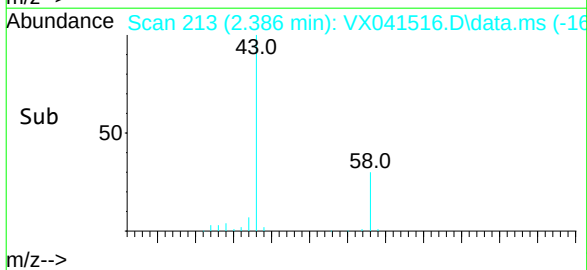
Tgt Ion:168 Resp: 154894  
Ion Ratio Lower Upper  
168 100  
99 50.7 56.6 85.0#

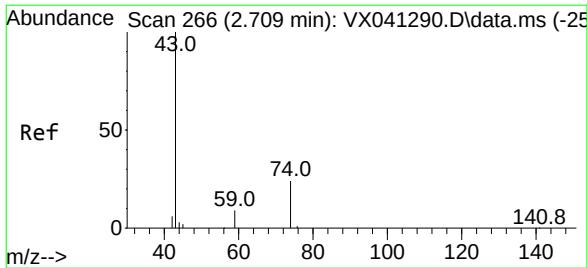


#16  
Acetone  
Concen: 57.202 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX041516.D  
Acq: 14 May 2024 13:39



Tgt Ion: 43 Resp: 44716  
Ion Ratio Lower Upper  
43 100  
58 29.5 21.9 32.9





#18

Methyl Acetate

Concen: 2.934 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX041516.D

Acq: 14 May 2024 13:39

Instrument :

MSVOA\_X

ClientSampleId :

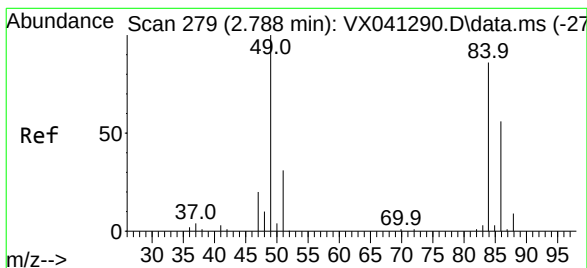
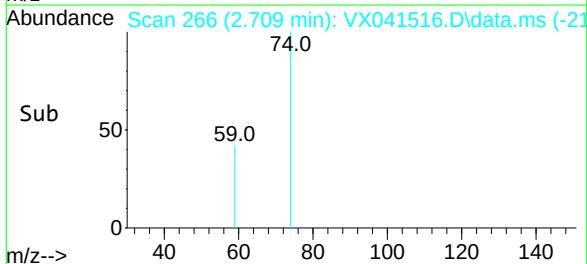
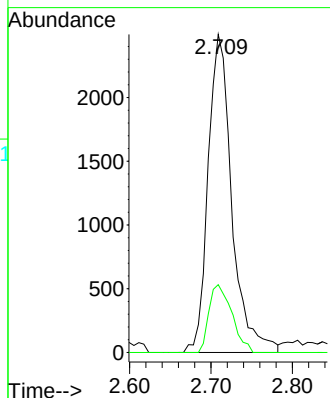
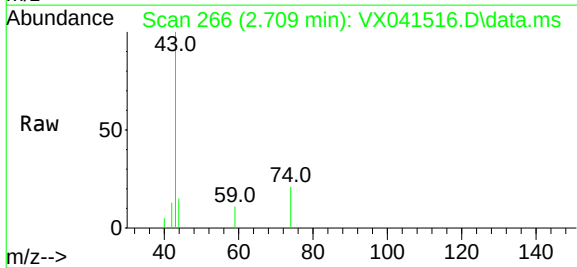
WC-MH-II

Tgt Ion: 43 Resp: 5062

Ion Ratio Lower Upper

43 100

74 20.4 17.8 26.8



#20

Methylene Chloride

Concen: 8.318 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX041516.D

Acq: 14 May 2024 13:39

Tgt Ion: 84 Resp: 12176

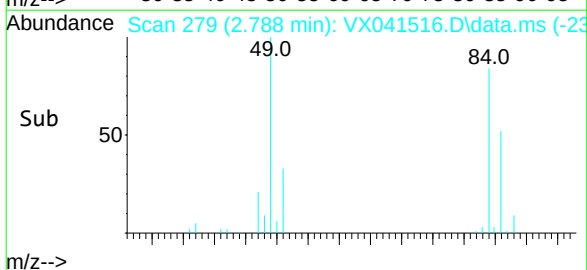
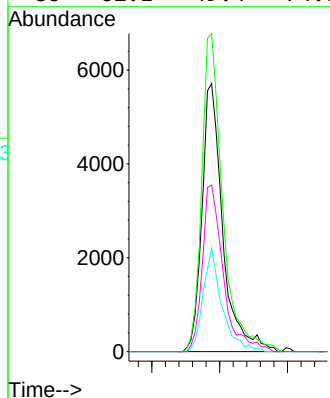
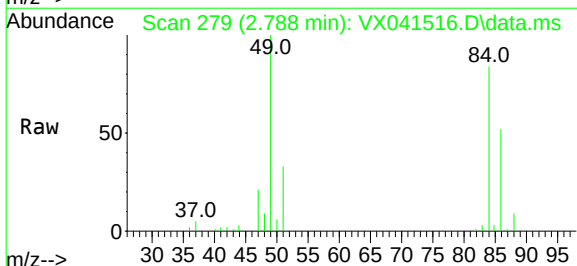
Ion Ratio Lower Upper

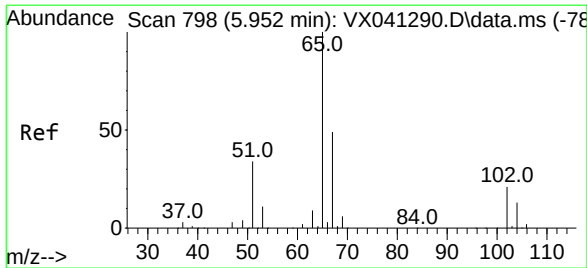
84 100

49 118.6 103.6 155.4

51 38.6 33.8 50.6

86 62.1 49.4 74.0

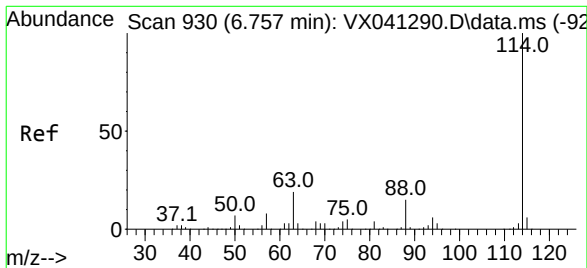
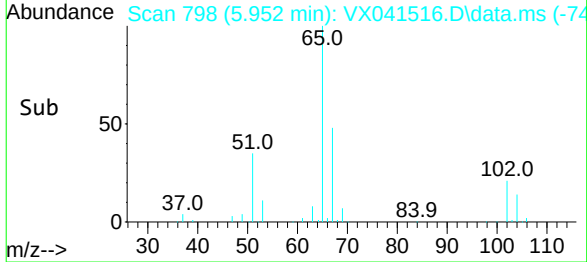
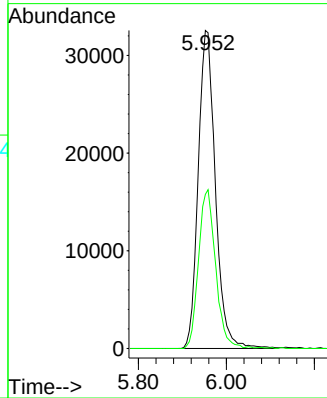
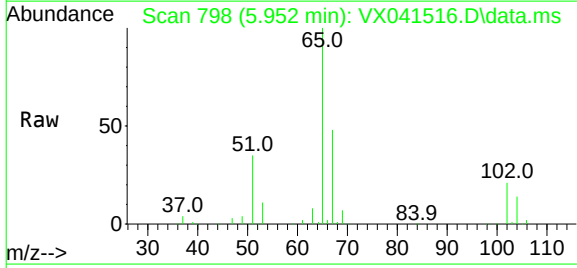




#33  
1,2-Dichloroethane-d4  
Concen: 52.277 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. 0.000 min  
Lab File: VX041516.D  
Acq: 14 May 2024 13:39

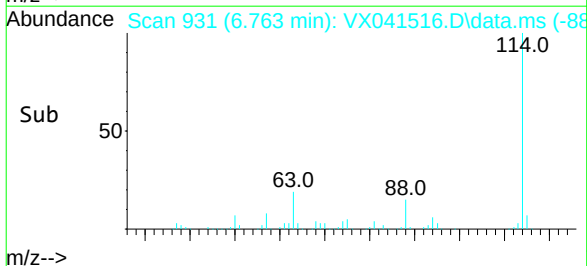
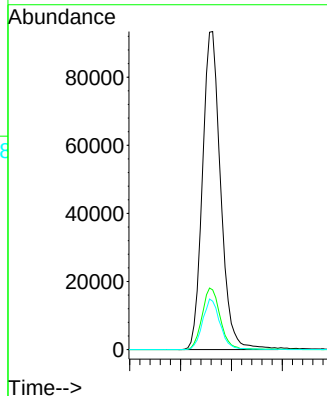
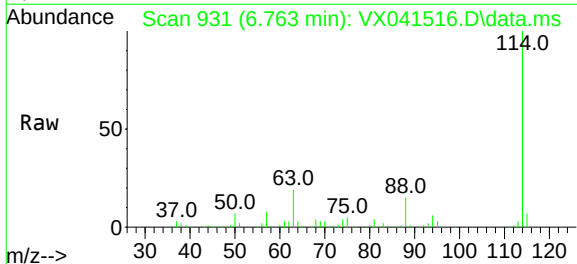
Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-MH-II

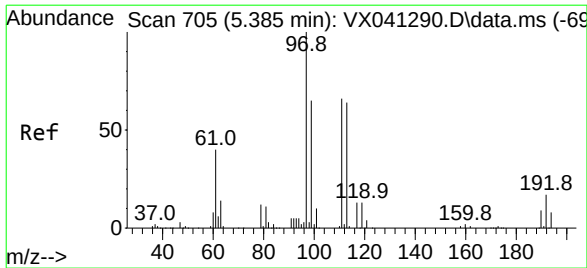
Tgt Ion: 65 Resp: 88152  
Ion Ratio Lower Upper  
65 100  
67 49.5 0.0 100.2



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 931  
Delta R.T. 0.006 min  
Lab File: VX041516.D  
Acq: 14 May 2024 13:39

Tgt Ion: 114 Resp: 231996  
Ion Ratio Lower Upper  
114 100  
63 18.8 0.0 45.0  
88 15.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.108 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX041516.D

Acq: 14 May 2024 13:39

Instrument :

MSVOA\_X

ClientSampleId :

WC-MH-II

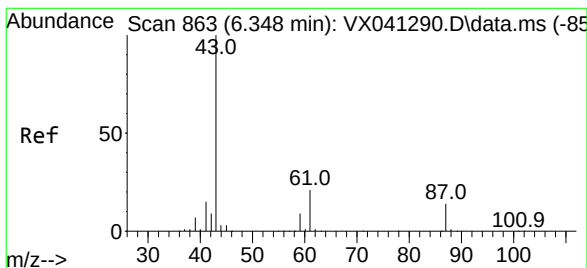
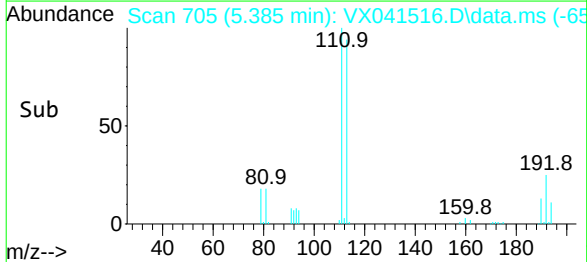
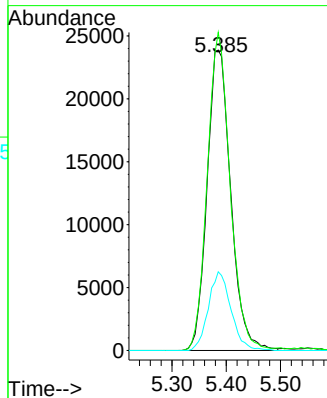
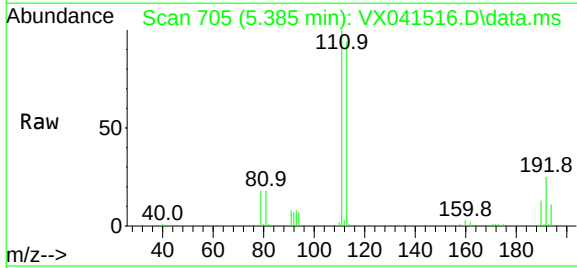
Tgt Ion:113 Resp: 72490

Ion Ratio Lower Upper

113 100

111 101.9 82.9 124.3

192 25.0 13.3 19.9#



#43

Isopropyl Acetate

Concen: 34.220 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.006 min

Lab File: VX041516.D

Acq: 14 May 2024 13:39

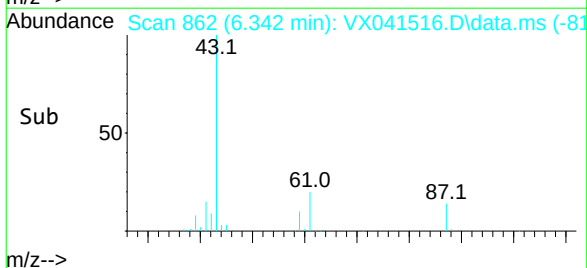
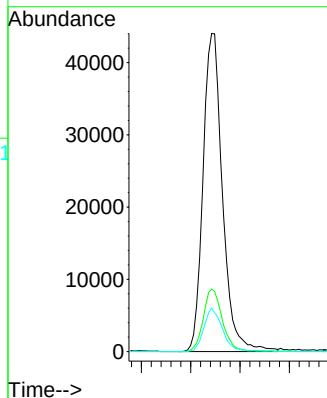
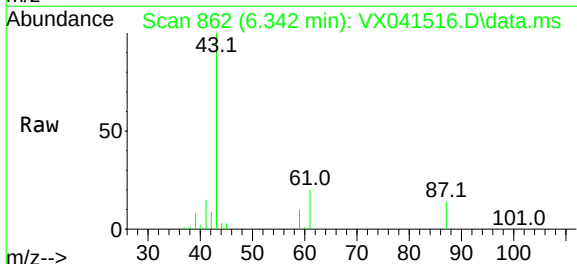
Tgt Ion: 43 Resp: 120689

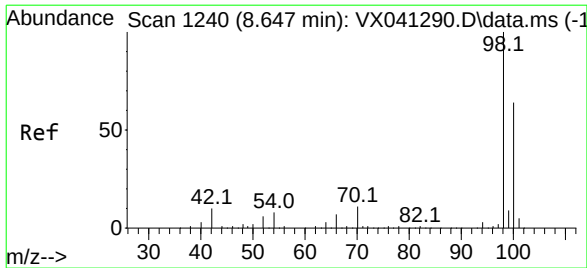
Ion Ratio Lower Upper

43 100

61 19.4 15.2 22.8

87 13.0 9.8 14.6

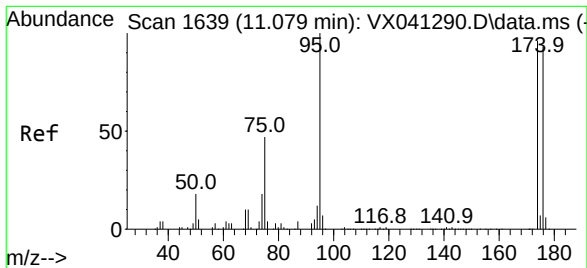
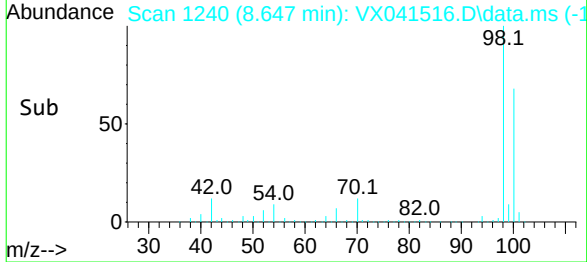
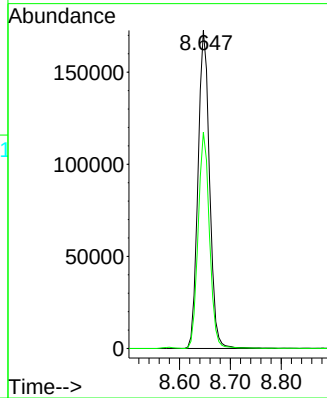
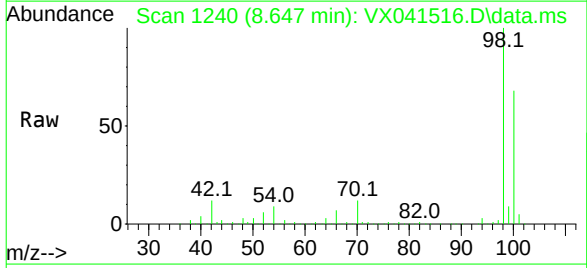




#50  
Toluene-d8  
Concen: 54.725 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX041516.D  
Acq: 14 May 2024 13:39

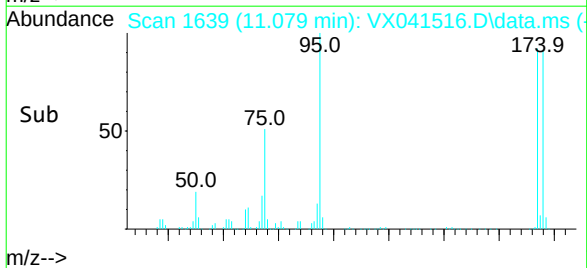
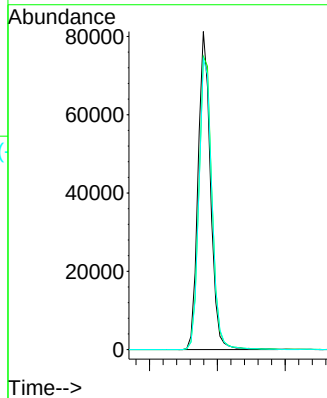
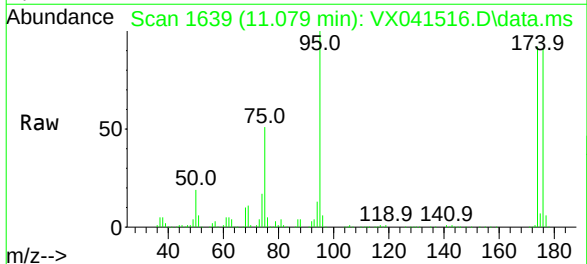
Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-MH-II

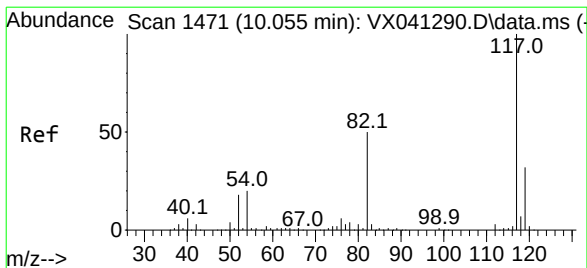
Tgt Ion: 98 Resp: 272316  
Ion Ratio Lower Upper  
98 100  
100 66.8 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 53.588 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX041516.D  
Acq: 14 May 2024 13:39

Tgt Ion: 95 Resp: 103225  
Ion Ratio Lower Upper  
95 100  
174 96.9 0.0 135.6  
176 95.6 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX041516.D

Acq: 14 May 2024 13:39

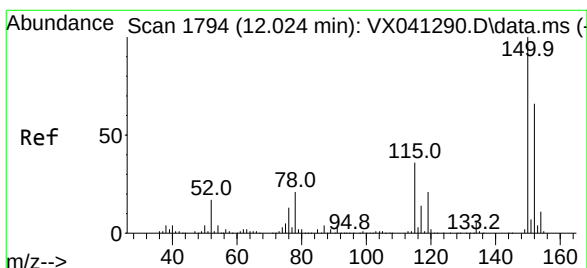
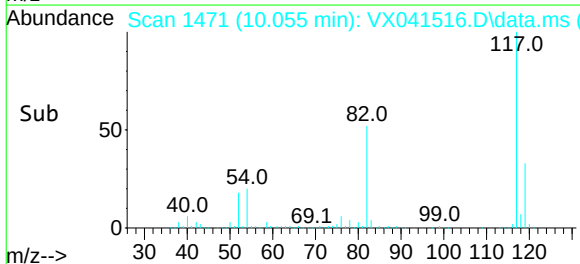
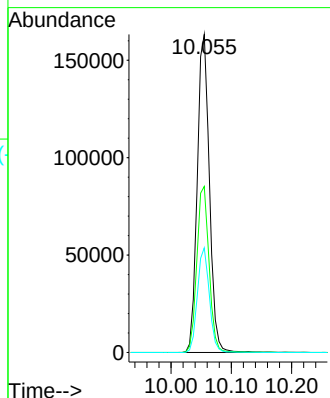
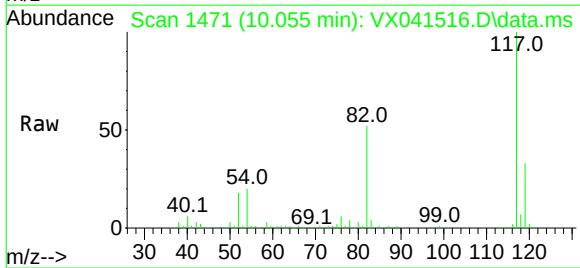
Instrument :

MSVOA\_X

ClientSampleId :

WC-MH-II

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 228261 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 52.2  | 46.2  | 69.4   |
| 119      | 32.9  | 25.5  | 38.3   |



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX041516.D

Acq: 14 May 2024 13:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 152   | Resp: | 113604 |
| Ion      | Ratio | Lower | Upper  |
| 152      | 100   |       |        |
| 115      | 53.8  | 43.3  | 129.9  |
| 150      | 155.4 | 0.0   | 345.0  |

