

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX020524\  
 Data File : VX040112.D  
 Acq On : 05 Feb 2024 13:45  
 Operator : JC/MD  
 Sample : PB158780TB  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB158780TB

Quant Time: Feb 06 03:00:04 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X013024W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Feb 01 05:44:39 2024  
 Response via : Initial Calibration

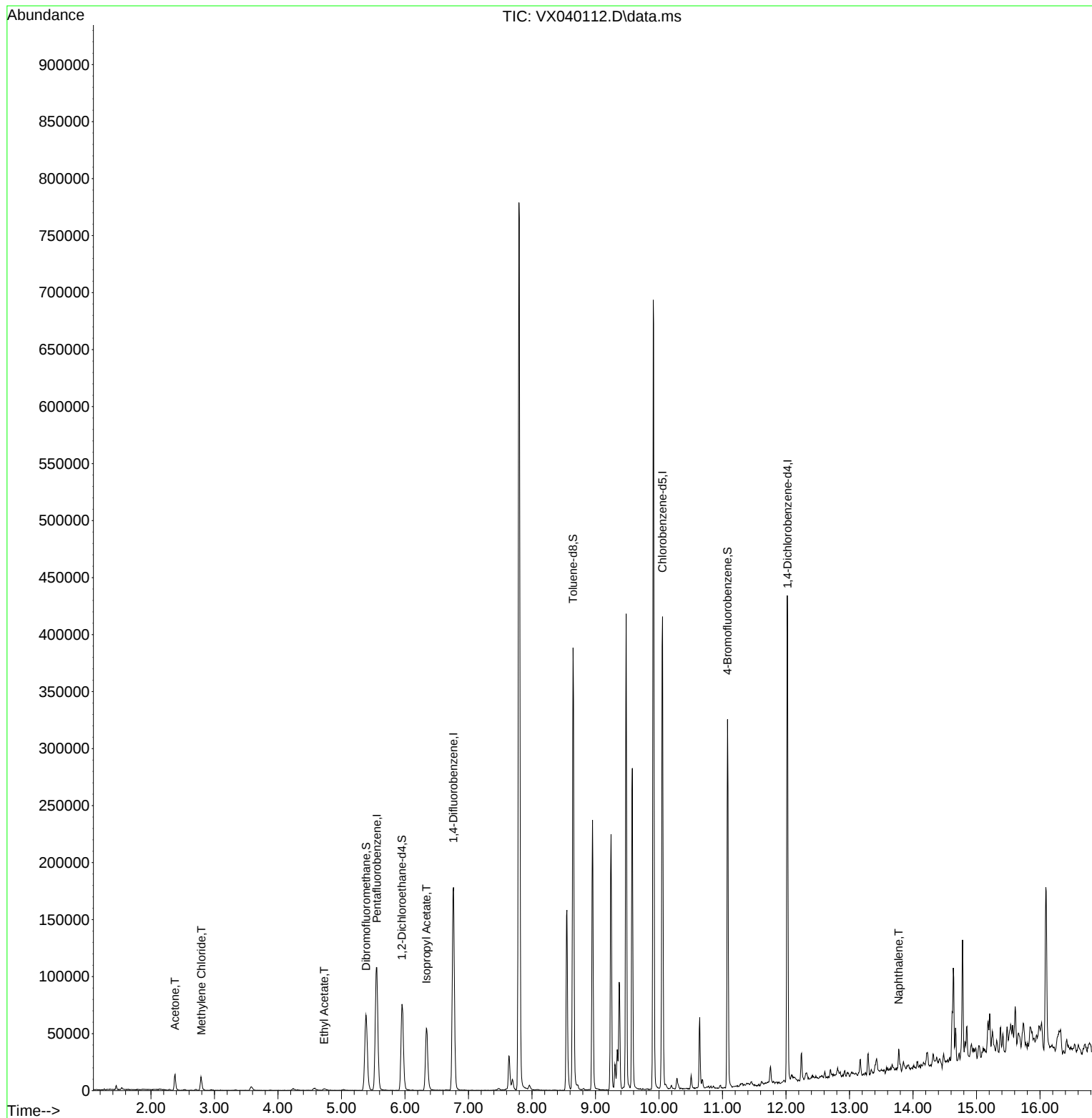
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 99629    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 180978   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 178310   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 86073    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 72220    | 45.042   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 90.080%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 56892    | 46.179   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 92.360%  |
| 50) Toluene-d8              | 8.647  | 98    | 224560   | 48.740   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 97.480%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 87409    | 49.271   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 98.540%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.380  | 43    | 14557    | 19.376   | ug/l   | 98       |
| 20) Methylene Chloride      | 2.794  | 84    | 5252     | 3.934    | ug/l   | 92       |
| 37) Ethyl Acetate           | 4.727  | 43    | 3485     | 1.791    | ug/l # | 87       |
| 43) Isopropyl Acetate       | 6.336  | 43    | 75983    | 24.762   | ug/l   | 99       |
| 95) Naphthalene             | 13.774 | 128   | 12306    | 2.090    | ug/l   | 95       |
| -----                       |        |       |          |          |        |          |

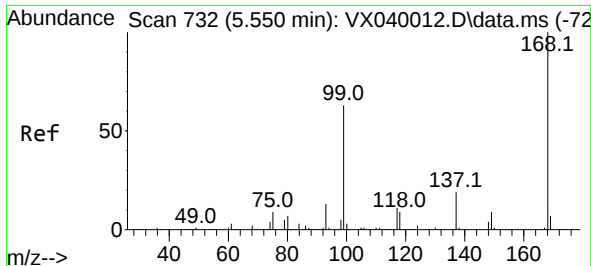
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Thu Feb 01 05:44:39 2024  
Response via : Initial Calibration

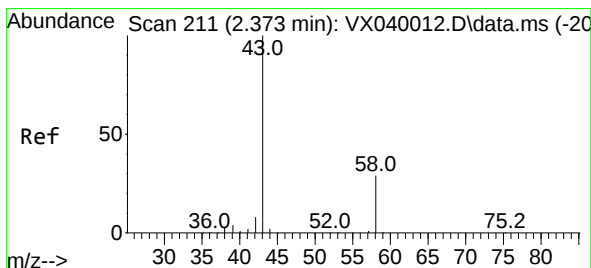
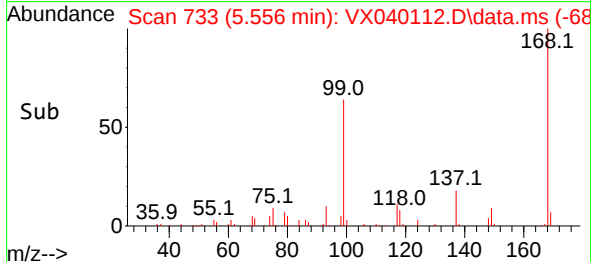
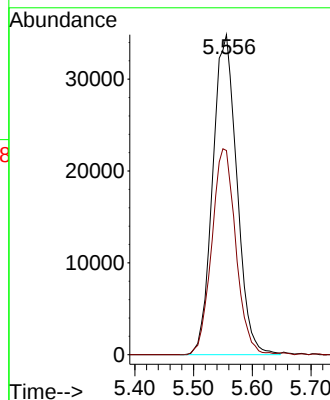
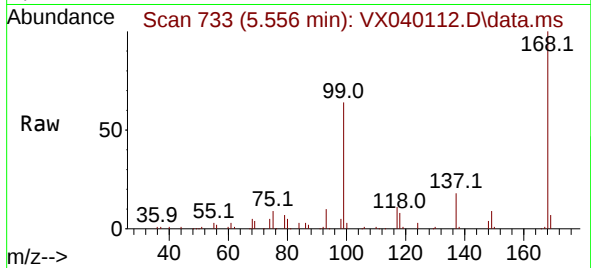




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX040112.D  
Acq: 05 Feb 2024 13:45

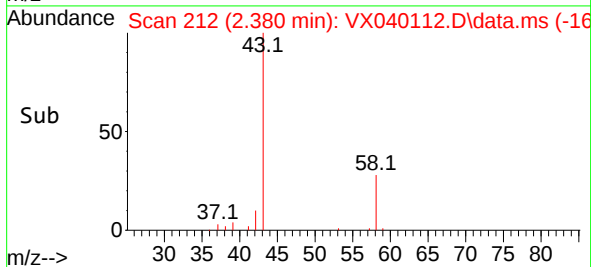
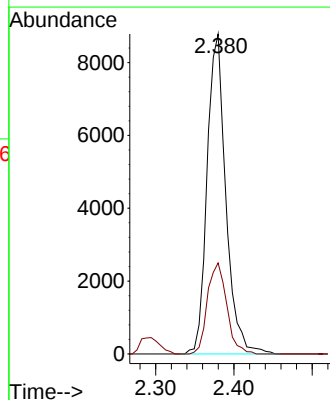
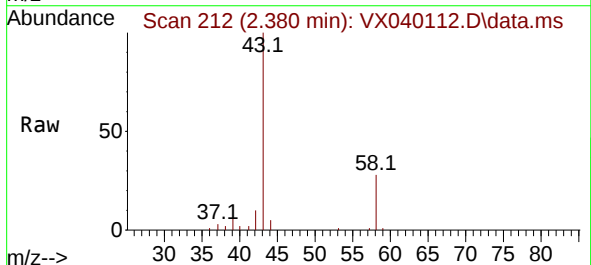
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB158780TB

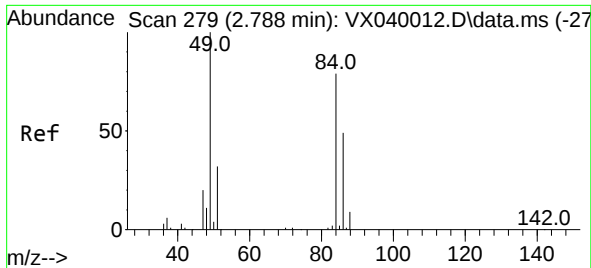
Tgt Ion:168 Resp: 99629  
Ion Ratio Lower Upper  
168 100  
99 63.8 56.6 85.0



#16  
Acetone  
Concen: 19.376 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.006 min  
Lab File: VX040112.D  
Acq: 05 Feb 2024 13:45

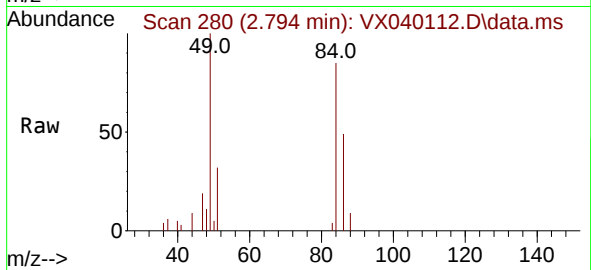
Tgt Ion: 43 Resp: 14557  
Ion Ratio Lower Upper  
43 100  
58 28.4 21.9 32.9





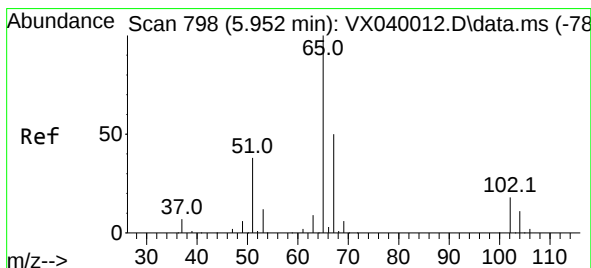
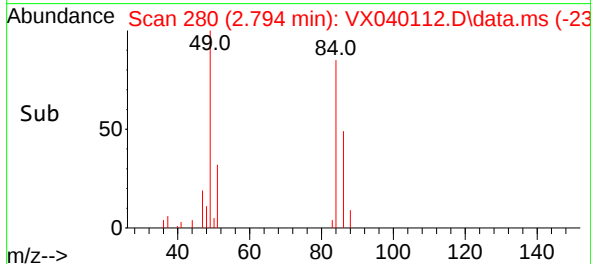
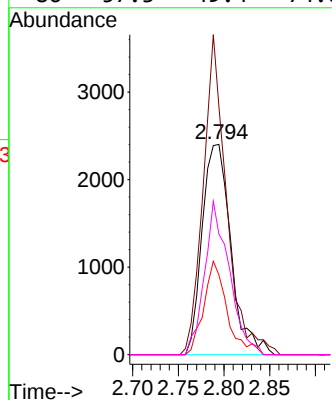
#20  
Methylene Chloride  
Concen: 3.934 ug/l  
RT: 2.794 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX040112.D  
Acq: 05 Feb 2024 13:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB158780TB



Tgt Ion: 84 Resp: 5252

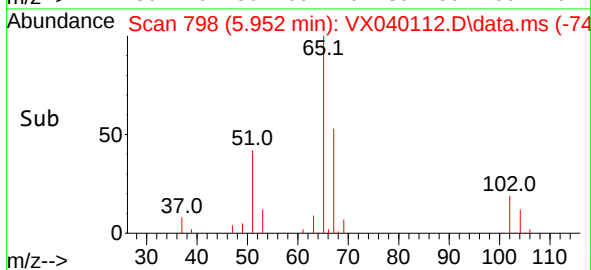
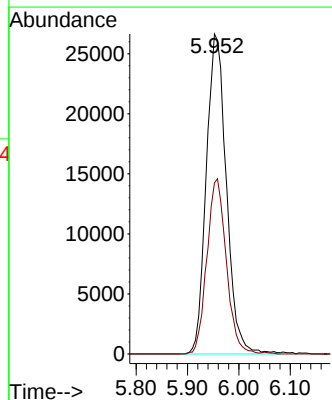
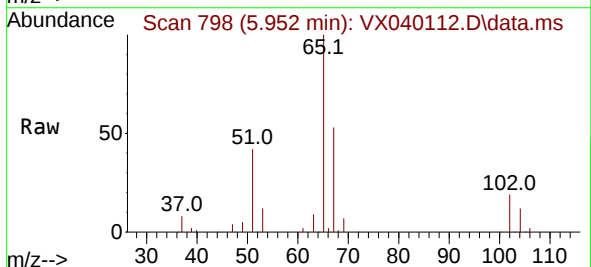
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 118.1 | 103.6 | 155.4 |
| 51  | 37.9  | 33.8  | 50.6  |
| 86  | 57.3  | 49.4  | 74.0  |

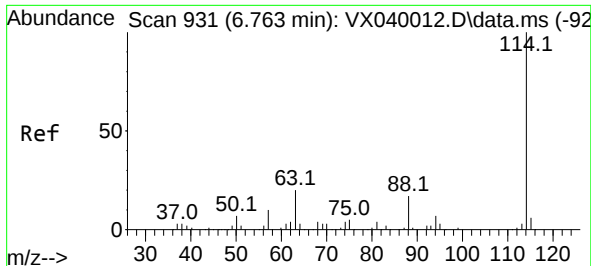


#33  
1,2-Dichloroethane-d4  
Concen: 45.042 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. 0.000 min  
Lab File: VX040112.D  
Acq: 05 Feb 2024 13:45

Tgt Ion: 65 Resp: 72220

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 52.9  | 0.0   | 100.2 |

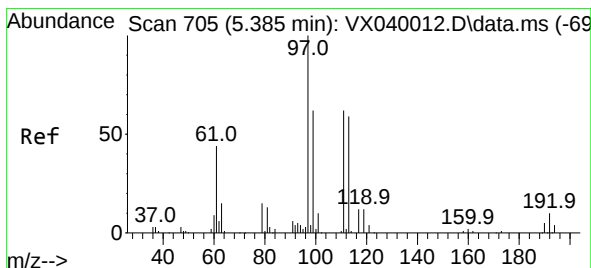
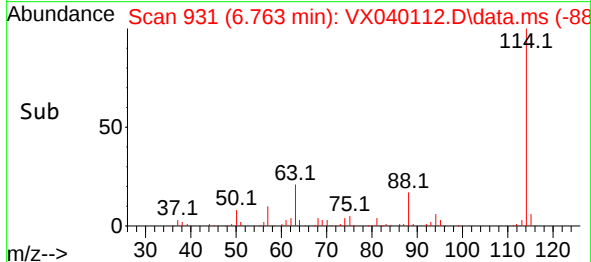
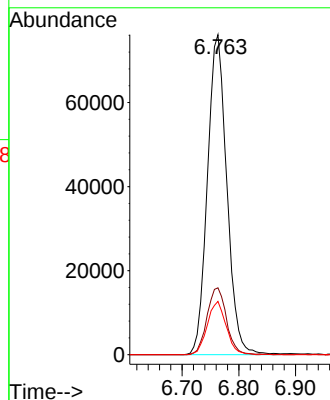
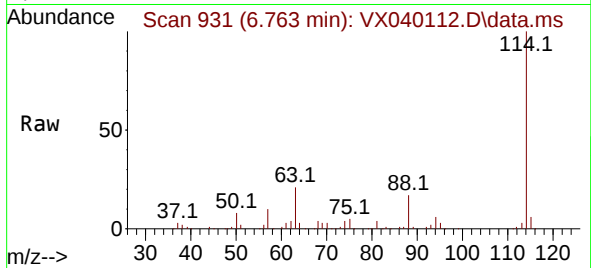




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VX040112.D  
Acq: 05 Feb 2024 13:45

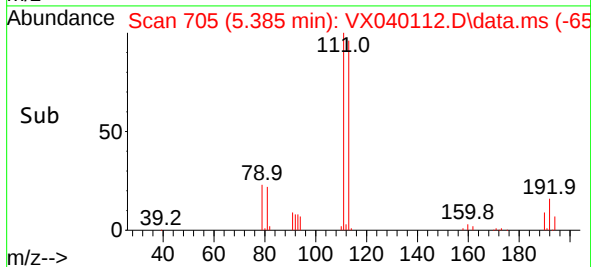
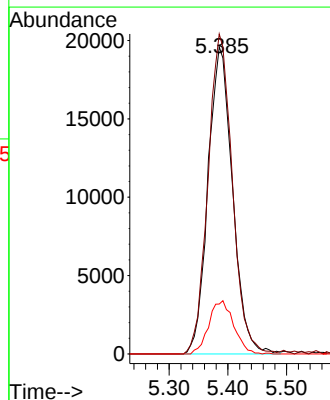
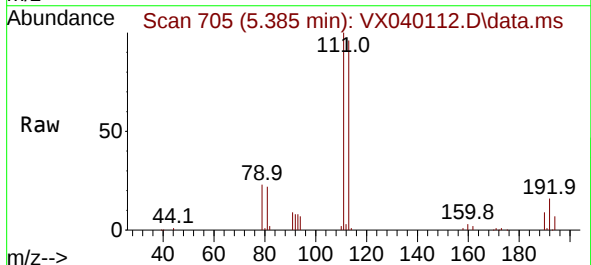
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB158780TB

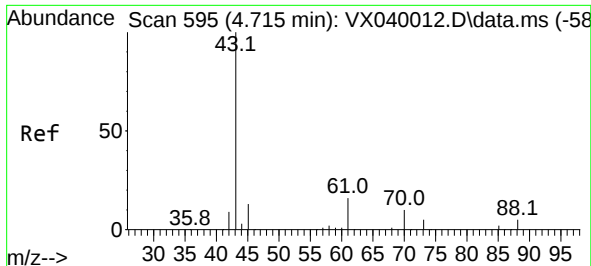
Tgt Ion:114 Resp: 180978  
Ion Ratio Lower Upper  
114 100  
63 20.9 0.0 45.0  
88 16.6 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 46.179 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX040112.D  
Acq: 05 Feb 2024 13:45

Tgt Ion:113 Resp: 56892  
Ion Ratio Lower Upper  
113 100  
111 103.5 82.9 124.3  
192 17.5 13.3 19.9





#37

Ethyl Acetate

Concen: 1.791 ug/l

RT: 4.727 min Scan# 597

Delta R.T. 0.012 min

Lab File: VX040112.D

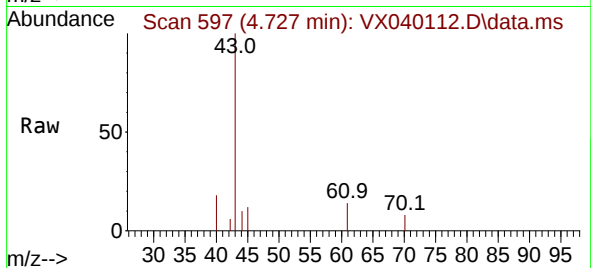
Acq: 05 Feb 2024 13:45

Instrument :

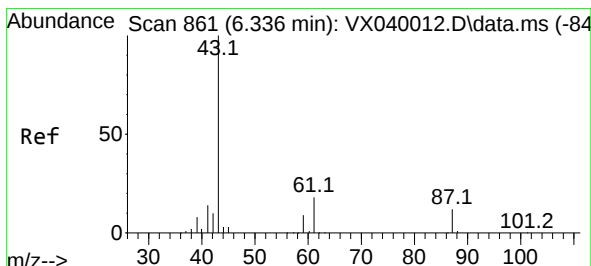
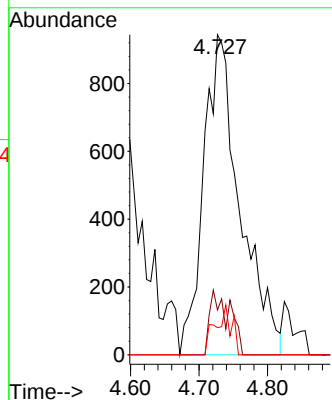
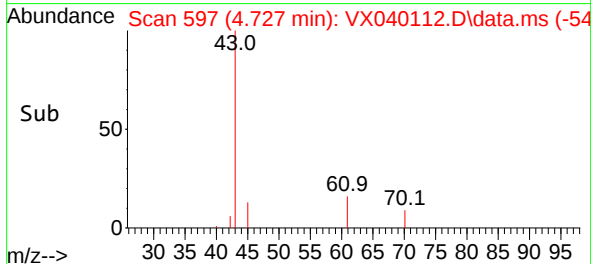
MSVOA\_X

ClientSampleId :

PB158780TB



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 3485  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 7.1   | 10.6  | 16.0# |
| 70       | 6.9   | 8.3   | 12.5# |



#43

Isopropyl Acetate

Concen: 24.762 ug/l

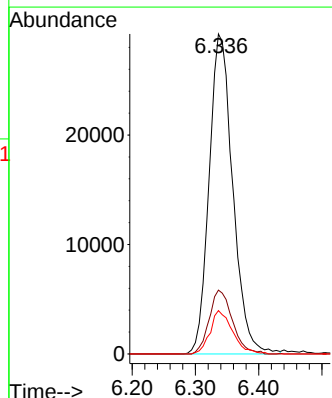
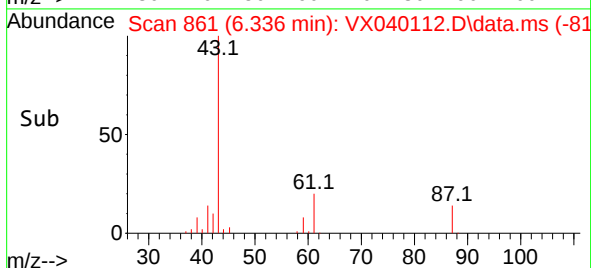
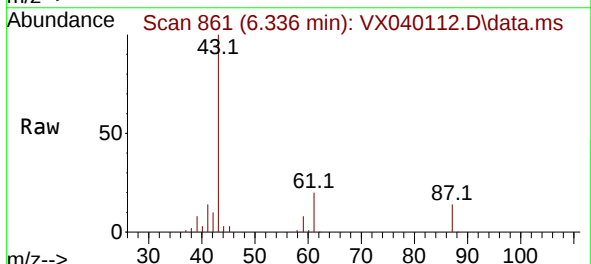
RT: 6.336 min Scan# 861

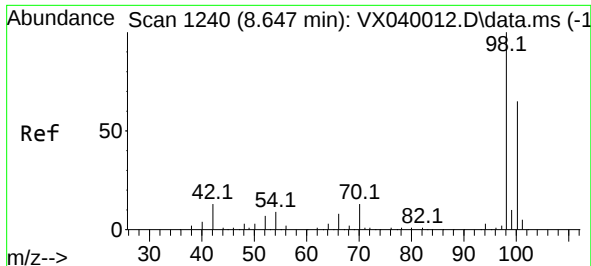
Delta R.T. 0.000 min

Lab File: VX040112.D

Acq: 05 Feb 2024 13:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 75983 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 19.5  | 15.2  | 22.8  |
| 87       | 12.9  | 9.8   | 14.6  |

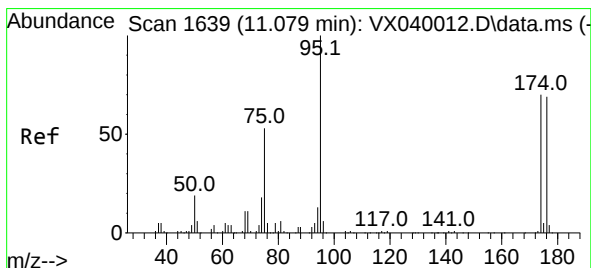
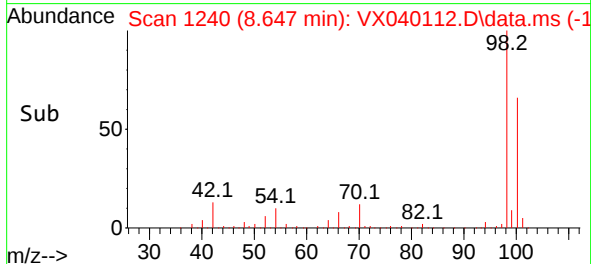
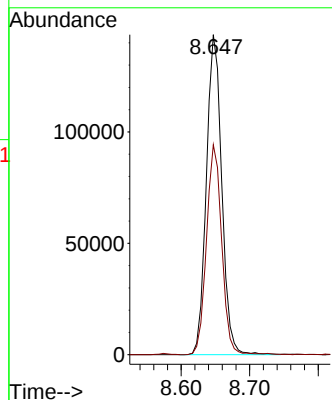
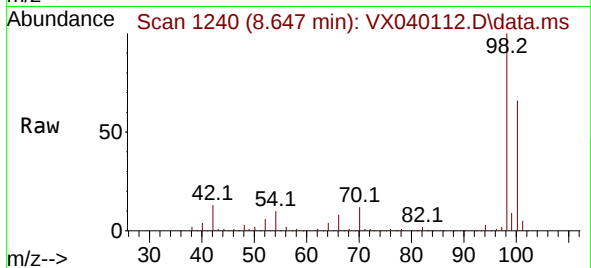




#50  
Toluene-d8  
Concen: 48.740 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX040112.D  
Acq: 05 Feb 2024 13:45

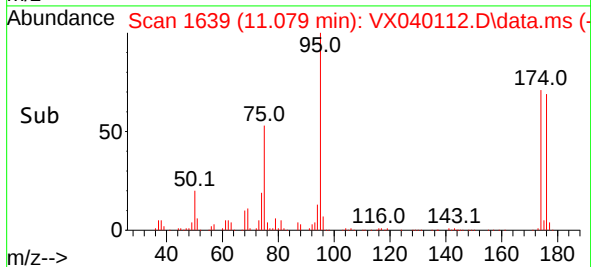
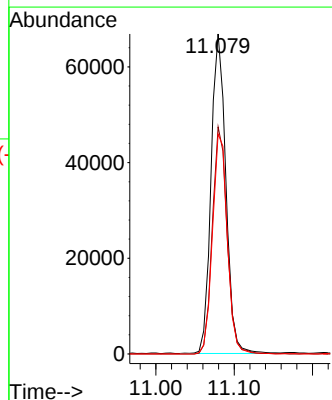
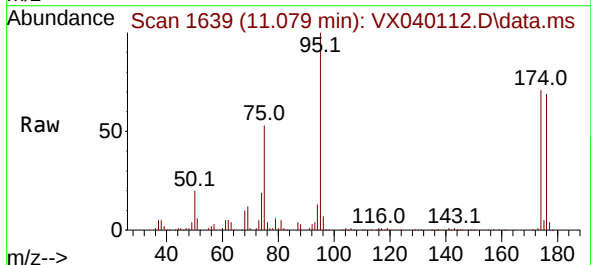
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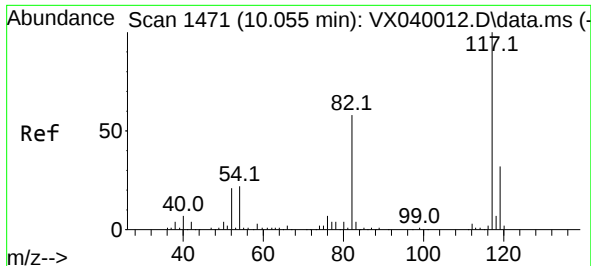
Tgt Ion: 98 Resp: 224560  
Ion Ratio Lower Upper  
98 100  
100 65.0 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 49.271 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX040112.D  
Acq: 05 Feb 2024 13:45

Tgt Ion: 95 Resp: 87409  
Ion Ratio Lower Upper  
95 100  
174 70.9 0.0 135.6  
176 69.1 0.0 131.0

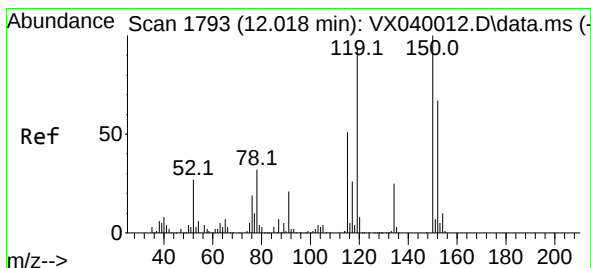
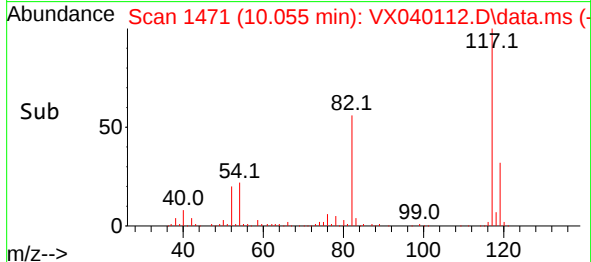
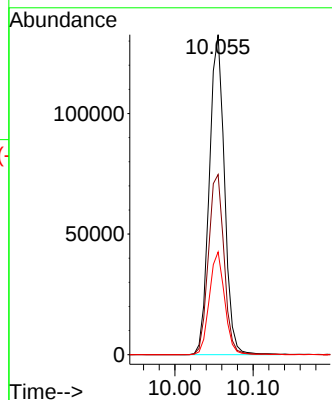
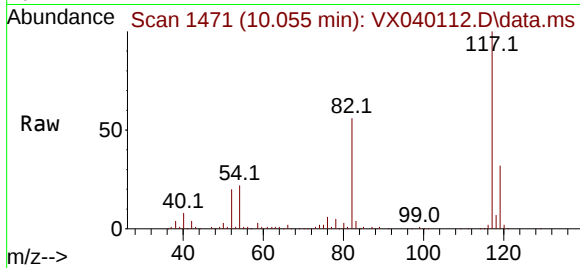




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX040112.D  
Acq: 05 Feb 2024 13:45

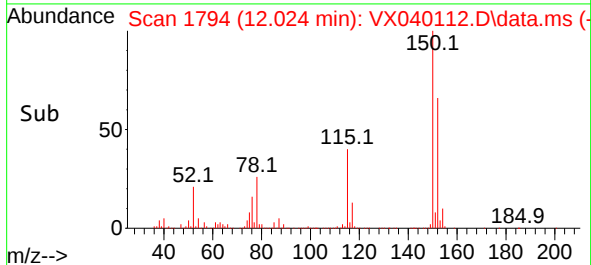
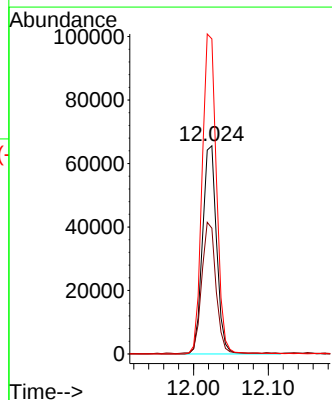
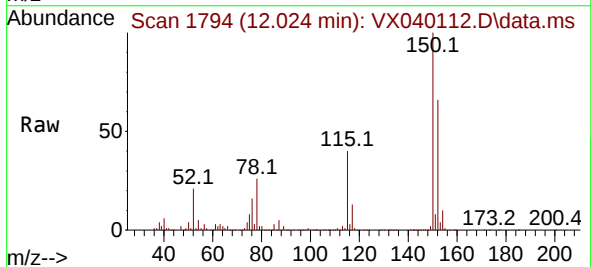
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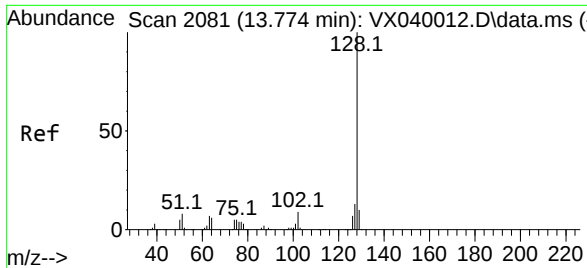
Tgt Ion:117 Resp: 178310  
Ion Ratio Lower Upper  
117 100  
82 56.3 46.2 69.4  
119 32.1 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.006 min  
Lab File: VX040112.D  
Acq: 05 Feb 2024 13:45

Tgt Ion:152 Resp: 86073  
Ion Ratio Lower Upper  
152 100  
115 63.5 43.3 129.9  
150 155.2 0.0 345.0





#95  
Naphthalene  
Concen: 2.090 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. 0.000 min  
Lab File: VX040112.D  
Acq: 05 Feb 2024 13:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB158780TB

Tgt Ion:128 Resp: 12306  
Ion Ratio Lower Upper  
128 100  
127 14.7 10.3 15.5  
129 13.0 8.8 13.2

