

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX021723\  
 Data File : VX034169.D  
 Acq On : 17 Feb 2023 19:47  
 Operator : JC/MD  
 Sample : 01581-05  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MH-C

Quant Time: Feb 20 00:37:34 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021723W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 17 12:33:35 2023  
 Response via : Initial Calibration

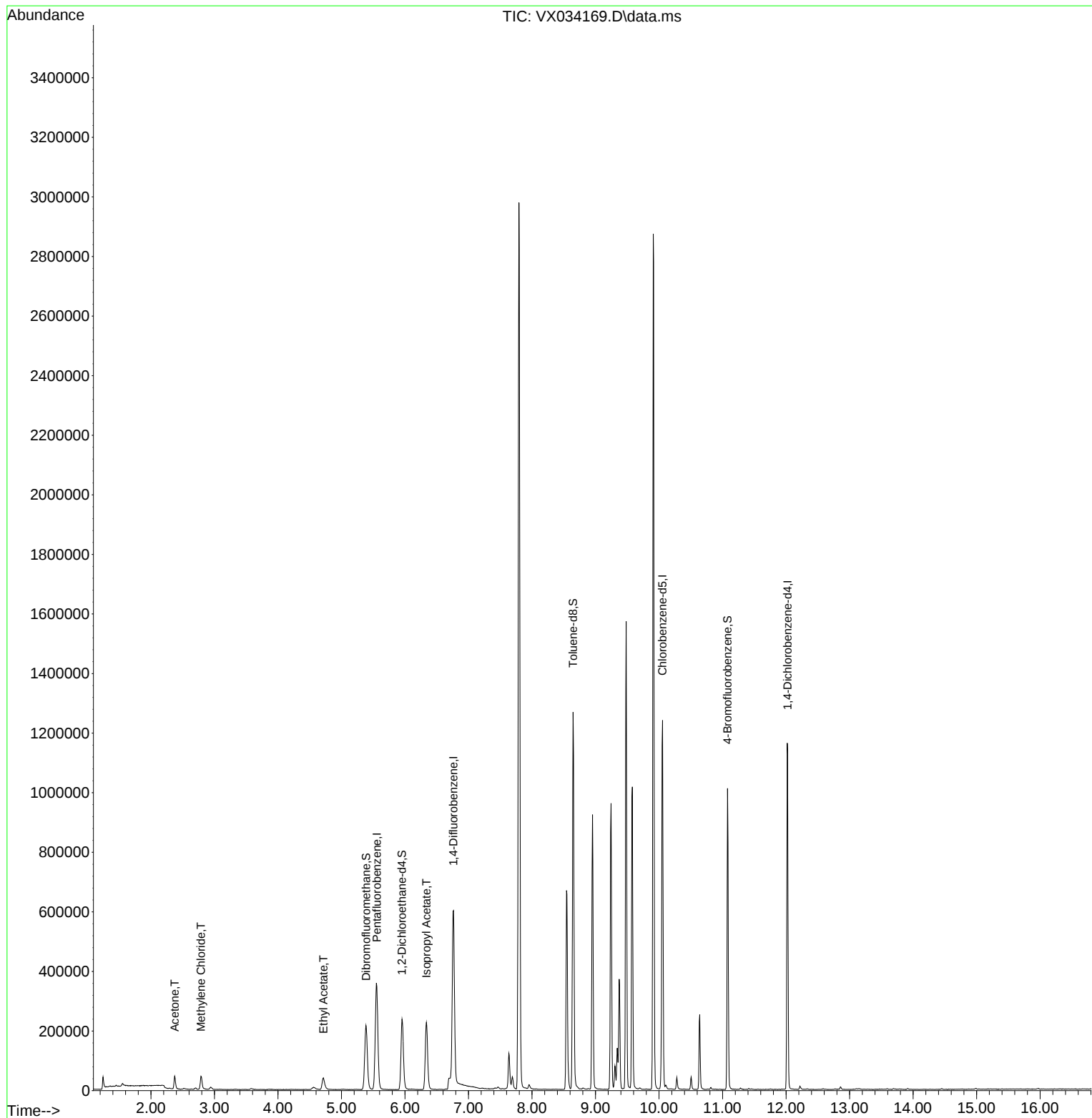
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 364512   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 612893   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 557918   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 249050   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 216876   | 44.178   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 88.360%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 191398   | 47.963   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 95.920%  |
| 50) Toluene-d8              | 8.647  | 98    | 742381   | 51.816   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 103.640% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 267259   | 48.767   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 97.540%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.373  | 43    | 45023    | 17.779   | ug/l   | 91       |
| 20) Methylene Chloride      | 2.788  | 84    | 22844    | 5.007    | ug/l   | 97       |
| 37) Ethyl Acetate           | 4.715  | 43    | 71447    | 10.833   | ug/l   | 98       |
| 43) Isopropyl Acetate       | 6.336  | 43    | 329152   | 28.280   | ug/l   | 99       |
| -----                       |        |       |          |          |        |          |

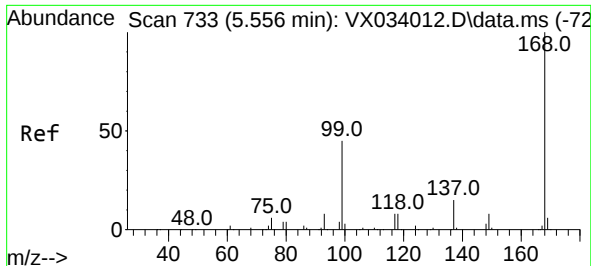
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Fri Feb 17 12:33:35 2023  
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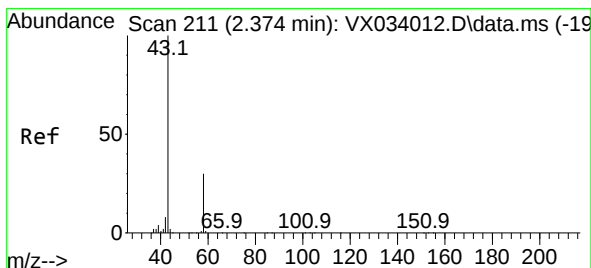
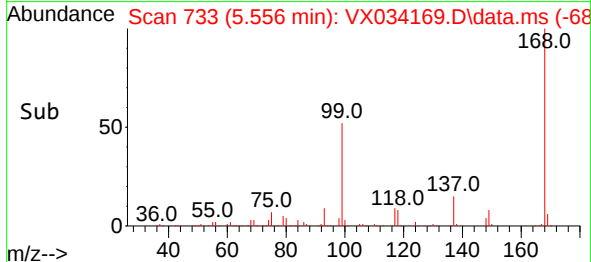
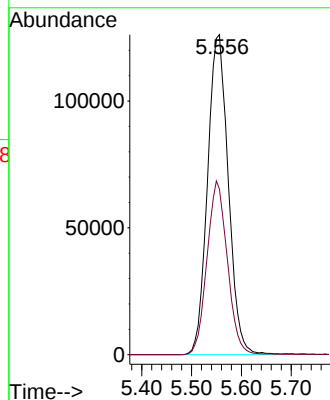
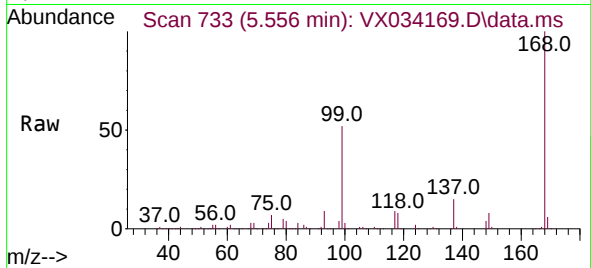




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. 0.006 min  
Lab File: VX034169.D  
Acq: 17 Feb 2023 19:47

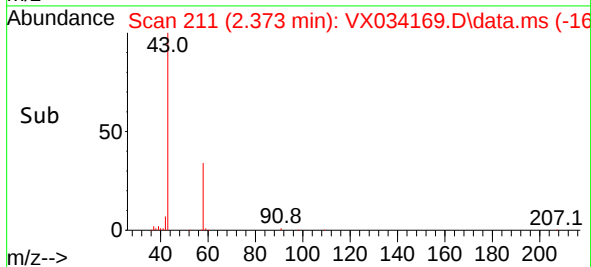
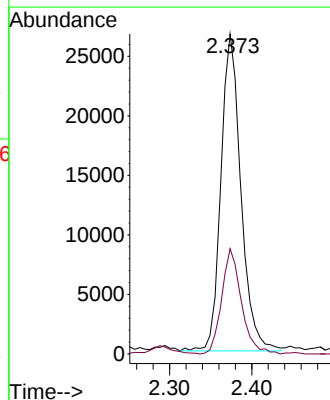
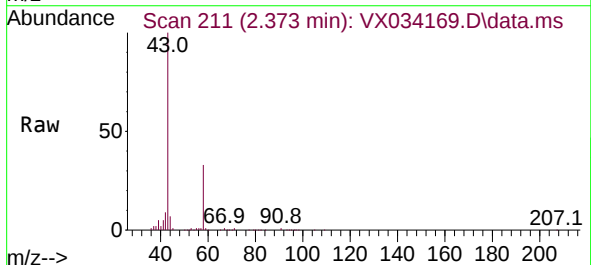
Instrument :  
MSVOA\_X  
ClientSampleId :  
MH-C

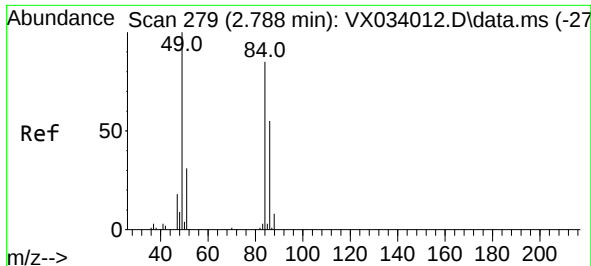
Tgt Ion:168 Resp: 364512  
Ion Ratio Lower Upper  
168 100  
99 51.8 39.6 59.4



#16  
Acetone  
Concen: 17.779 ug/l  
RT: 2.373 min Scan# 211  
Delta R.T. 0.000 min  
Lab File: VX034169.D  
Acq: 17 Feb 2023 19:47

Tgt Ion: 43 Resp: 45023  
Ion Ratio Lower Upper  
43 100  
58 33.2 22.6 33.8

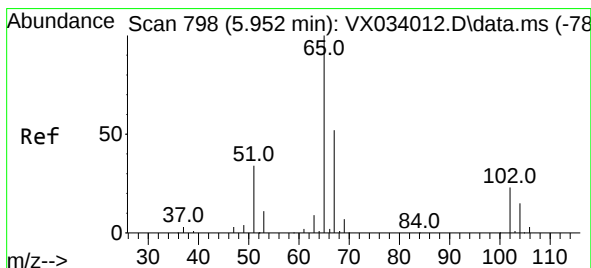
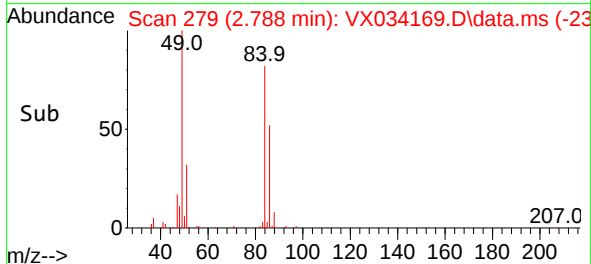
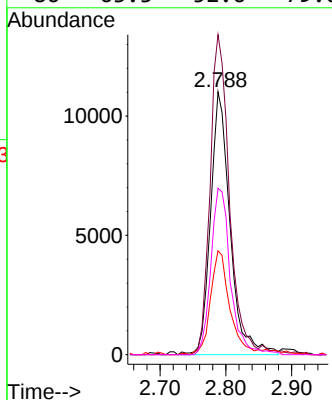
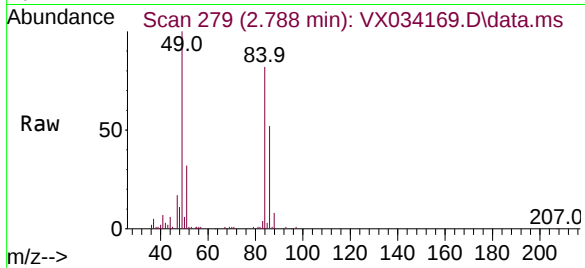




#20  
Methylene Chloride  
Concen: 5.007 ug/l  
RT: 2.788 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX034169.D  
Acq: 17 Feb 2023 19:47

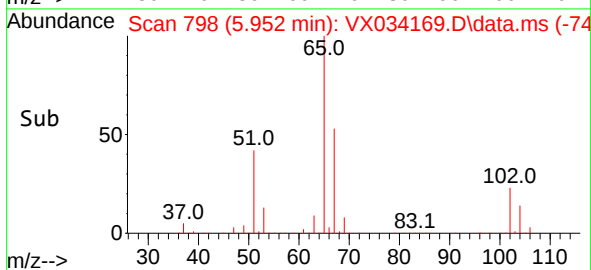
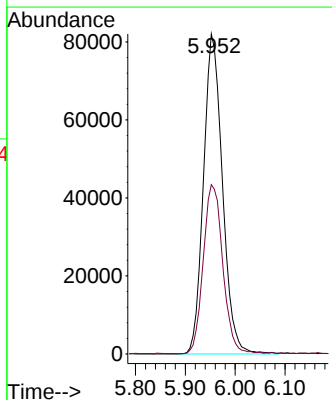
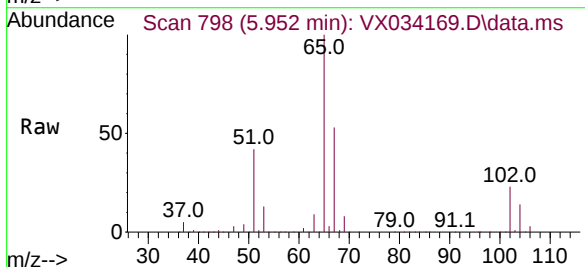
Instrument :  
MSVOA\_X  
ClientSampleId :  
MH-C

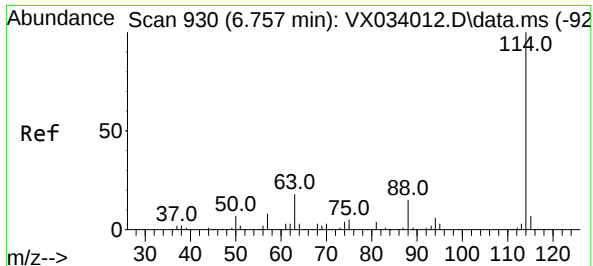
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 22844 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 121.7 | 101.1 | 151.7 |
| 51       | 39.5  | 31.0  | 46.6  |
| 86       | 63.3  | 52.6  | 79.0  |



#33  
1,2-Dichloroethane-d4  
Concen: 44.178 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. 0.000 min  
Lab File: VX034169.D  
Acq: 17 Feb 2023 19:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 216876 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 67       | 54.3  | 0.0   | 104.8  |





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX034169.D

Acq: 17 Feb 2023 19:47

Instrument :

MSVOA\_X

ClientSampleId :

MH-C

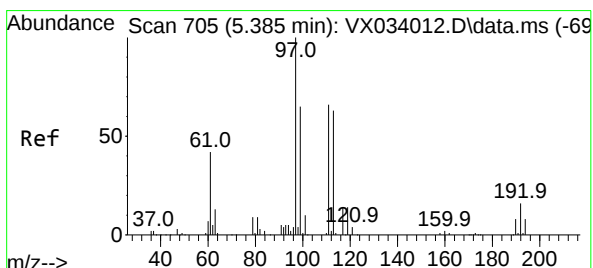
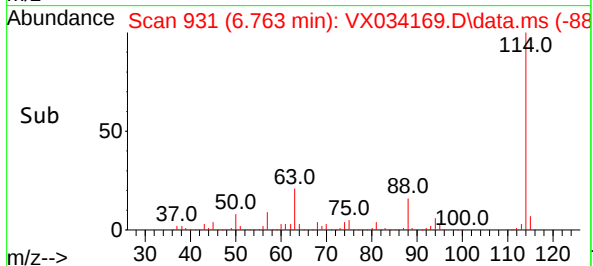
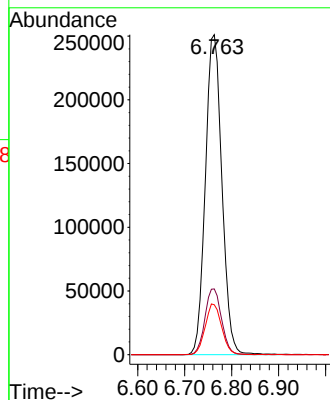
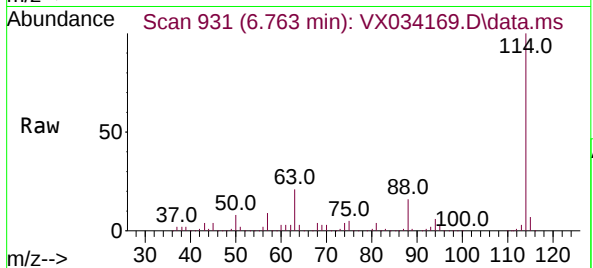
Tgt Ion:114 Resp: 612893

Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.963 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX034169.D

Acq: 17 Feb 2023 19:47

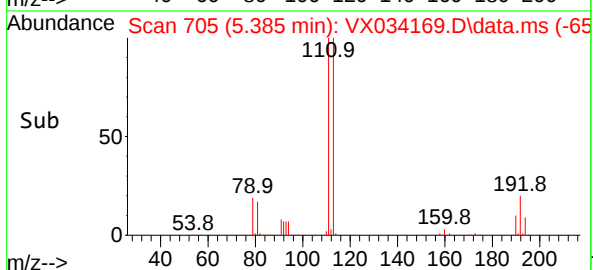
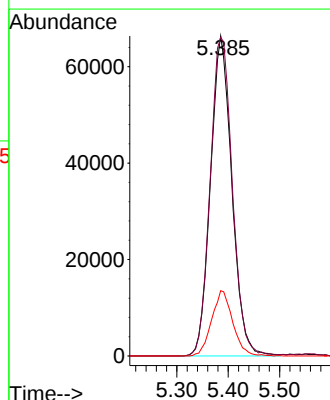
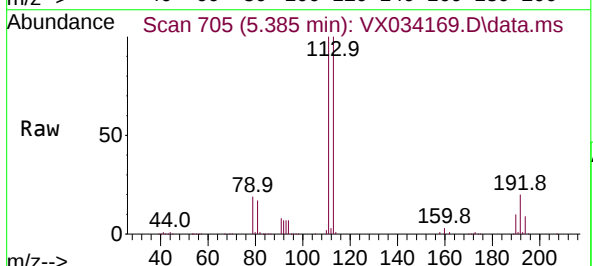
Tgt Ion:113 Resp: 191398

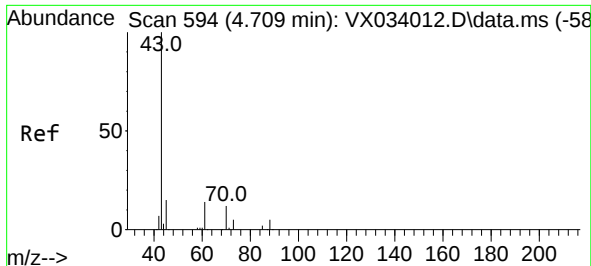
Ion Ratio Lower Upper

113 100

111 103.4 83.0 124.6

192 20.2 19.0 28.4

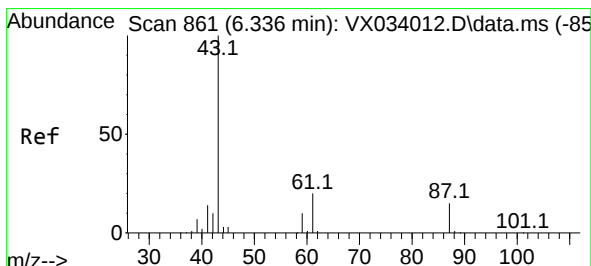
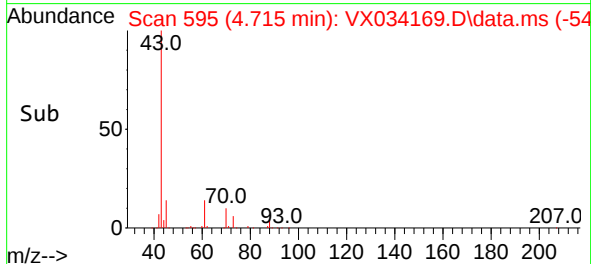
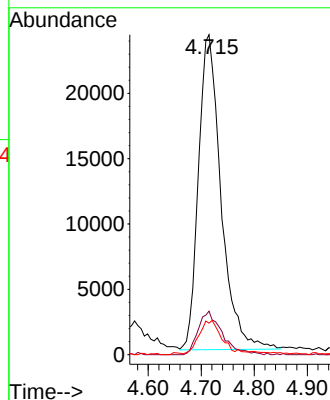
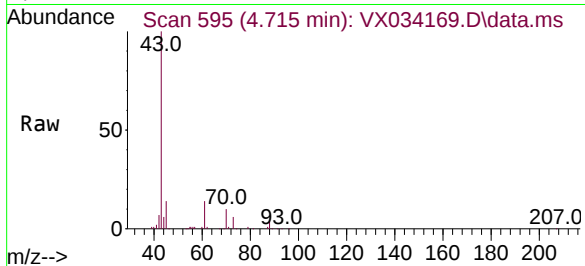




#37  
Ethyl Acetate  
Concen: 10.833 ug/l  
RT: 4.715 min Scan# 594  
Delta R.T. 0.006 min  
Lab File: VX034169.D  
Acq: 17 Feb 2023 19:47

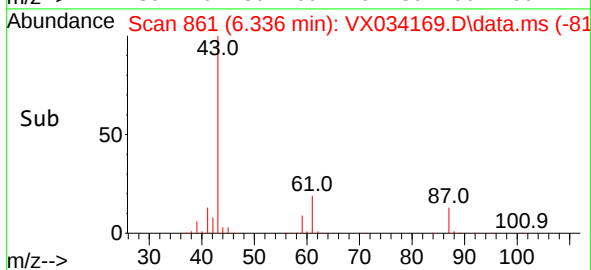
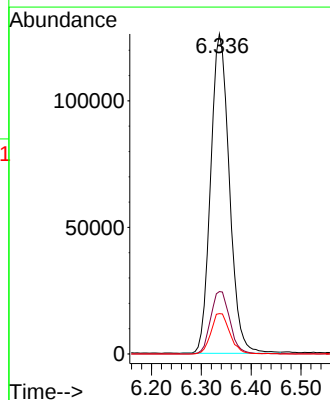
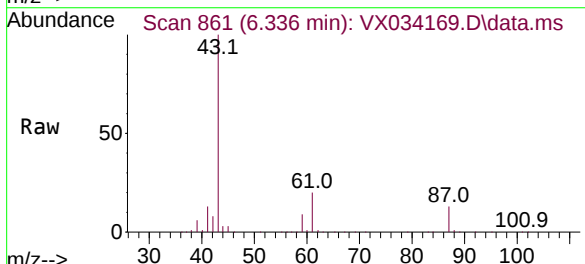
Instrument :  
MSVOA\_X  
ClientSampleId :  
MH-C

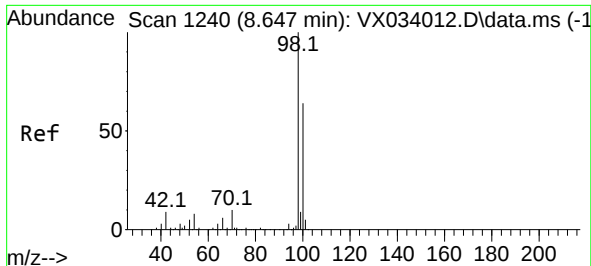
Tgt Ion: 43 Resp: 71447  
Ion Ratio Lower Upper  
43 100  
61 14.5 11.1 16.7  
70 10.0 8.5 12.7



#43  
Isopropyl Acetate  
Concen: 28.280 ug/l  
RT: 6.336 min Scan# 861  
Delta R.T. 0.000 min  
Lab File: VX034169.D  
Acq: 17 Feb 2023 19:47

Tgt Ion: 43 Resp: 329152  
Ion Ratio Lower Upper  
43 100  
61 20.0 15.7 23.5  
87 12.7 10.6 15.8

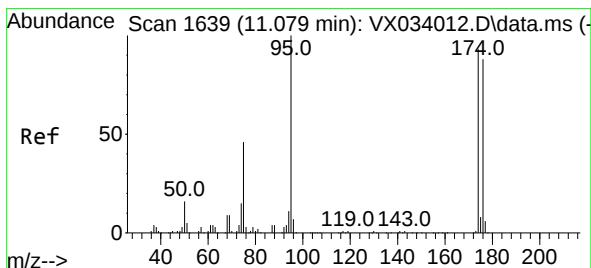
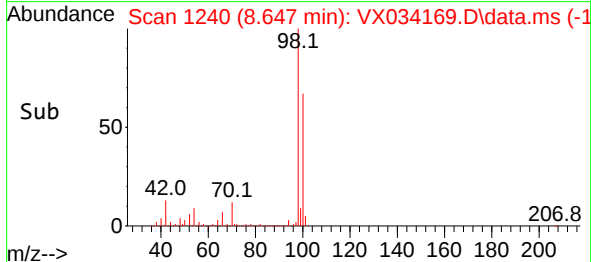
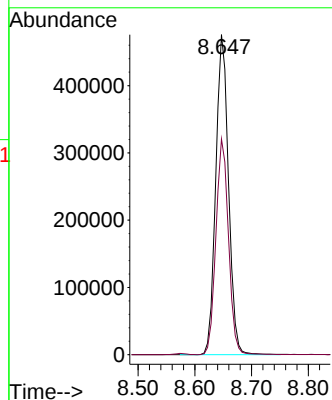
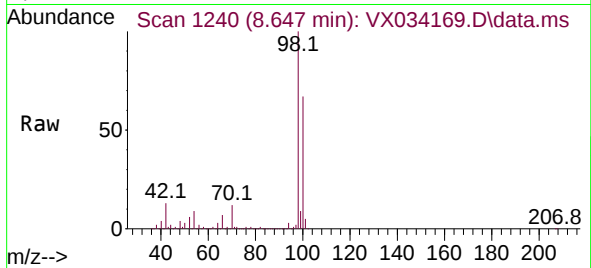




#50  
Toluene-d8  
Concen: 51.816 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX034169.D  
Acq: 17 Feb 2023 19:47

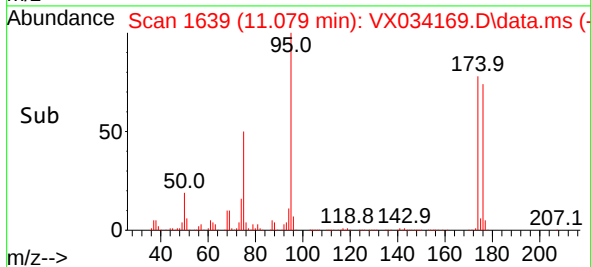
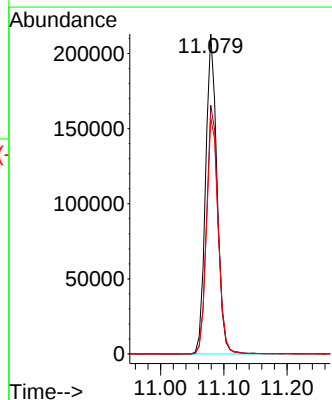
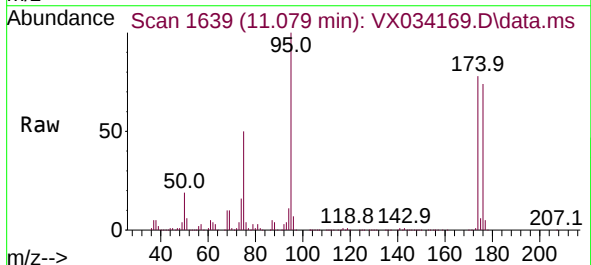
Instrument :  
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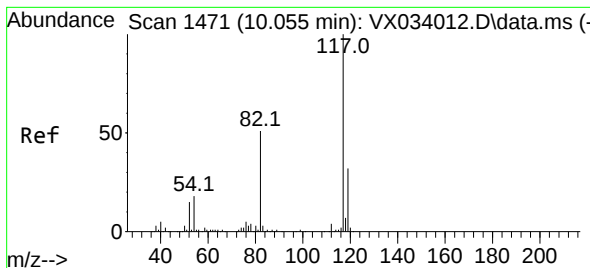
Tgt Ion: 98 Resp: 742381  
Ion Ratio Lower Upper  
98 100  
100 66.6 53.6 80.4



#62  
4-Bromofluorobenzene  
Concen: 48.767 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX034169.D  
Acq: 17 Feb 2023 19:47

Tgt Ion: 95 Resp: 267259  
Ion Ratio Lower Upper  
95 100  
174 78.7 0.0 184.4  
176 75.7 0.0 178.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX034169.D

Acq: 17 Feb 2023 19:47

Instrument :

MSVOA\_X

ClientSampleId :

MH-C

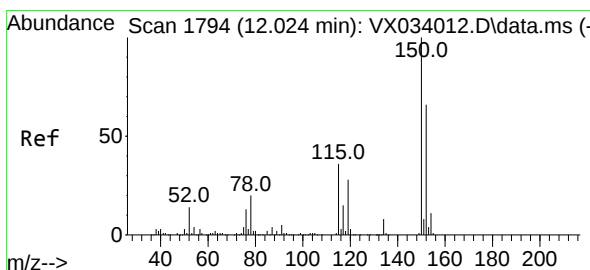
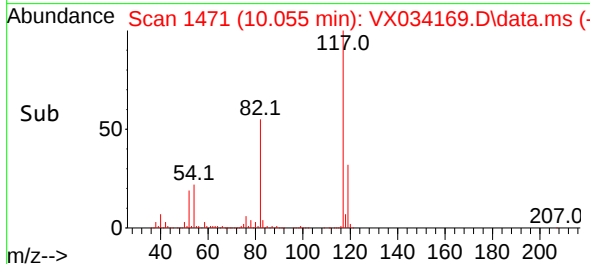
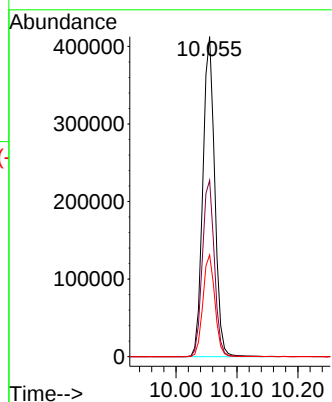
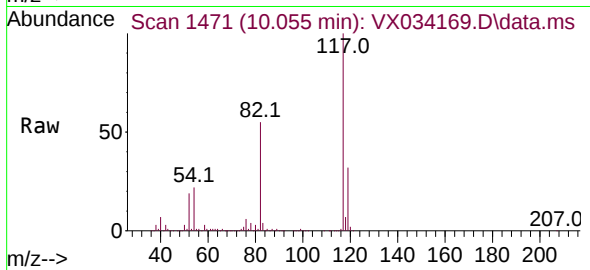
Tgt Ion:117 Resp: 557918

Ion Ratio Lower Upper

117 100

82 55.1 40.6 60.8

119 31.8 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX034169.D

Acq: 17 Feb 2023 19:47

Tgt Ion:152 Resp: 249050

Ion Ratio Lower Upper

152 100

115 58.4 38.7 116.1

150 157.5 0.0 348.2

