

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX111023\  
 Data File : VX038741.D  
 Acq On : 10 Nov 2023 20:01  
 Operator : JC/MD  
 Sample : 05351-04  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 72-11985

Quant Time: Nov 11 01:59:57 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X110723W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 08 03:19:07 2023  
 Response via : Initial Calibration

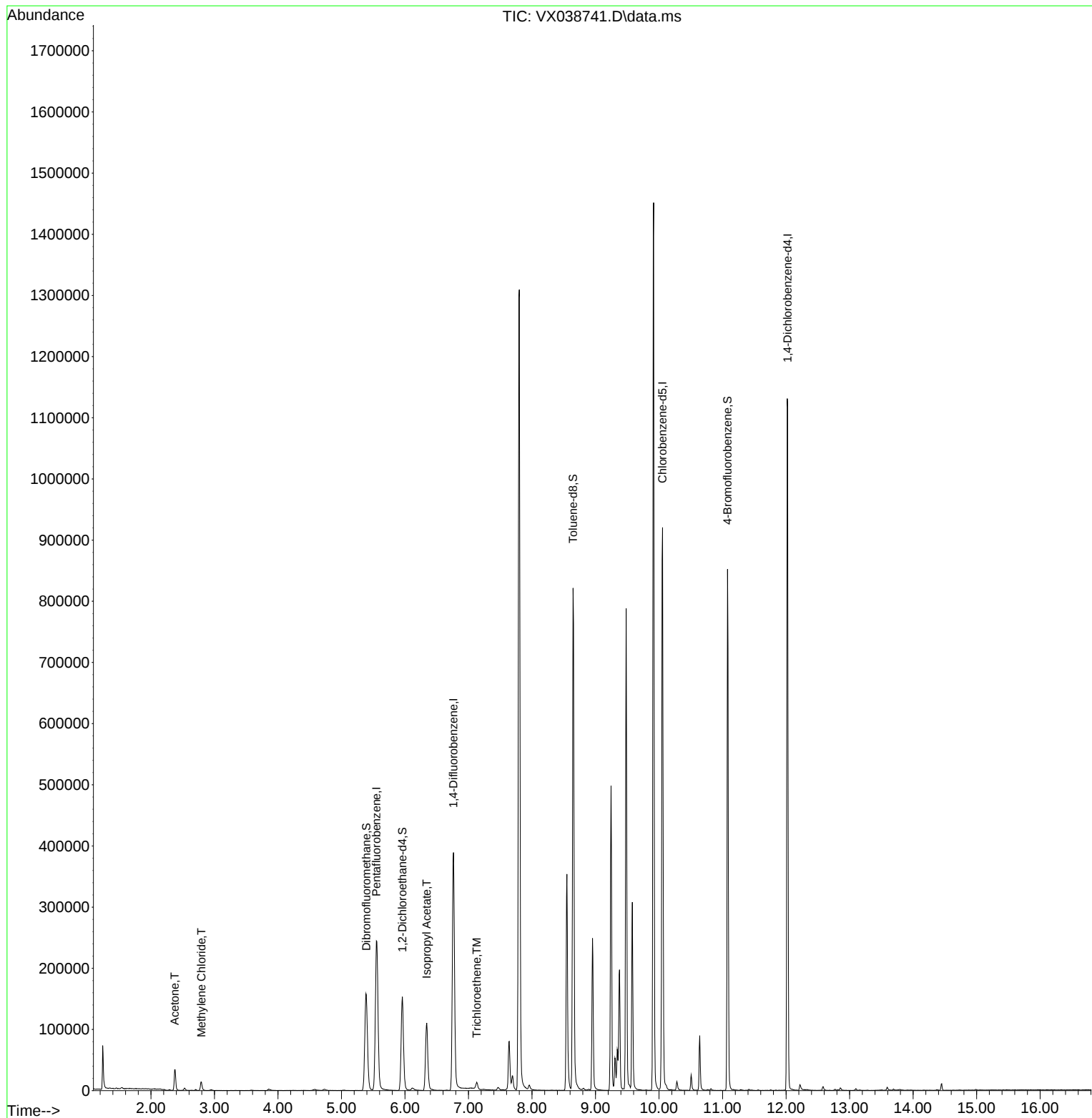
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 259002   | 50.000   | ug/l   | # 0.00   |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 440065   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 469650   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 265356   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 151293   | 46.920   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 93.840%  |
| 35) Dibromofluoromethane    | 5.391  | 113   | 142479   | 44.953   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 89.900%  |
| 50) Toluene-d8              | 8.647  | 98    | 531256   | 46.841   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 93.680%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 227567   | 51.752   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 103.500% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.374  | 43    | 36447    | 26.839   | ug/l   | 90       |
| 20) Methylene Chloride      | 2.794  | 84    | 7148     | 2.611    | ug/l   | # 83     |
| 43) Isopropyl Acetate       | 6.342  | 43    | 146662   | 23.732   | ug/l   | # 92     |
| 44) Trichloroethene         | 7.129  | 130   | 4833     | 1.370    | ug/l   | 89       |
| -----                       |        |       |          |          |        |          |

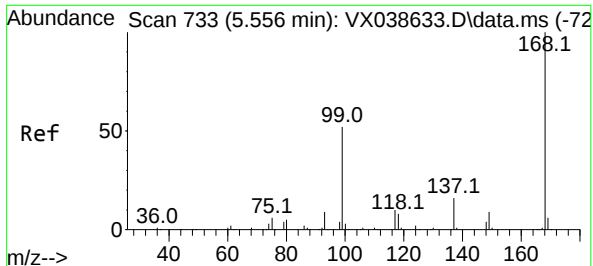
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X110723W.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 08 03:19:07 2023  
Response via : Initial Calibration





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX038741.D  
Acq: 10 Nov 2023 20:01

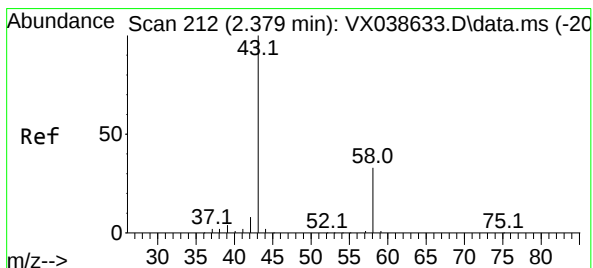
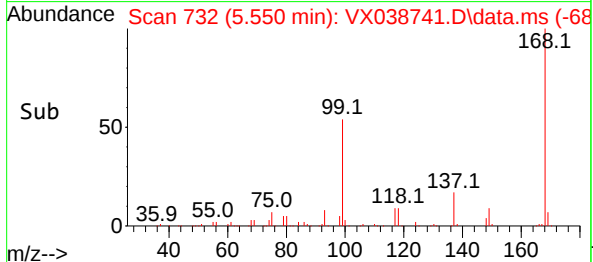
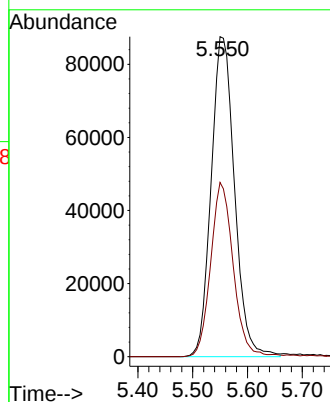
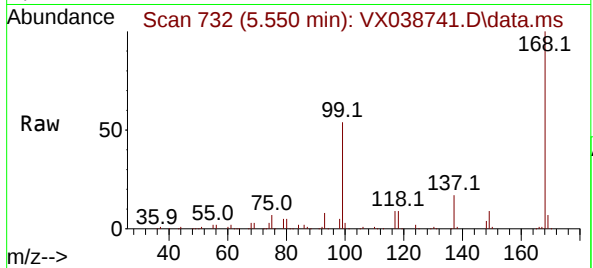
Instrument :

MSVOA\_X

ClientSampleId :

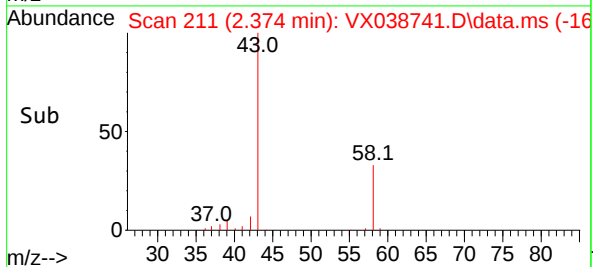
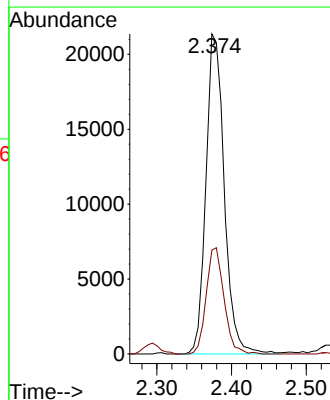
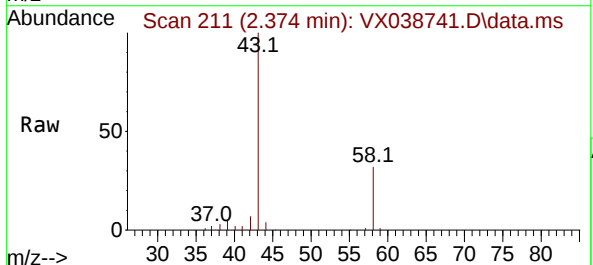
72-11985

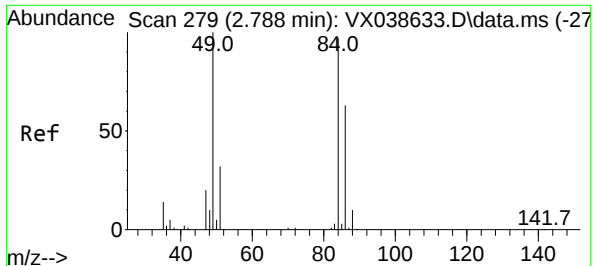
Tgt Ion:168 Resp: 259002  
Ion Ratio Lower Upper  
168 100  
99 54.4 56.6 85.0#



#16  
Acetone  
Concen: 26.839 ug/l  
RT: 2.374 min Scan# 211  
Delta R.T. -0.006 min  
Lab File: VX038741.D  
Acq: 10 Nov 2023 20:01

Tgt Ion: 43 Resp: 36447  
Ion Ratio Lower Upper  
43 100  
58 32.4 21.9 32.9

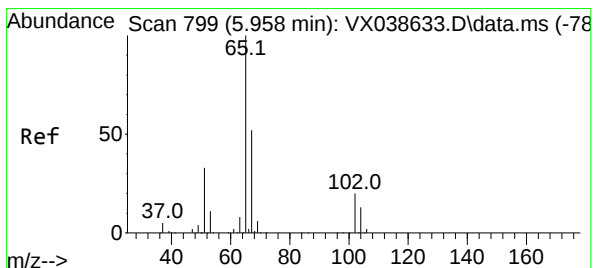
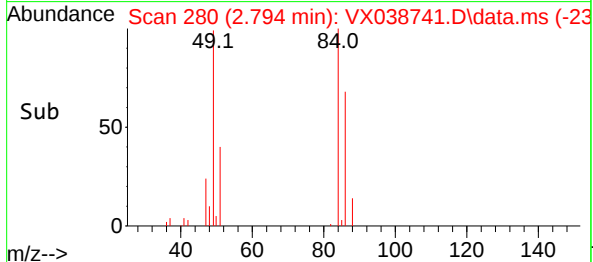
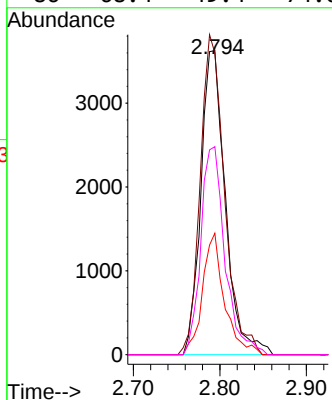
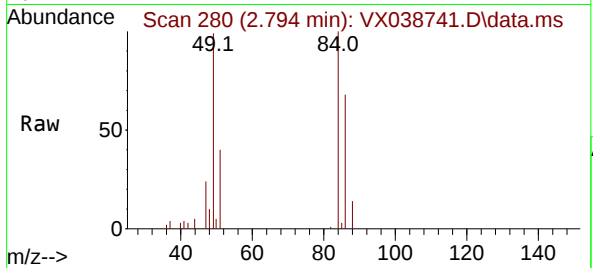




#20  
Methylene Chloride  
Concen: 2.611 ug/l  
RT: 2.794 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX038741.D  
Acq: 10 Nov 2023 20:01

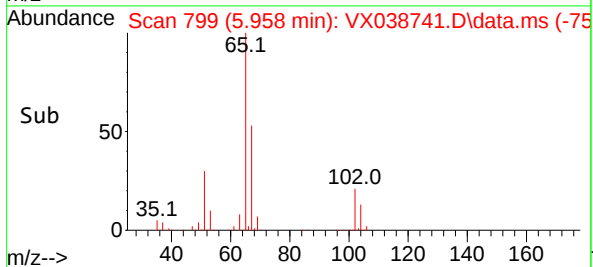
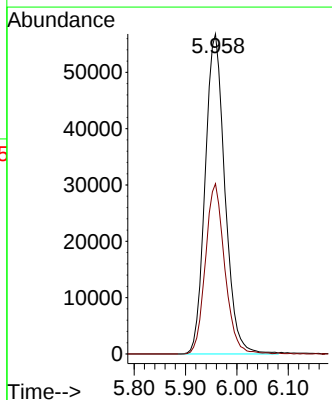
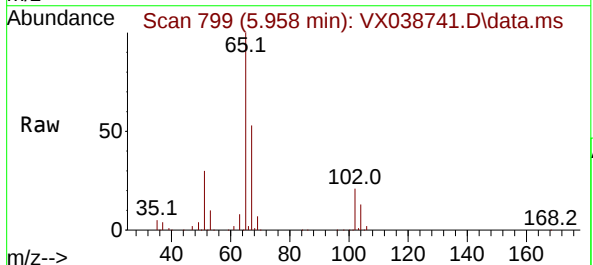
Instrument :  
MSVOA\_X  
ClientSampleId :  
72-11985

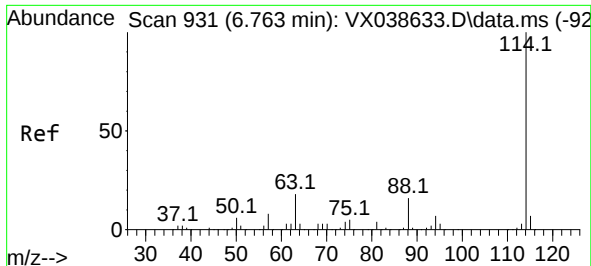
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 84    | Resp: | 7148   |
| Ion      | Ratio | Lower | Upper  |
| 84       | 100   |       |        |
| 49       | 99.3  | 103.6 | 155.4# |
| 51       | 39.9  | 33.8  | 50.6   |
| 86       | 68.4  | 49.4  | 74.0   |



#33  
1,2-Dichloroethane-d4  
Concen: 46.920 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX038741.D  
Acq: 10 Nov 2023 20:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 151293 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 67       | 52.1  | 0.0   | 100.2  |

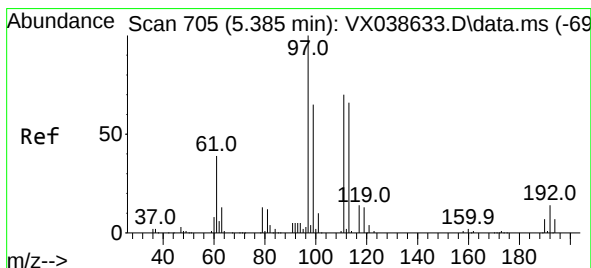
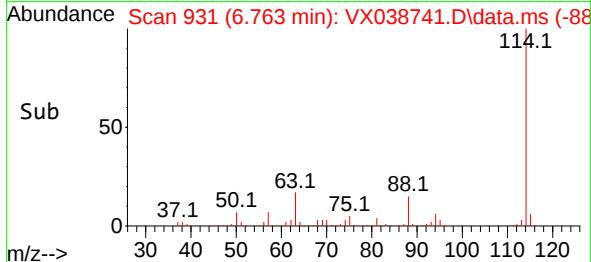
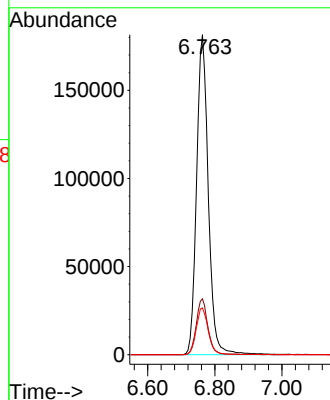
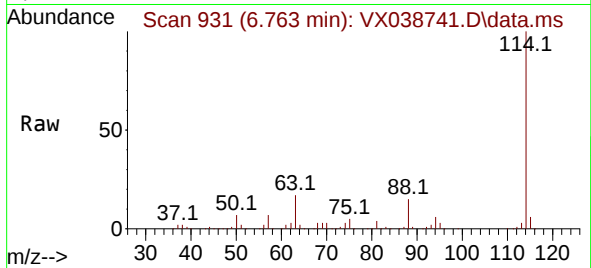




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VX038741.D  
Acq: 10 Nov 2023 20:01

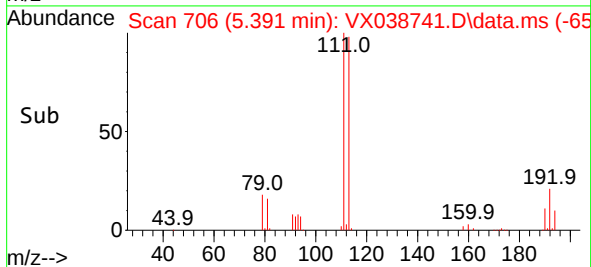
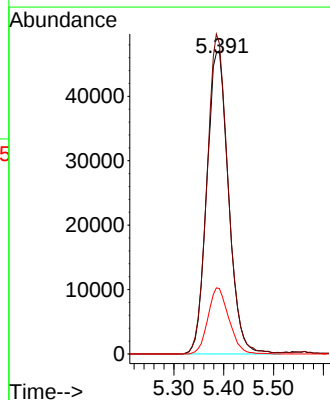
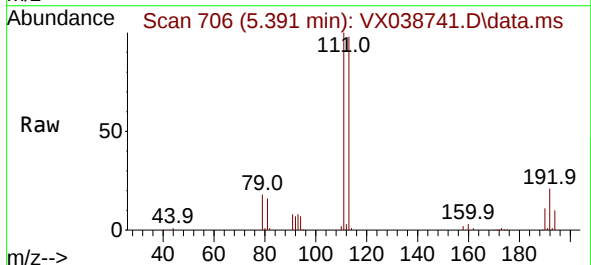
Instrument :  
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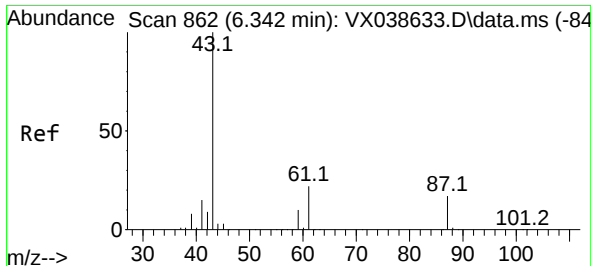
Tgt Ion:114 Resp: 440065  
Ion Ratio Lower Upper  
114 100  
63 17.5 0.0 45.0  
88 14.6 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 44.953 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX038741.D  
Acq: 10 Nov 2023 20:01

Tgt Ion:113 Resp: 142479  
Ion Ratio Lower Upper  
113 100  
111 102.4 82.9 124.3  
192 21.0 13.3 19.9#

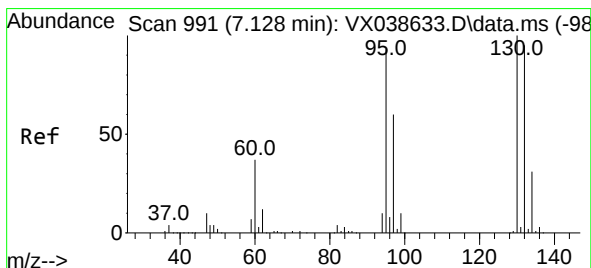
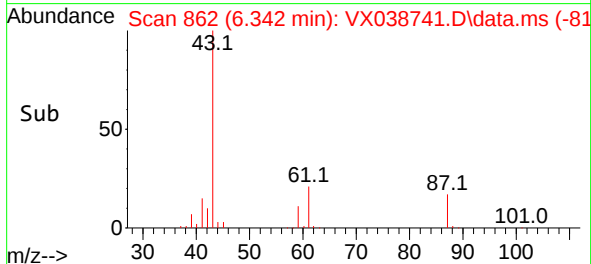
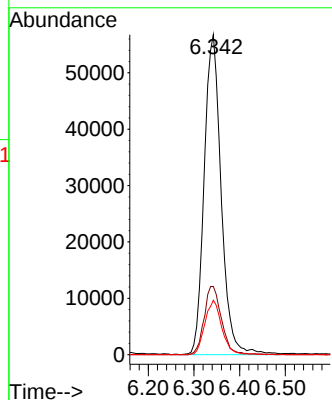
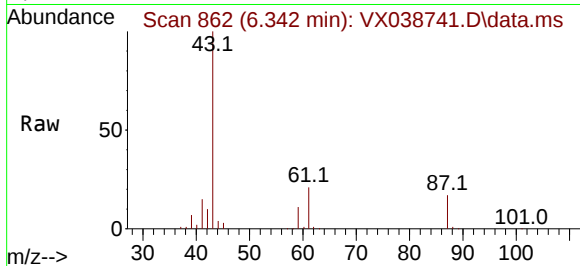




#43  
Isopropyl Acetate  
Concen: 23.732 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. 0.000 min  
Lab File: VX038741.D  
Acq: 10 Nov 2023 20:01

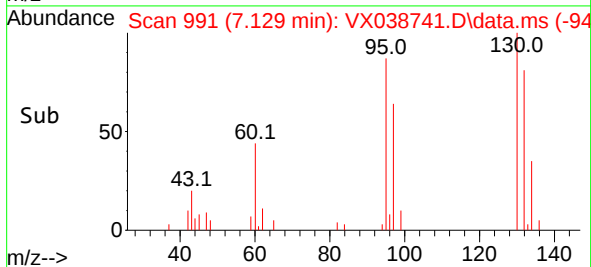
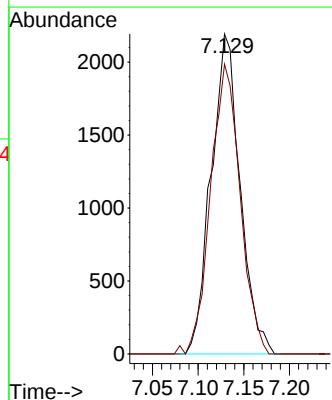
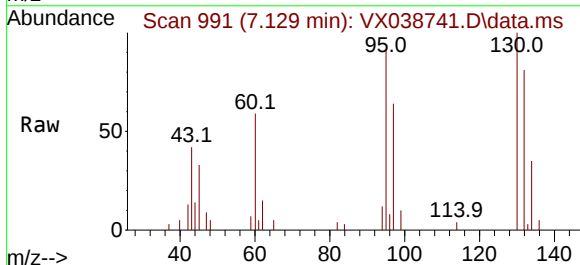
Instrument :  
MSVOA\_X  
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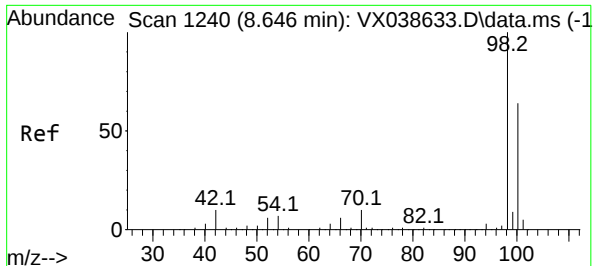
Tgt Ion: 43 Resp: 146662  
Ion Ratio Lower Upper  
43 100  
61 21.6 15.2 22.8  
87 16.9 9.8 14.6#



#44  
Trichloroethene  
Concen: 1.370 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. 0.000 min  
Lab File: VX038741.D  
Acq: 10 Nov 2023 20:01

Tgt Ion:130 Resp: 4833  
Ion Ratio Lower Upper  
130 100  
95 90.6 0.0 204.4

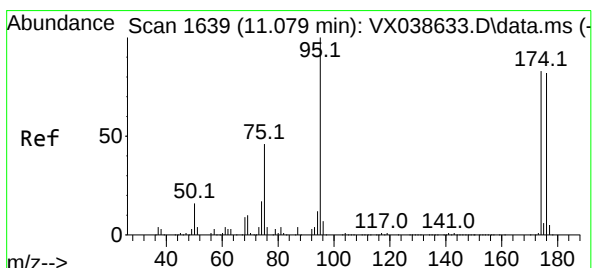
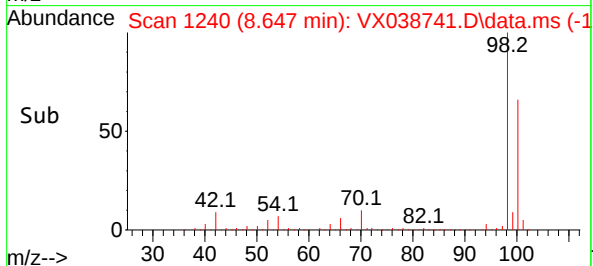
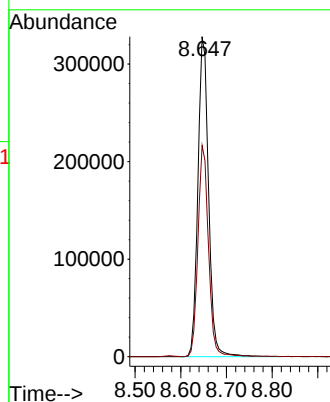
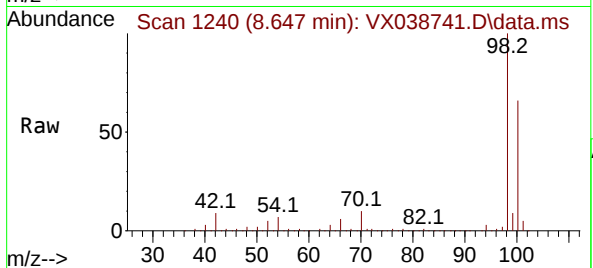




#50  
Toluene-d8  
Concen: 46.841 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX038741.D  
Acq: 10 Nov 2023 20:01

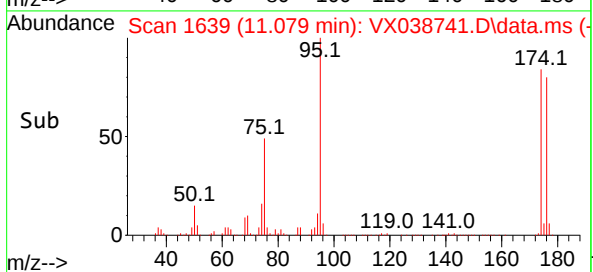
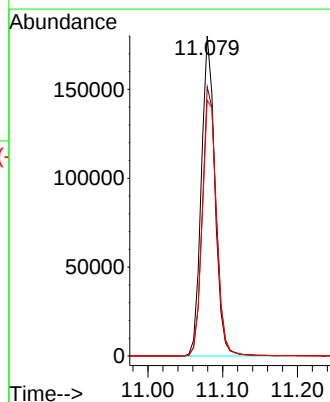
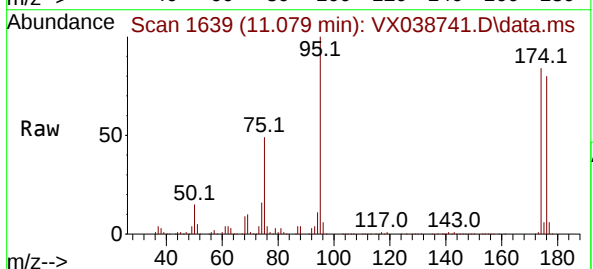
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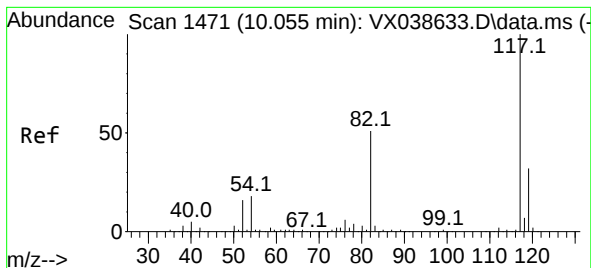
Tgt Ion: 98 Resp: 531256  
Ion Ratio Lower Upper  
98 100  
100 65.2 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 51.752 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX038741.D  
Acq: 10 Nov 2023 20:01

Tgt Ion: 95 Resp: 227567  
Ion Ratio Lower Upper  
95 100  
174 86.7 0.0 135.6  
176 84.6 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: VX038741.D

Acq: 10 Nov 2023 20:01

Instrument :

MSVOA\_X

ClientSampleId :

72-11985

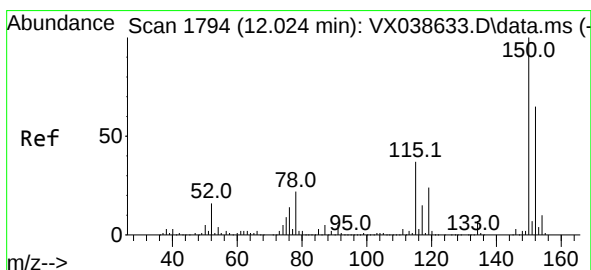
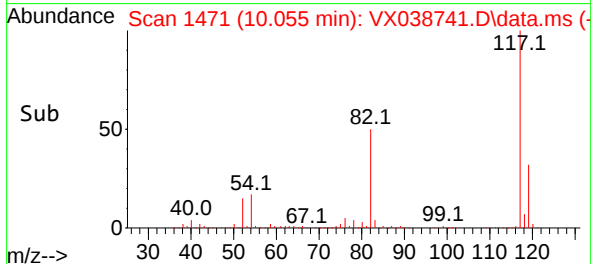
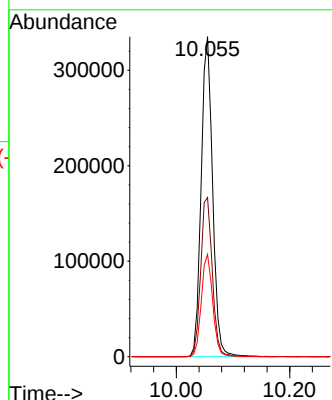
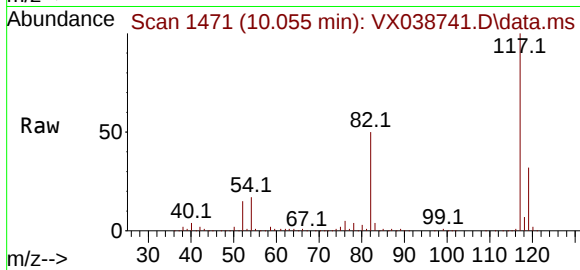
Tgt Ion:117 Resp: 469650

Ion Ratio Lower Upper

117 100

82 49.8 46.2 69.4

119 32.0 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: VX038741.D

Acq: 10 Nov 2023 20:01

Tgt Ion:152 Resp: 265356

Ion Ratio Lower Upper

152 100

115 57.6 43.3 129.9

150 157.0 0.0 345.0

