

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100423\  
 Data File : VX038069.D  
 Acq On : 04 Oct 2023 16:45  
 Operator : JC/MD  
 Sample : 04656-22  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-1021

Quant Time: Oct 05 01:04:21 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100323W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 04 09:08:35 2023  
 Response via : Initial Calibration

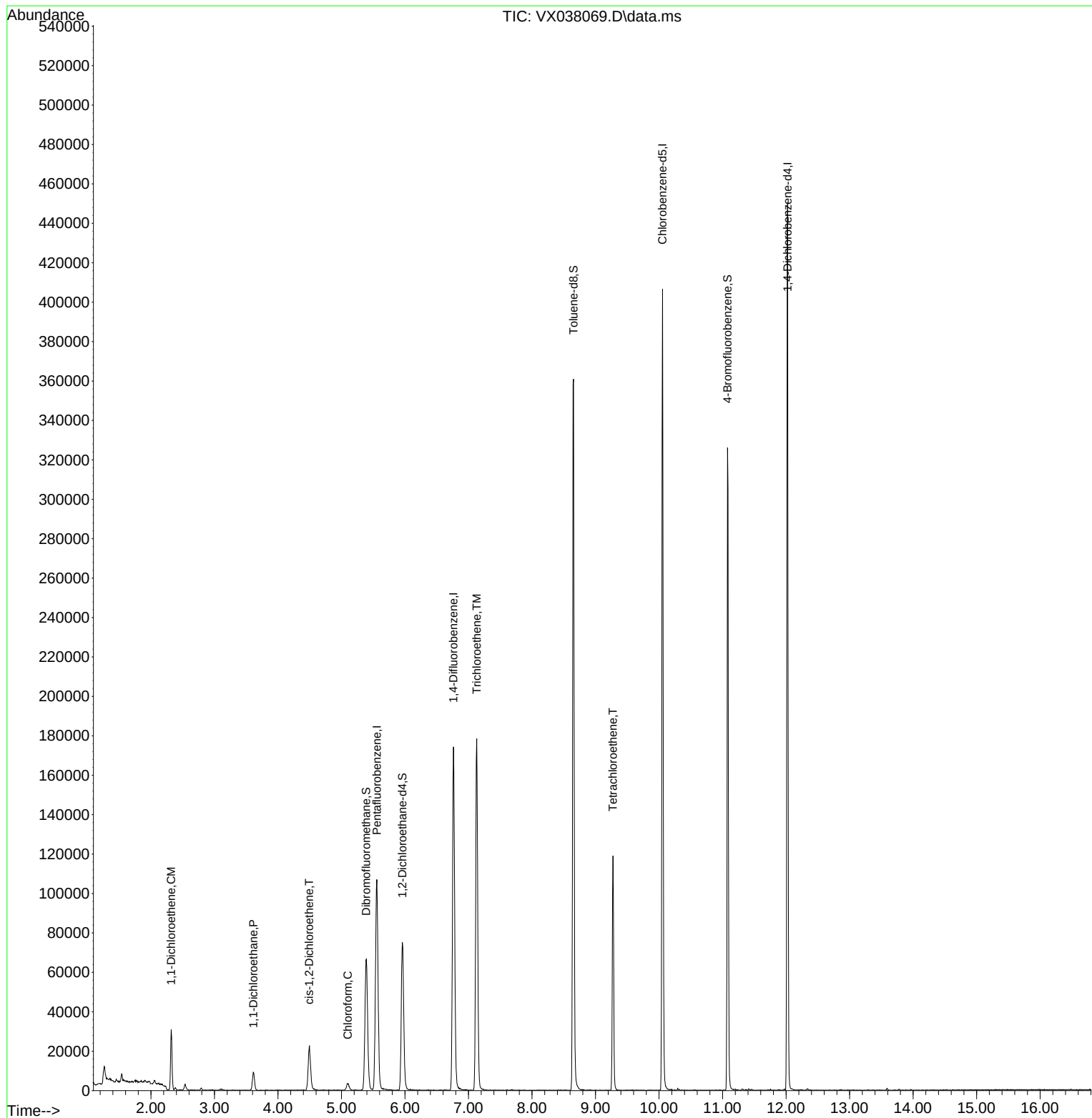
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 97359    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 174495   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 173006   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 90132    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 72659    | 47.964   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 95.920%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 56374    | 47.092   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 94.180%  |
| 50) Toluene-d8              | 8.653  | 98    | 222286   | 48.520   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 97.040%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 81926    | 49.136   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 98.280%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 12) 1,1-Dichloroethene      | 2.319  | 96    | 9628     | 10.445   | ug/l   | 91       |
| 24) 1,1-Dichloroethane      | 3.611  | 63    | 10071    | 4.860    | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene  | 4.489  | 96    | 13508    | 10.460   | ug/l   | 82       |
| 30) Chloroform              | 5.099  | 83    | 4054     | 1.796    | ug/l   | 99       |
| 44) Trichloroethene         | 7.129  | 130   | 65326    | 48.641   | ug/l   | 99       |
| 64) Tetrachloroethene       | 9.275  | 164   | 21141    | 18.366   | ug/l   | 95       |
| -----                       |        |       |          |          |        |          |

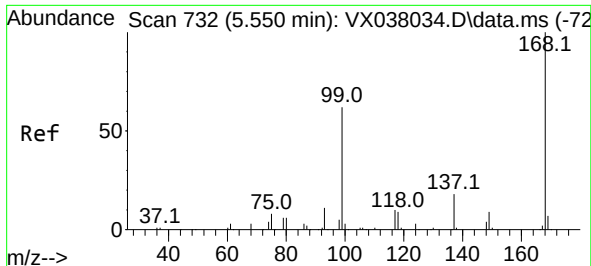
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100423\  
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MW-102I

Quant Time: Oct 05 01:04:21 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100323W.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 04 09:08:35 2023  
Response via : Initial Calibration

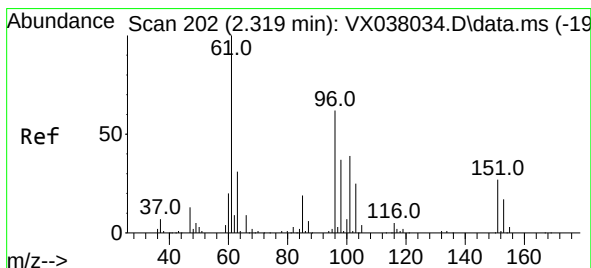
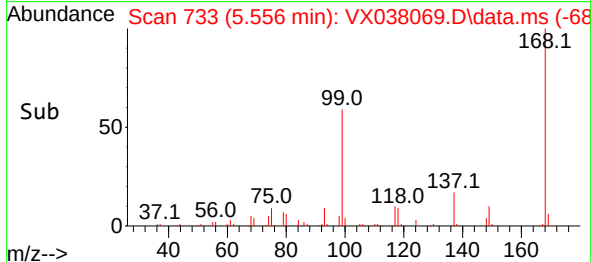
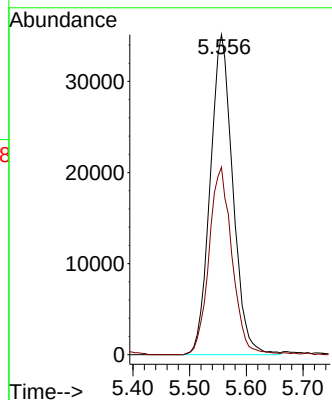
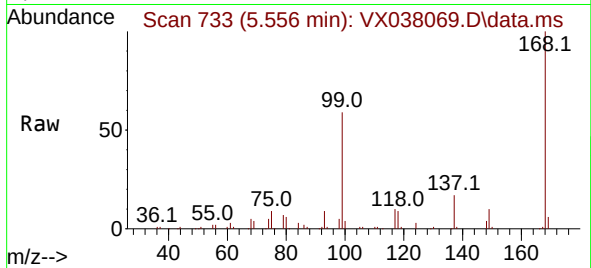




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX038069.D  
Acq: 04 Oct 2023 16:45

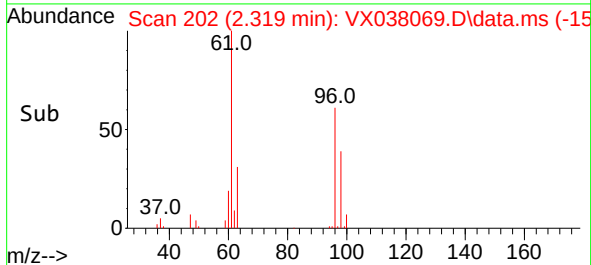
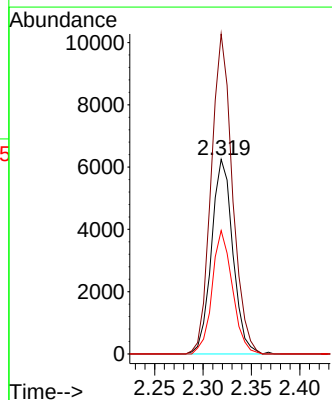
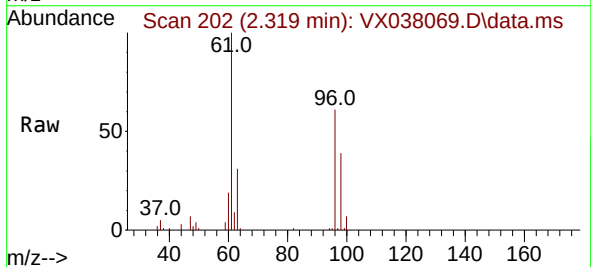
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-102I

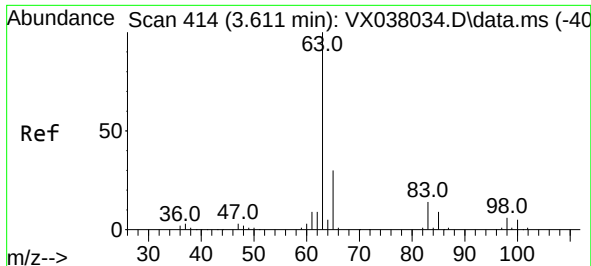
Tgt Ion:168 Resp: 97359  
Ion Ratio Lower Upper  
168 100  
99 58.6 56.6 85.0



#12  
1,1-Dichloroethene  
Concen: 10.445 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. -0.000 min  
Lab File: VX038069.D  
Acq: 04 Oct 2023 16:45

Tgt Ion: 96 Resp: 9628  
Ion Ratio Lower Upper  
96 100  
61 164.5 144.6 216.8  
98 63.4 50.4 75.6

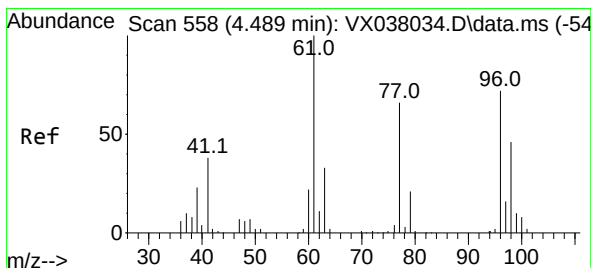
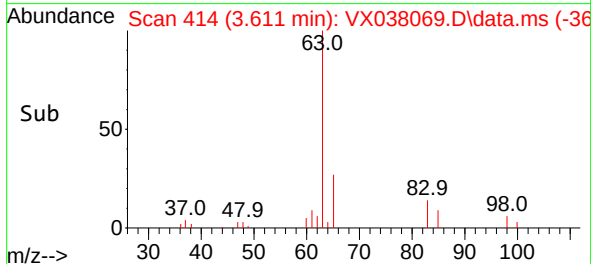
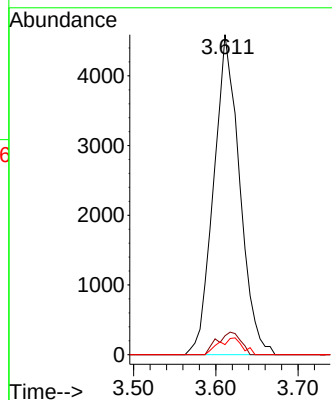
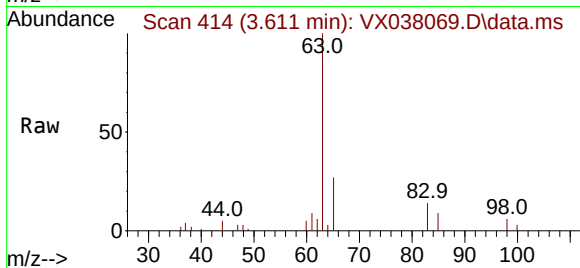




#24  
 1,1-Dichloroethane  
 Concen: 4.860 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. 0.000 min  
 Lab File: VX038069.D  
 Acq: 04 Oct 2023 16:45

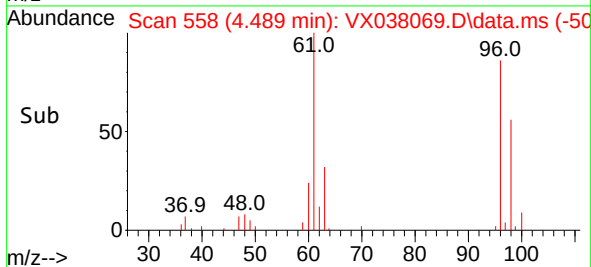
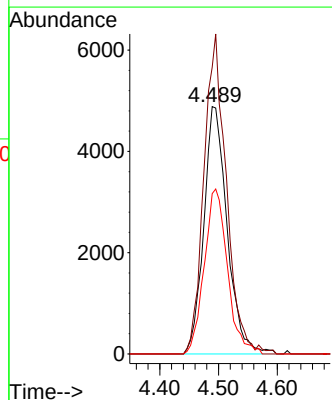
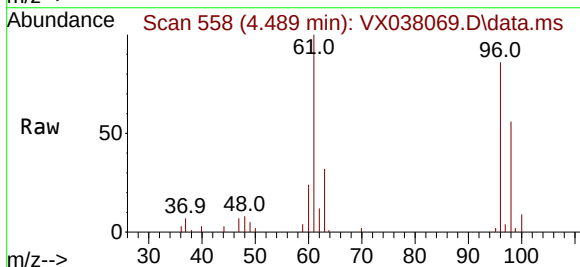
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-102I

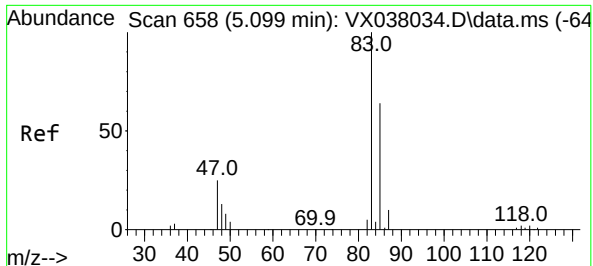
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 63    | Resp: | 10071 |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 98       | 5.9   | 3.3   | 9.8   |
| 100      | 3.1   | 2.1   | 6.5   |



#27  
 cis-1,2-Dichloroethene  
 Concen: 10.460 ug/l  
 RT: 4.489 min Scan# 558  
 Delta R.T. 0.000 min  
 Lab File: VX038069.D  
 Acq: 04 Oct 2023 16:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 13508 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 124.3 | 0.0   | 312.2 |
| 98       | 66.2  | 0.0   | 129.0 |





#30

Chloroform

Concen: 1.796 ug/l

RT: 5.099 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX038069.D

Acq: 04 Oct 2023 16:45

Instrument :

MSVOA\_X

ClientSampleId :

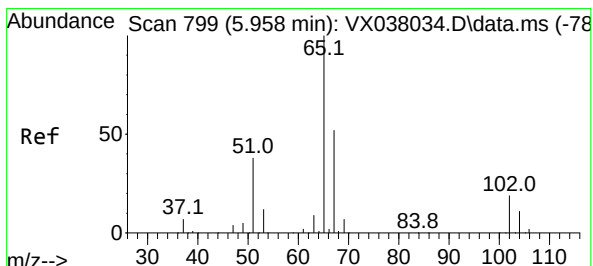
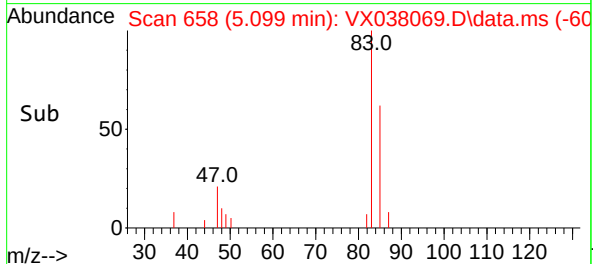
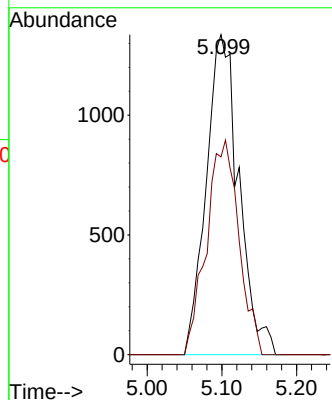
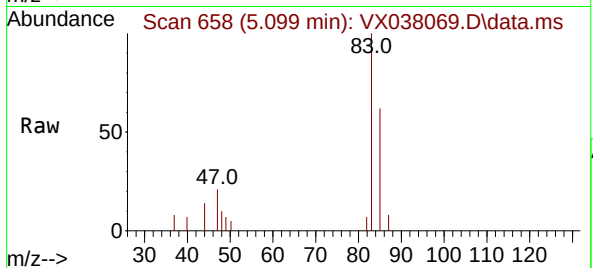
MW-102I

Tgt Ion: 83 Resp: 4054

Ion Ratio Lower Upper

83 100

85 61.8 50.3 75.5



#33

1,2-Dichloroethane-d4

Concen: 47.964 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038069.D

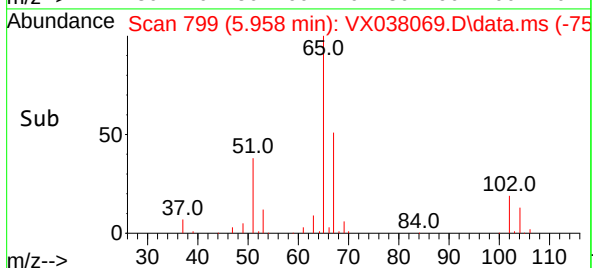
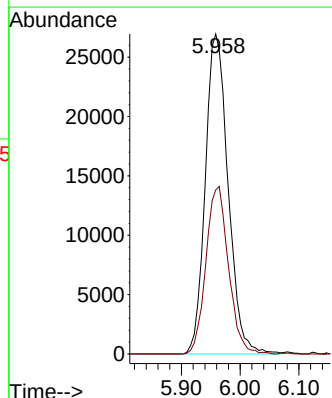
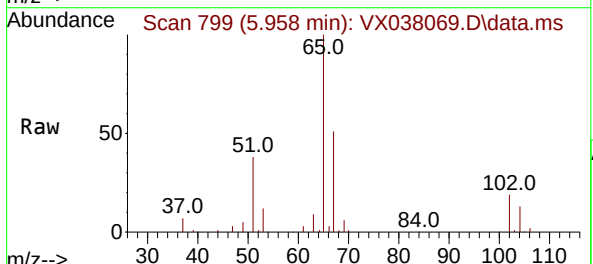
Acq: 04 Oct 2023 16:45

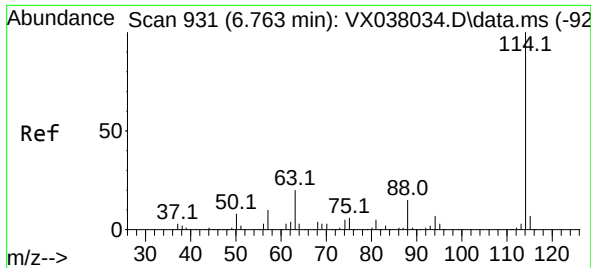
Tgt Ion: 65 Resp: 72659

Ion Ratio Lower Upper

65 100

67 51.8 0.0 100.2

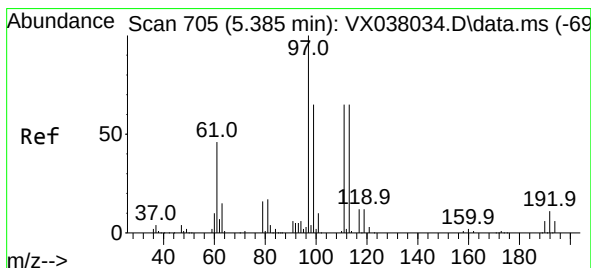
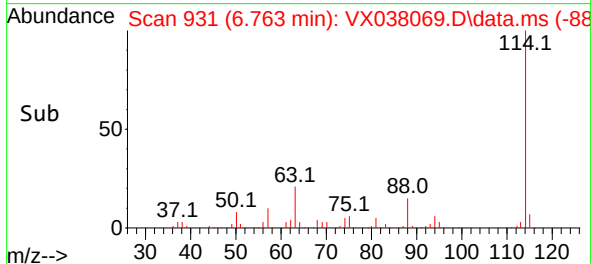
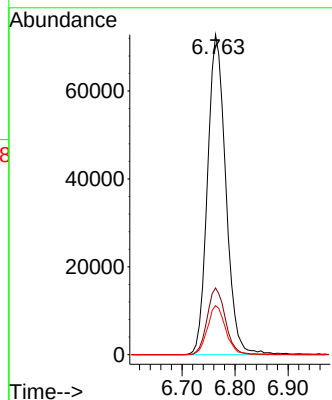
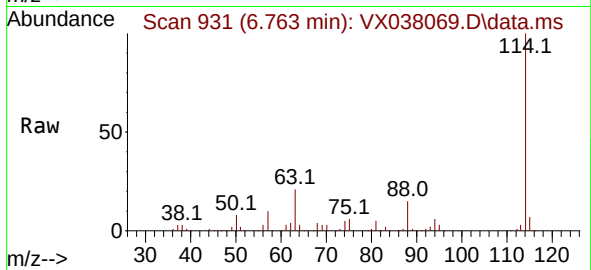




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VX038069.D  
Acq: 04 Oct 2023 16:45

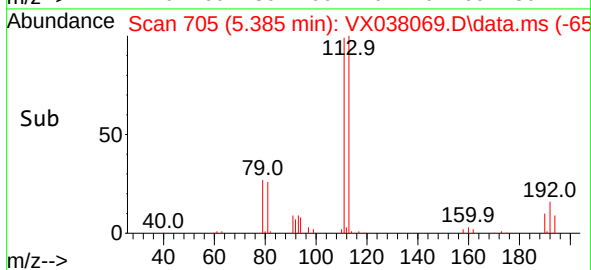
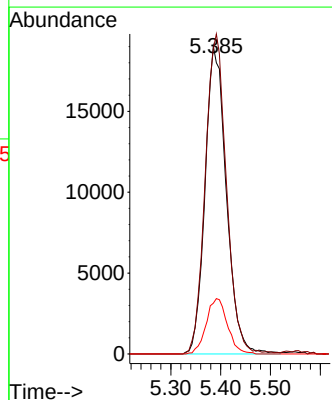
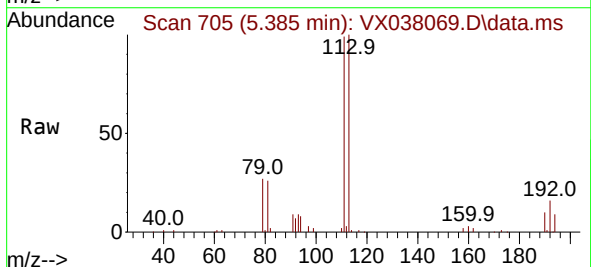
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-102I

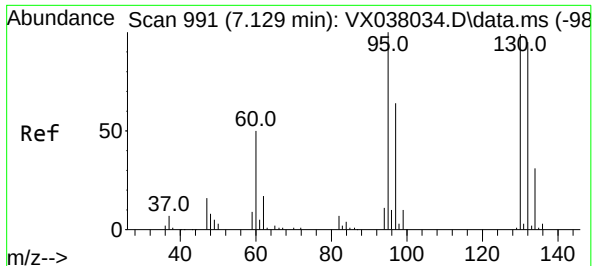
Tgt Ion:114 Resp: 174495  
Ion Ratio Lower Upper  
114 100  
63 20.8 0.0 45.0  
88 15.3 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 47.092 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX038069.D  
Acq: 04 Oct 2023 16:45

Tgt Ion:113 Resp: 56374  
Ion Ratio Lower Upper  
113 100  
111 103.7 82.9 124.3  
192 17.9 13.3 19.9

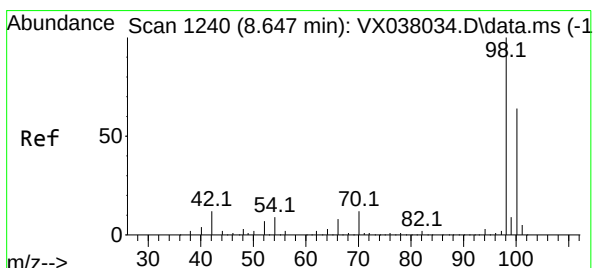
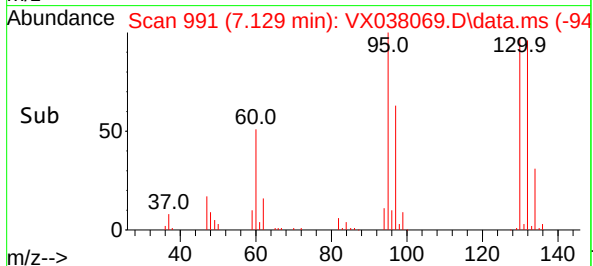
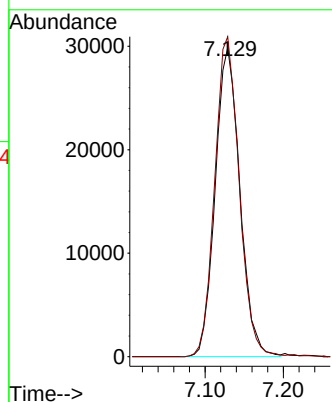
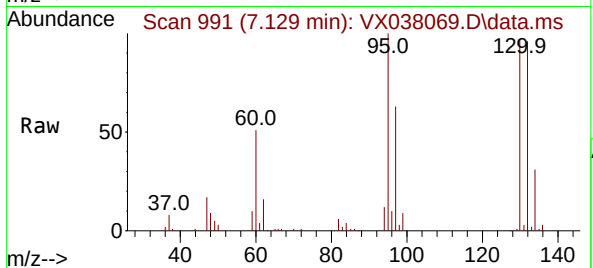




#44  
Trichloroethene  
Concen: 48.641 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. 0.000 min  
Lab File: VX038069.D  
Acq: 04 Oct 2023 16:45

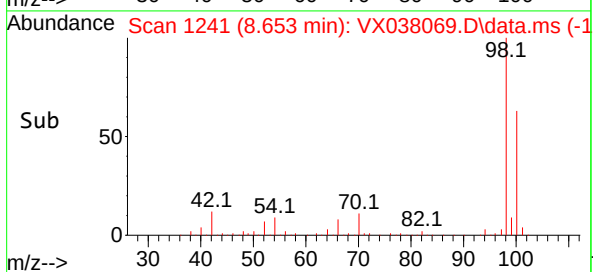
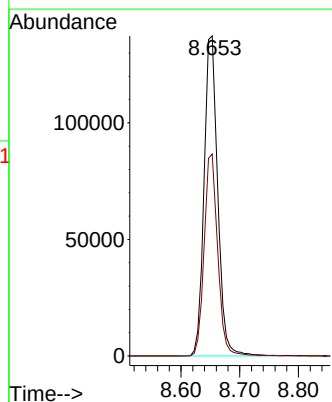
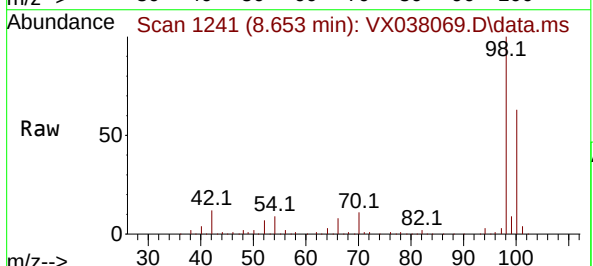
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-102I

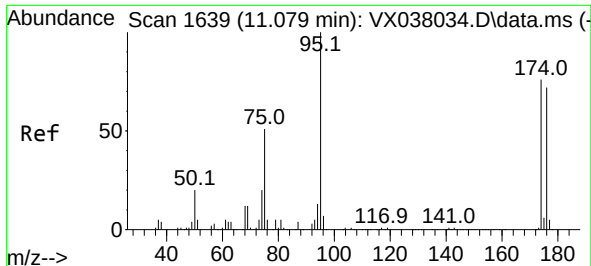
Tgt Ion:130 Resp: 65326  
Ion Ratio Lower Upper  
130 100  
95 103.5 0.0 204.4



#50  
Toluene-d8  
Concen: 48.520 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. 0.006 min  
Lab File: VX038069.D  
Acq: 04 Oct 2023 16:45

Tgt Ion: 98 Resp: 222286  
Ion Ratio Lower Upper  
98 100  
100 62.7 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 49.136 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038069.D

Acq: 04 Oct 2023 16:45

Instrument :

MSVOA\_X

ClientSampleId :

MW-102I

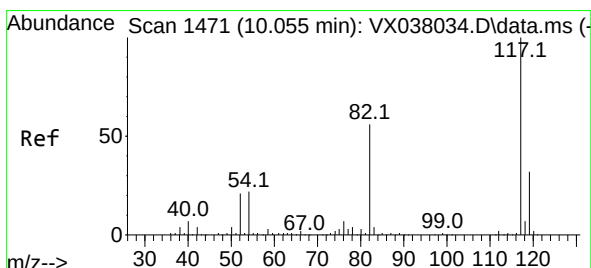
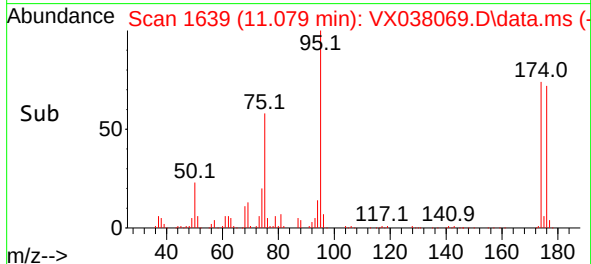
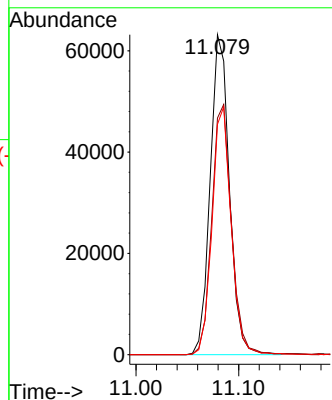
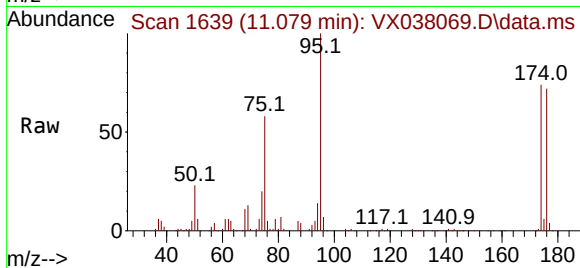
Tgt Ion: 95 Resp: 81926

Ion Ratio Lower Upper

95 100

174 80.2 0.0 135.6

176 76.9 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: VX038069.D

Acq: 04 Oct 2023 16:45

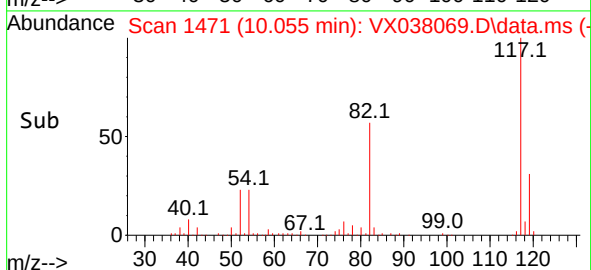
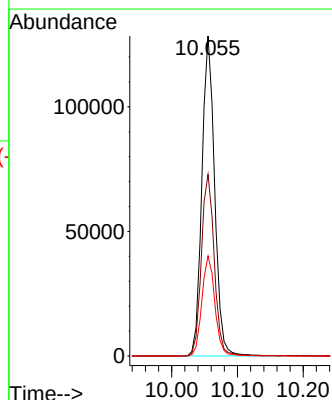
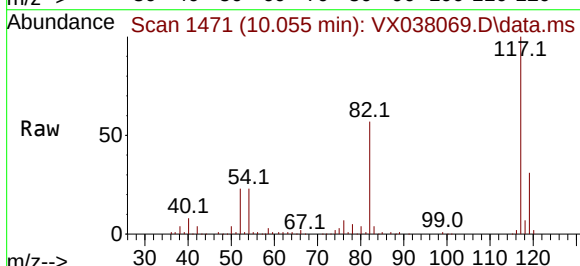
Tgt Ion: 117 Resp: 173006

Ion Ratio Lower Upper

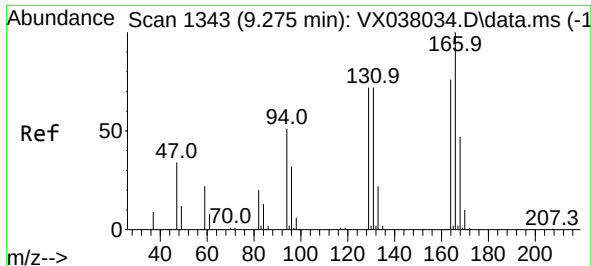
117 100

82 56.7 46.2 69.4

119 31.3 25.5 38.3



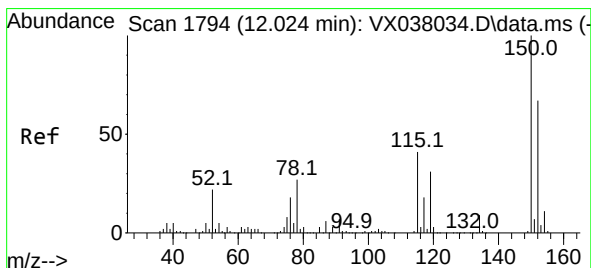
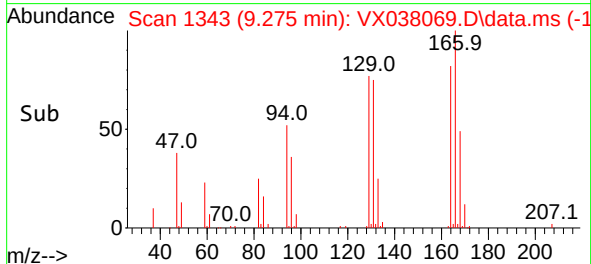
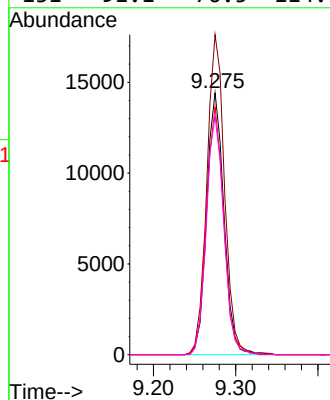
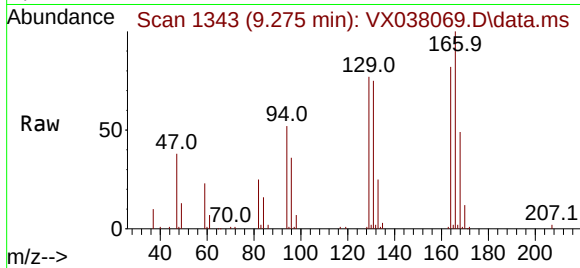




#64  
Tetrachloroethene  
Concen: 18.366 ug/l  
RT: 9.275 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX038069.D  
Acq: 04 Oct 2023 16:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-102I

Tgt Ion:164 Resp: 21141  
Ion Ratio Lower Upper  
164 100  
166 122.2 102.7 154.1  
129 94.6 80.4 120.6  
131 91.1 76.5 114.7



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX038069.D  
Acq: 04 Oct 2023 16:45

Tgt Ion:152 Resp: 90132  
Ion Ratio Lower Upper  
152 100  
115 60.4 43.3 129.9  
150 155.8 0.0 345.0

