

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX1112123\  
 Data File : VX038993.D  
 Acq On : 21 Nov 2023 18:30  
 Operator : JC/MD  
 Sample : 05405-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RW10-MW01S-20231113

Quant Time: Nov 22 03:24:16 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X111623W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 16 22:59:22 2023  
 Response via : Initial Calibration

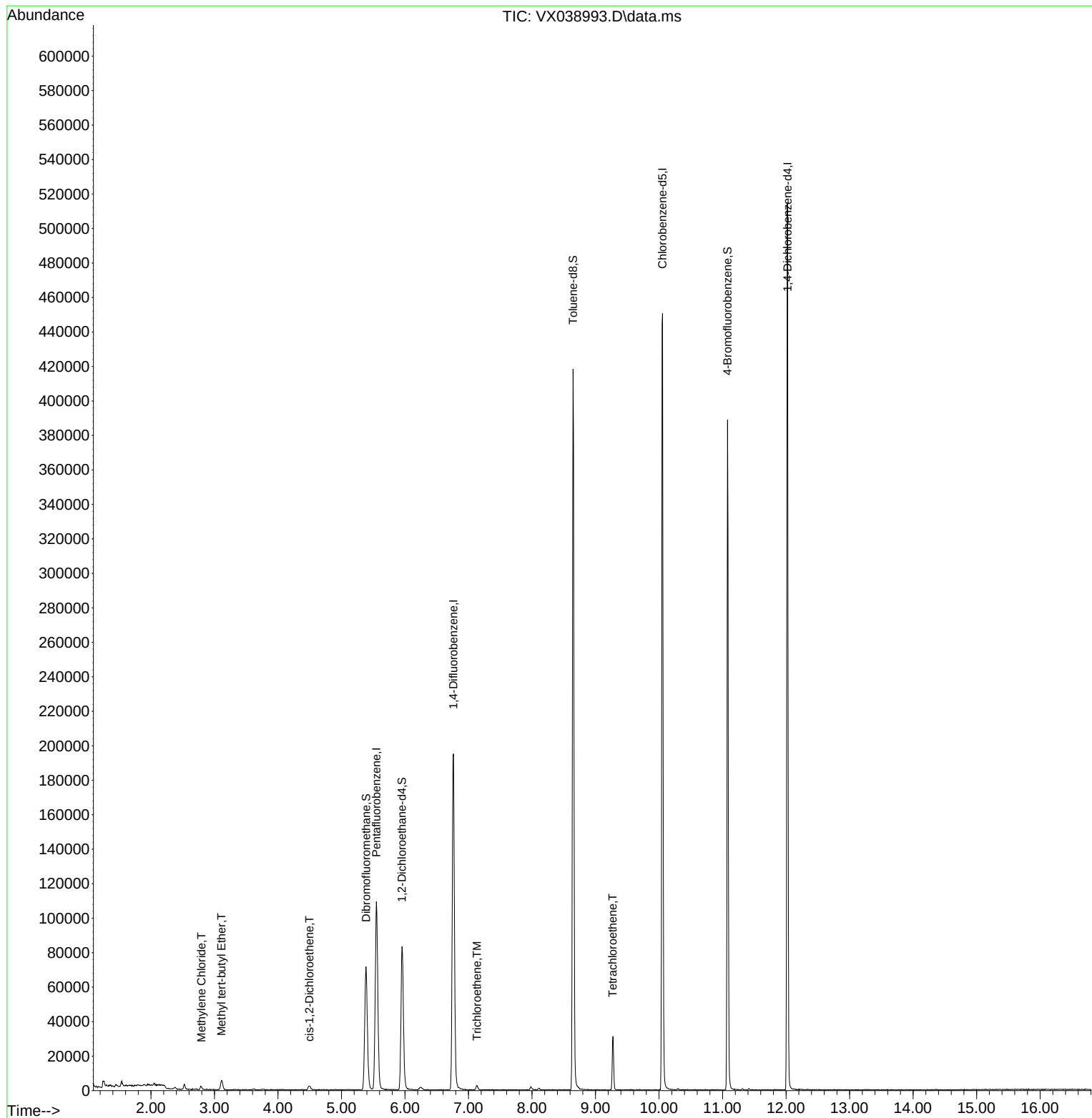
| Compound                    | R.T. QIon |       | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|--------|----------|
| -----                       |           |       |          |          |        |          |
| Internal Standards          |           |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.550     | 168   | 94255    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763     | 114   | 196712   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055    | 117   | 204050   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024    | 152   | 100076   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |           |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.952     | 65    | 80950    | 53.300   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 78 - 117 | Recovery | =      | 106.600% |
| 35) Dibromofluoromethane    | 5.385     | 113   | 61974    | 43.622   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | =      | 87.240%  |
| 50) Toluene-d8              | 8.647     | 98    | 249474   | 45.896   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 92 - 112 | Recovery | =      | 91.800%# |
| 62) 4-Bromofluorobenzene    | 11.079    | 95    | 107246   | 49.287   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 83 - 123 | Recovery | =      | 98.580%  |
| Target Compounds            |           |       |          |          |        |          |
|                             |           |       |          |          |        | Qvalue   |
| 19) Methyl tert-butyl Ether | 3.111     | 73    | 6078     | 1.471    | ug/l   | 97       |
| 20) Methylene Chloride      | 2.794     | 84    | 923      | 0.633    | ug/l # | 85       |
| 27) cis-1,2-Dichloroethene  | 4.495     | 96    | 1556     | 1.030    | ug/l   | 86       |
| 44) Trichloroethene         | 7.135     | 130   | 1026     | 0.700    | ug/l   | 85       |
| 64) Tetrachloroethene       | 9.269     | 164   | 5301     | 4.179    | ug/l   | 92       |
| -----                       |           |       |          |          |        |          |

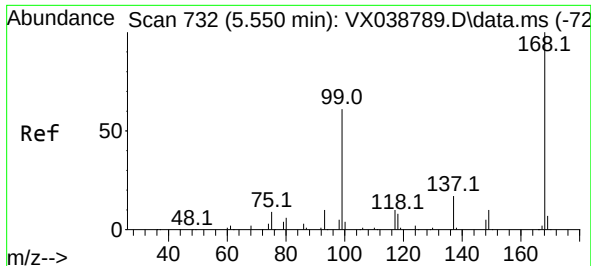
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX112123\  
Data File : VX038993.D  
Acq On : 21 Nov 2023 18:30  
Operator : JC/MD  
Sample : 05405-01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
RW10-MW01S-20231113

Quant Time: Nov 22 03:24:16 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X111623W.M  
Quant Title : SW846 8260  
QLast Update : Thu Nov 16 22:59:22 2023  
Response via : Initial Calibration

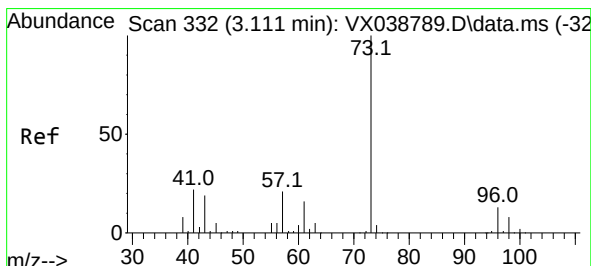
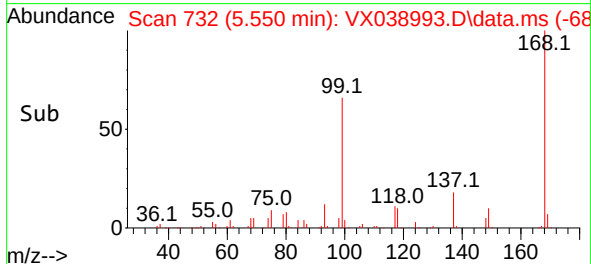
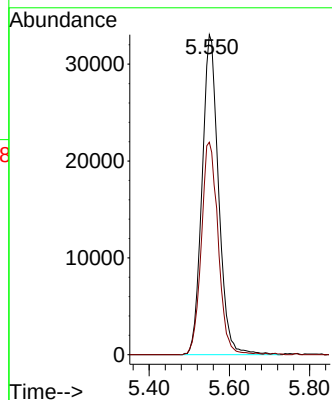
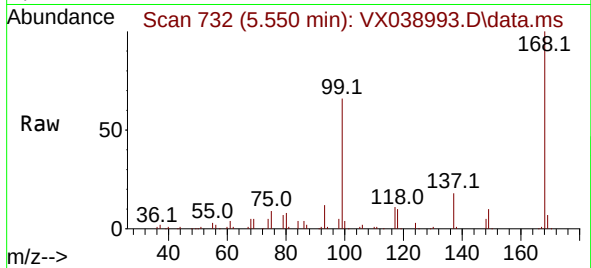




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.000 min  
Lab File: VX038993.D  
Acq: 21 Nov 2023 18:30

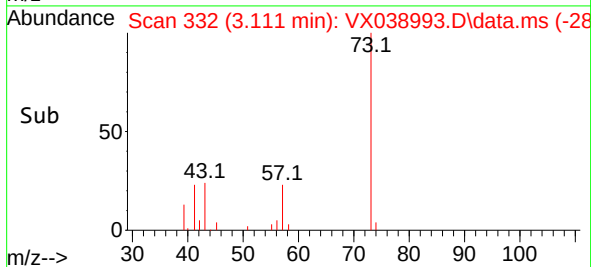
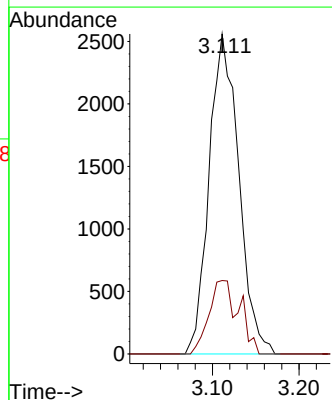
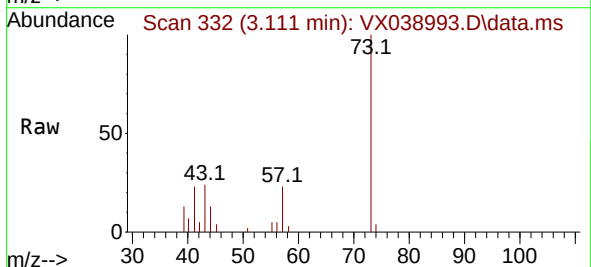
Instrument :  
MSVOA\_X  
ClientSampleId :  
RW10-MW01S-20231113

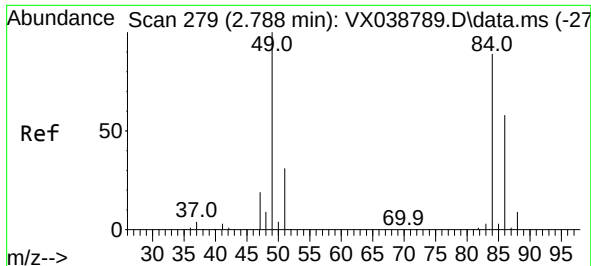
Tgt Ion:168 Resp: 94255  
Ion Ratio Lower Upper  
168 100  
99 66.4 56.6 85.0



#19  
Methyl tert-butyl Ether  
Concen: 1.471 ug/l  
RT: 3.111 min Scan# 332  
Delta R.T. 0.000 min  
Lab File: VX038993.D  
Acq: 21 Nov 2023 18:30

Tgt Ion: 73 Resp: 6078  
Ion Ratio Lower Upper  
73 100  
57 22.9 17.3 25.9



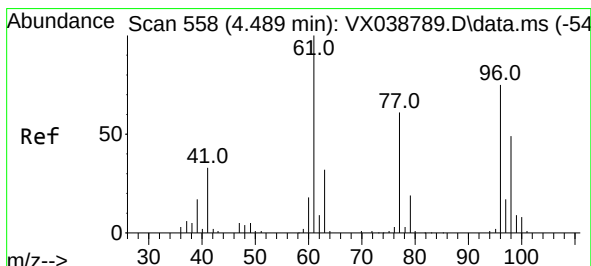
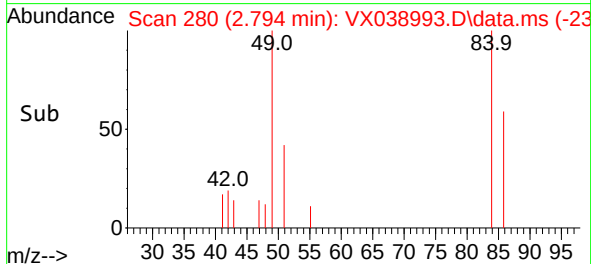
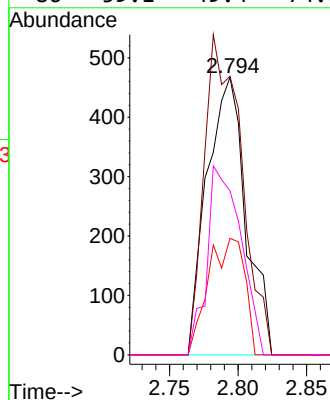
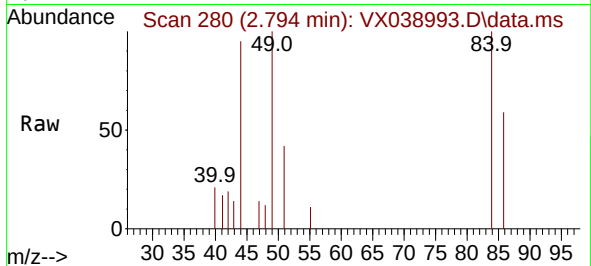


#20  
Methylene Chloride  
Concen: 0.633 ug/l  
RT: 2.794 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX038993.D  
Acq: 21 Nov 2023 18:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
RW10-MW01S-20231113

Tgt Ion: 84 Resp: 923

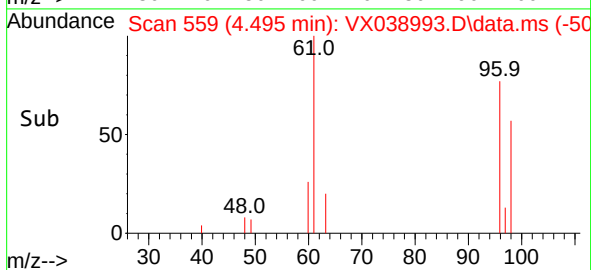
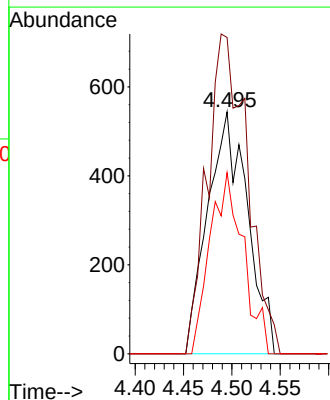
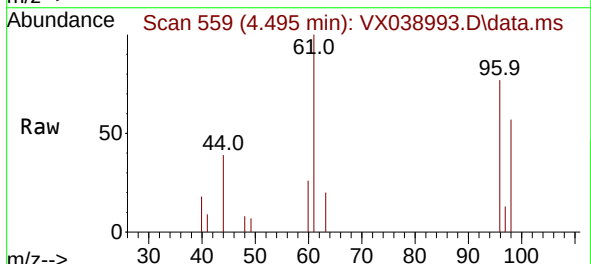
| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 84  | 100   |       |        |
| 49  | 100.4 | 103.6 | 155.4# |
| 51  | 42.0  | 33.8  | 50.6   |
| 86  | 59.1  | 49.4  | 74.0   |

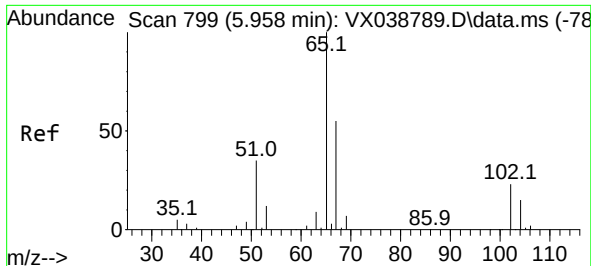


#27  
cis-1,2-Dichloroethene  
Concen: 1.030 ug/l  
RT: 4.495 min Scan# 559  
Delta R.T. 0.006 min  
Lab File: VX038993.D  
Acq: 21 Nov 2023 18:30

Tgt Ion: 96 Resp: 1556

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 132.5 | 0.0   | 312.2 |
| 98  | 62.5  | 0.0   | 129.0 |





#33

1,2-Dichloroethane-d4

Concen: 53.300 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038993.D

Acq: 21 Nov 2023 18:30

Instrument :

MSVOA\_X

ClientSampleId :

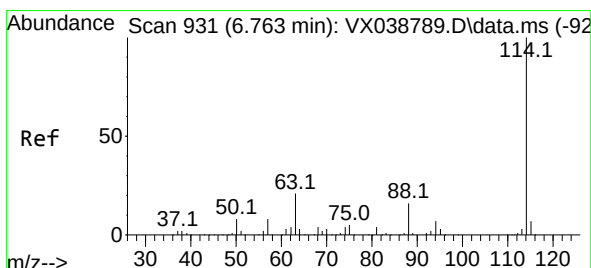
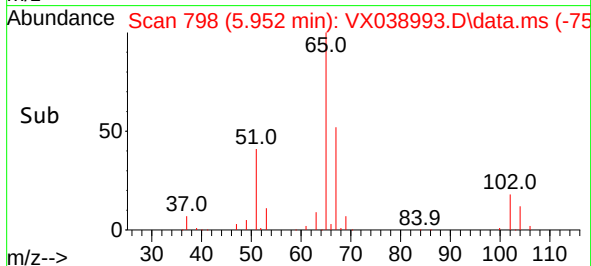
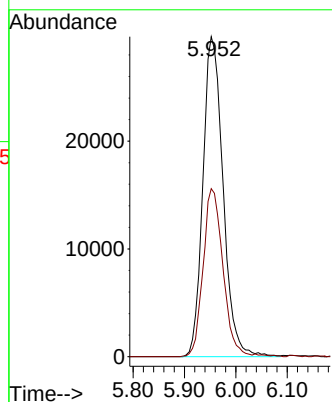
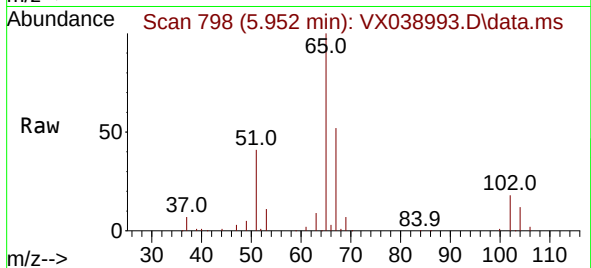
RW10-MW01S-20231113

Tgt Ion: 65 Resp: 80950

Ion Ratio Lower Upper

65 100

67 51.4 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038993.D

Acq: 21 Nov 2023 18:30

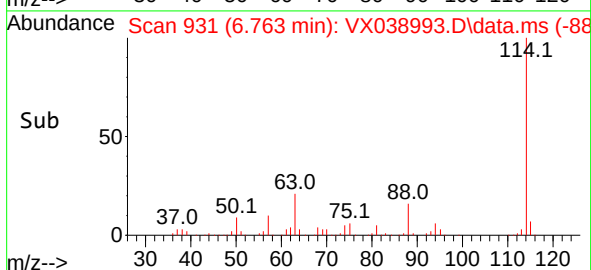
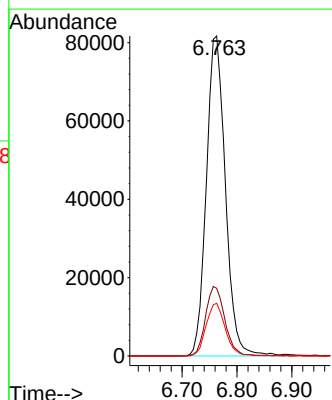
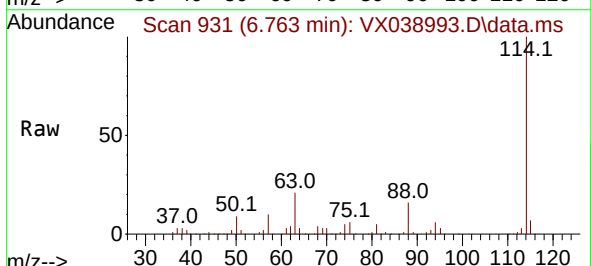
Tgt Ion: 114 Resp: 196712

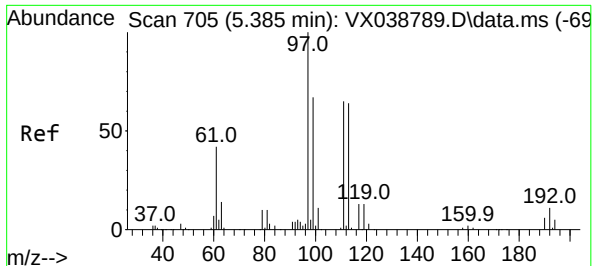
Ion Ratio Lower Upper

114 100

63 21.1 0.0 45.0

88 16.5 0.0 36.6

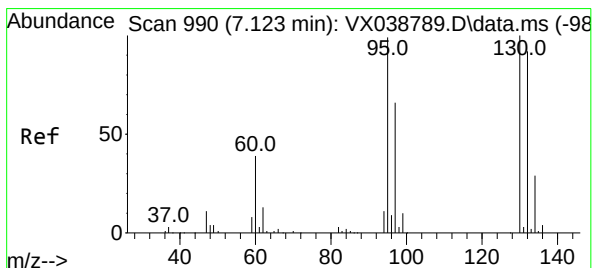
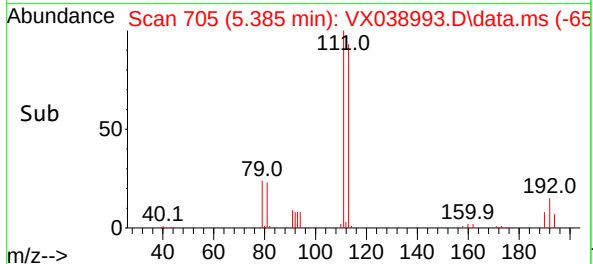
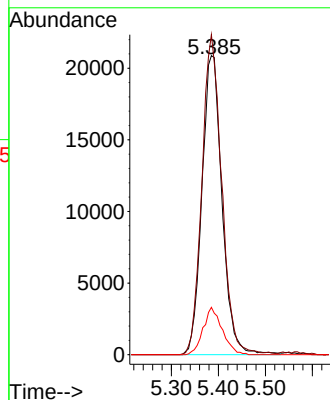
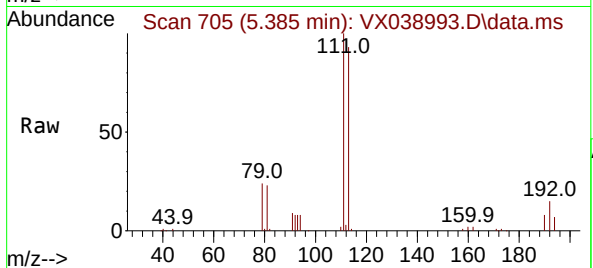




#35  
Dibromofluoromethane  
Concen: 43.622 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX038993.D  
Acq: 21 Nov 2023 18:30

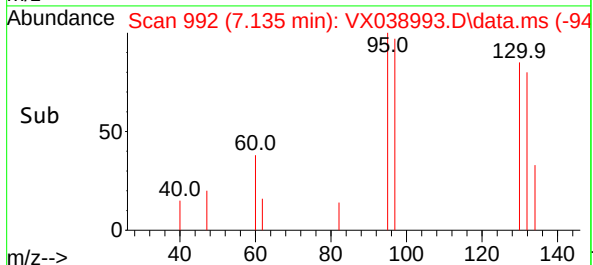
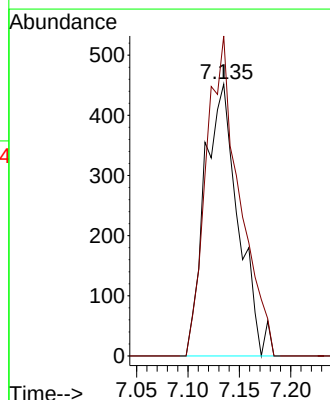
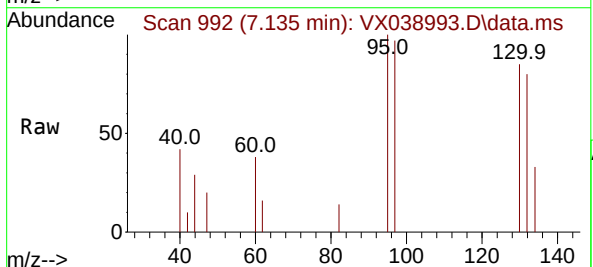
Instrument :  
MSVOA\_X  
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RW10-MW01S-20231113

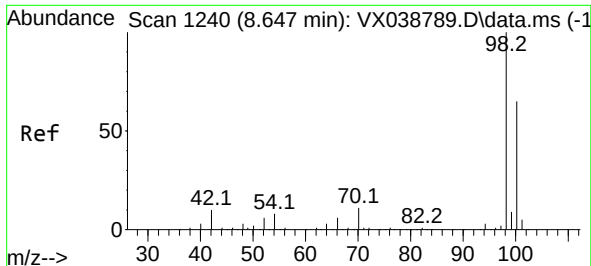
Tgt Ion:113 Resp: 61974  
Ion Ratio Lower Upper  
113 100  
111 105.1 82.9 124.3  
192 15.0 13.3 19.9



#44  
Trichloroethene  
Concen: 0.700 ug/l  
RT: 7.135 min Scan# 992  
Delta R.T. 0.012 min  
Lab File: VX038993.D  
Acq: 21 Nov 2023 18:30

Tgt Ion:130 Resp: 1026  
Ion Ratio Lower Upper  
130 100  
95 117.7 0.0 204.4

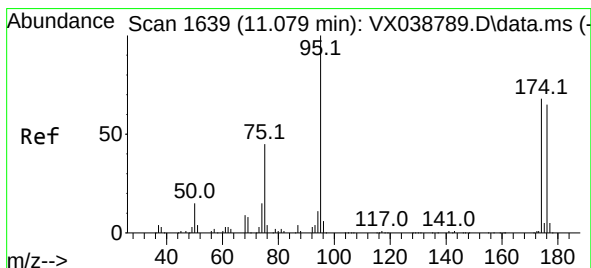
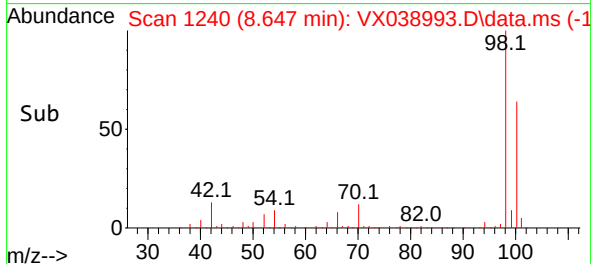
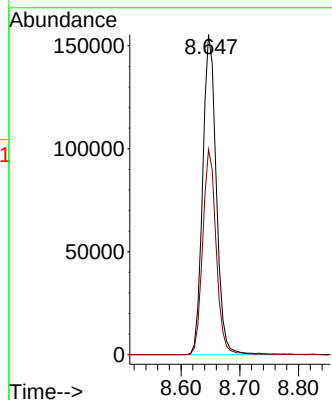
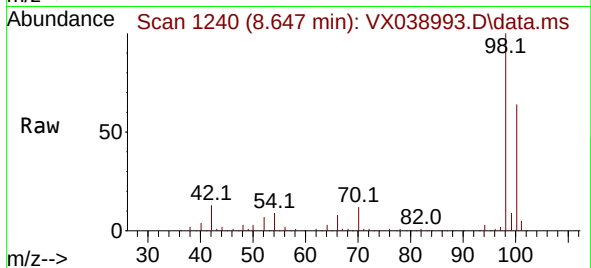




#50  
Toluene-d8  
Concen: 45.896 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX038993.D  
Acq: 21 Nov 2023 18:30

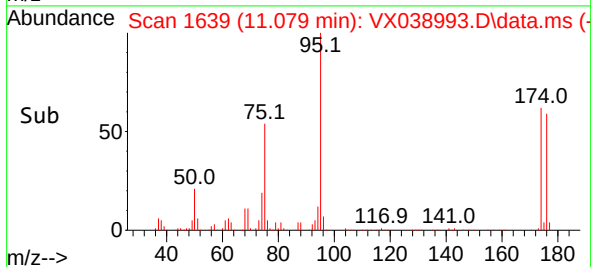
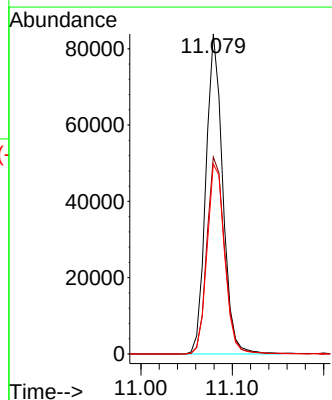
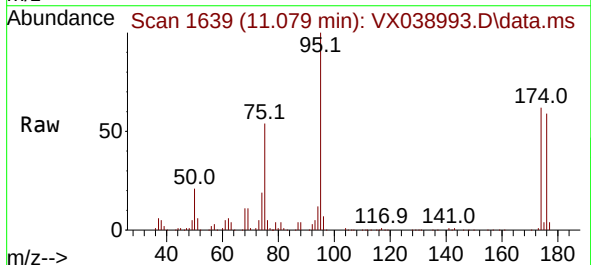
Instrument :  
MSVOA\_X  
ClientSampleId :  
RW10-MW01S-20231113

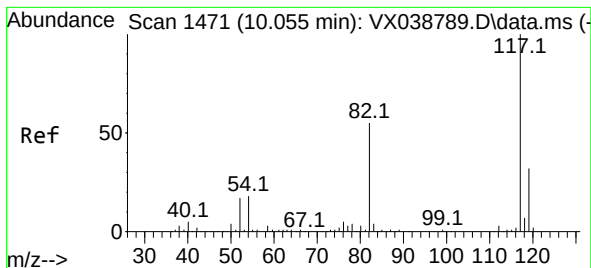
Tgt Ion: 98 Resp: 249474  
Ion Ratio Lower Upper  
98 100  
100 63.6 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 49.287 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX038993.D  
Acq: 21 Nov 2023 18:30

Tgt Ion: 95 Resp: 107246  
Ion Ratio Lower Upper  
95 100  
174 64.9 0.0 135.6  
176 62.0 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: VX038993.D

Acq: 21 Nov 2023 18:30

Instrument :

MSVOA\_X

ClientSampleId :

RW10-MW01S-20231113

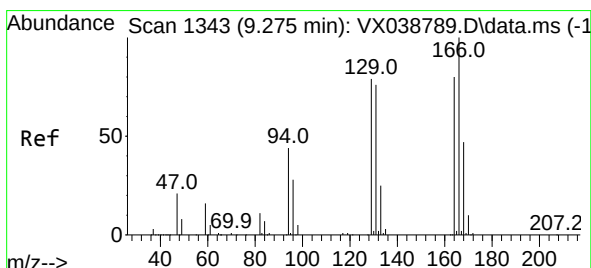
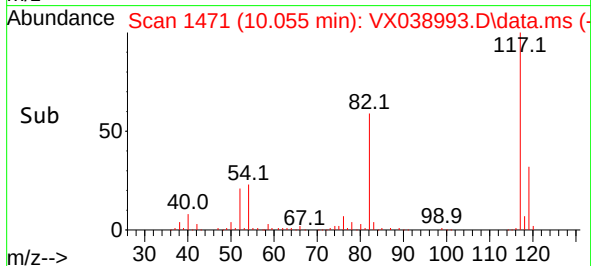
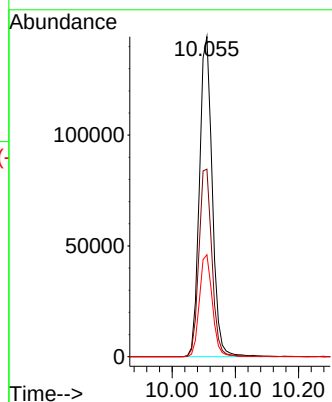
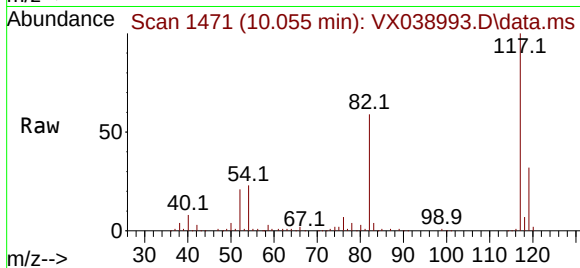
Tgt Ion:117 Resp: 204050

Ion Ratio Lower Upper

117 100

82 58.6 46.2 69.4

119 31.9 25.5 38.3



#64

Tetrachloroethene

Concen: 4.179 ug/l

RT: 9.269 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VX038993.D

Acq: 21 Nov 2023 18:30

Tgt Ion:164 Resp: 5301

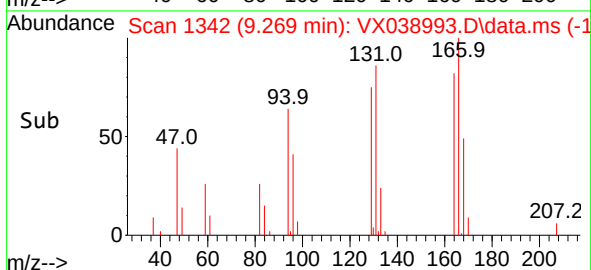
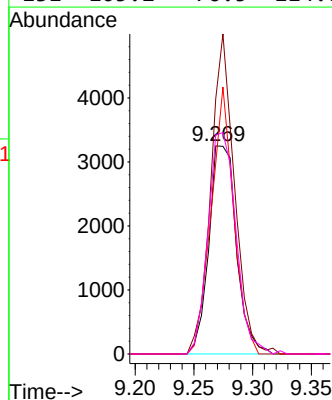
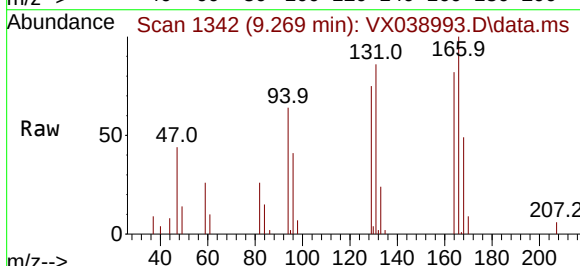
Ion Ratio Lower Upper

164 100

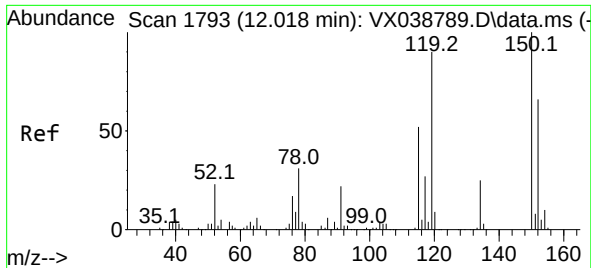
166 122.6 102.7 154.1

129 91.6 80.4 120.6

131 105.2 76.5 114.7

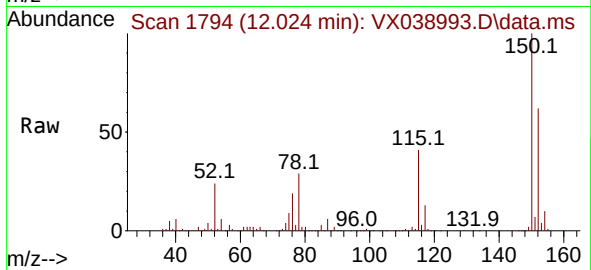






#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: VX038993.D  
 Acq: 21 Nov 2023 18:30

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RW10-MW01S-20231113



|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:152 | Resp: | 100076      |
| Ion         | Ratio | Lower Upper |
| 152         | 100   |             |
| 115         | 67.2  | 43.3 129.9  |
| 150         | 158.9 | 0.0 345.0   |

