

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX022324\  
 Data File : VX040436.D  
 Acq On : 23 Feb 2024 16:55  
 Operator : JC/MD  
 Sample : PB159217ZHE#06  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB159217ZHE#06

Quant Time: Feb 23 22:21:57 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022224W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 23 06:47:29 2024  
 Response via : Initial Calibration

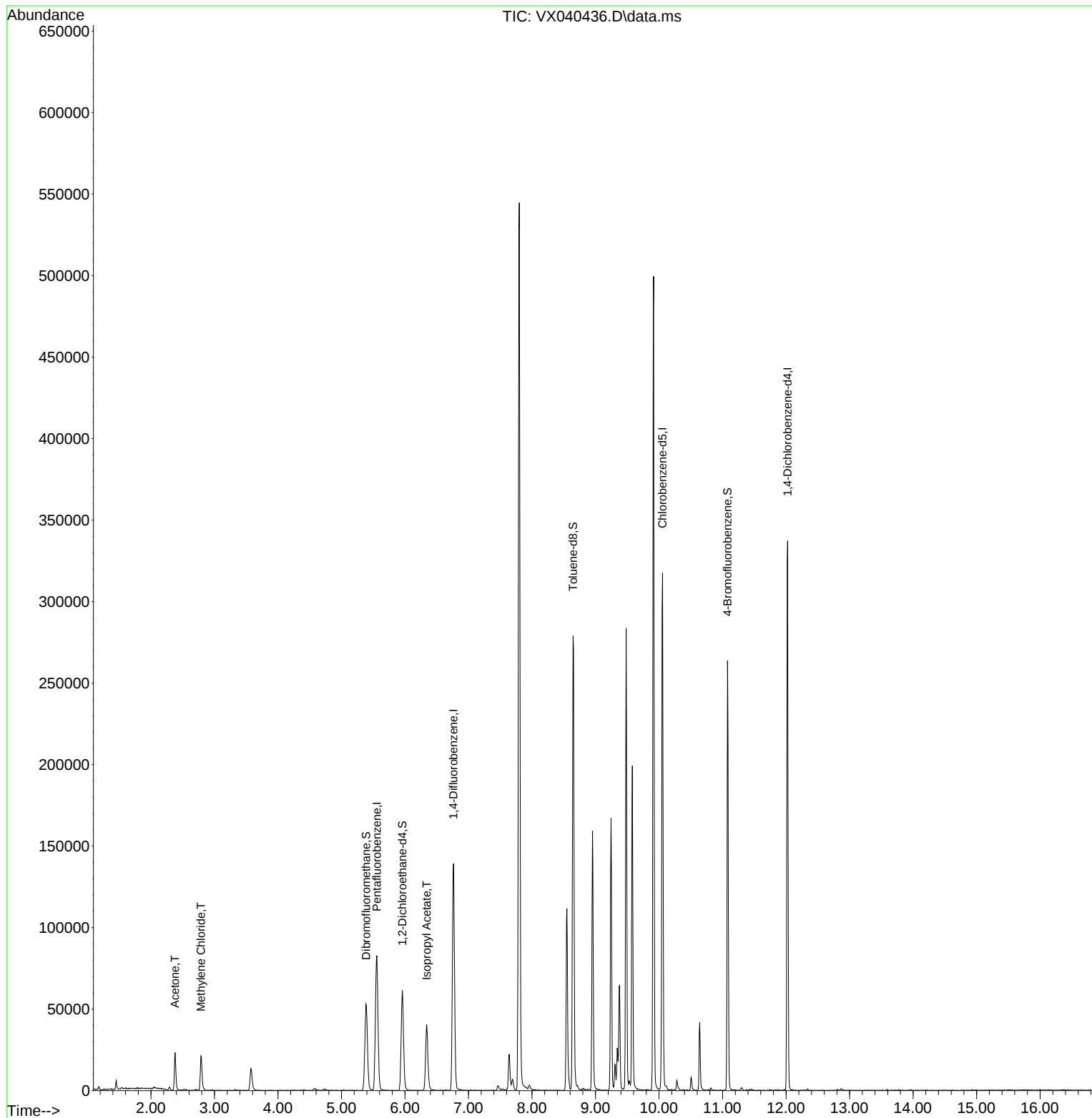
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 73604    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 131184   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 131459   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 65803    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 59674    | 49.782   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 99.560%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 44414    | 50.241   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 100.480% |
| 50) Toluene-d8              | 8.647  | 98    | 166543   | 52.156   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 104.320% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 66650    | 52.089   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 104.180% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.379  | 43    | 24304    | 48.660   | ug/l   | 95       |
| 20) Methylene Chloride      | 2.788  | 84    | 9600     | 9.180    | ug/l   | 97       |
| 43) Isopropyl Acetate       | 6.342  | 43    | 54246    | 22.618   | ug/l   | 98       |
| -----                       |        |       |          |          |        |          |

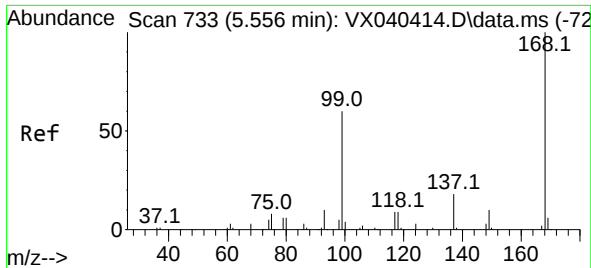
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Fri Feb 23 06:47:29 2024  
Response via : Initial Calibration

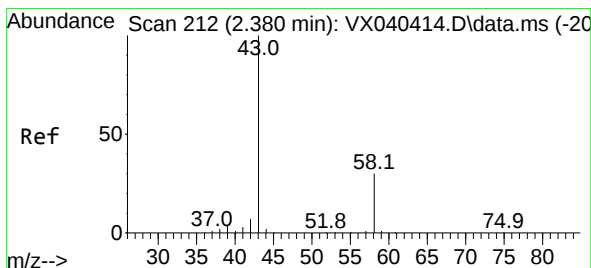
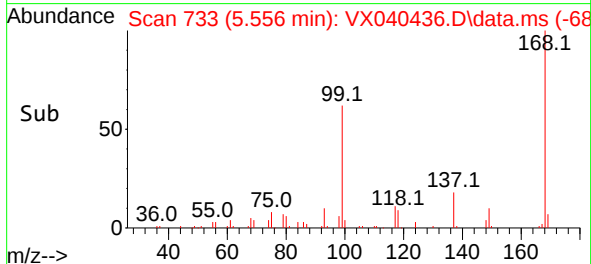
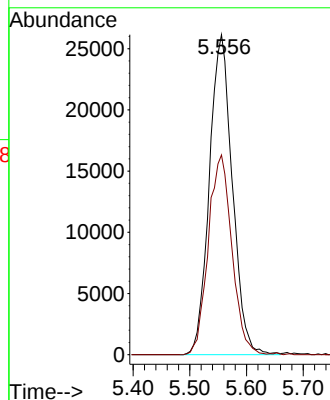
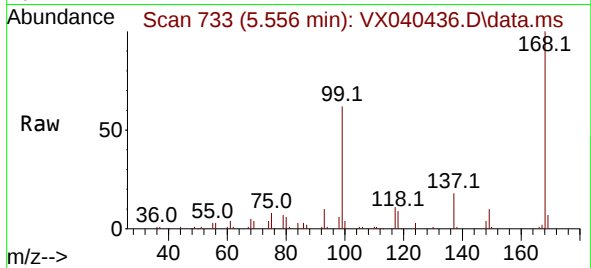




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX040436.D  
Acq: 23 Feb 2024 16:55

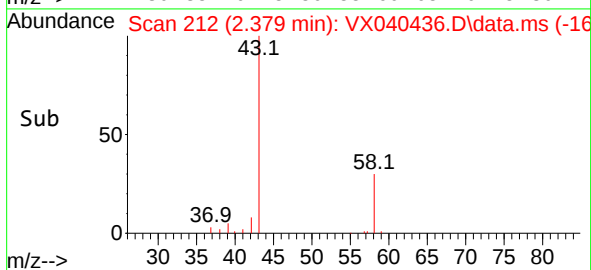
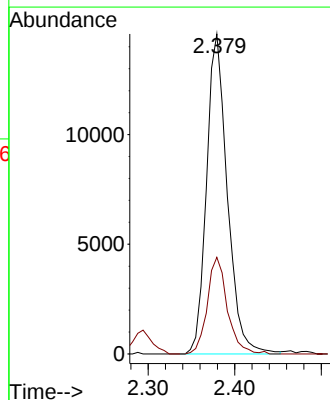
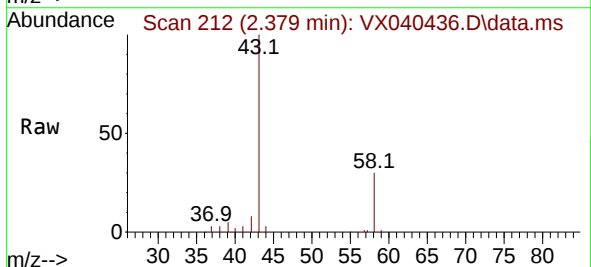
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB159217ZHE#06

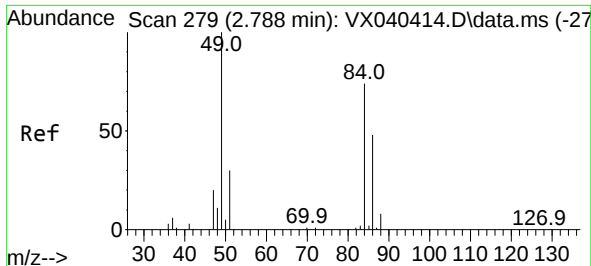
Tgt Ion:168 Resp: 73604  
Ion Ratio Lower Upper  
168 100  
99 62.4 56.6 85.0



#16  
Acetone  
Concen: 48.660 ug/l  
RT: 2.379 min Scan# 212  
Delta R.T. -0.000 min  
Lab File: VX040436.D  
Acq: 23 Feb 2024 16:55

Tgt Ion: 43 Resp: 24304  
Ion Ratio Lower Upper  
43 100  
58 30.2 21.9 32.9

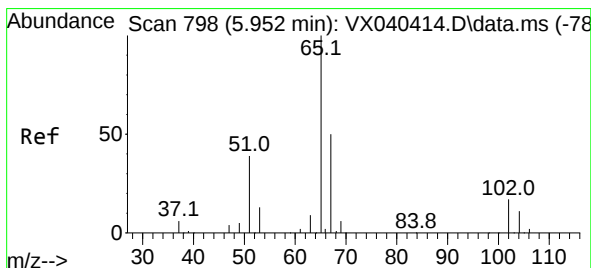
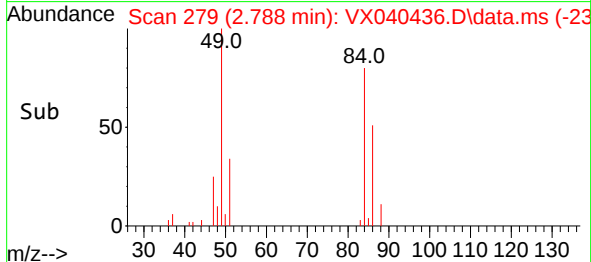
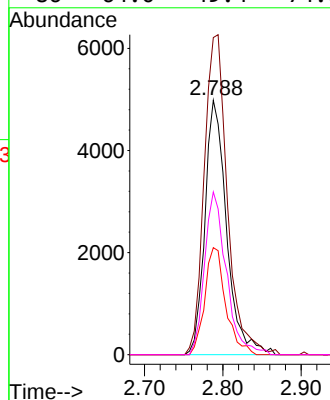
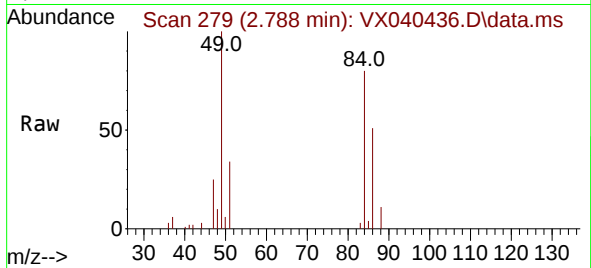




#20  
Methylene Chloride  
Concen: 9.180 ug/l  
RT: 2.788 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX040436.D  
Acq: 23 Feb 2024 16:55

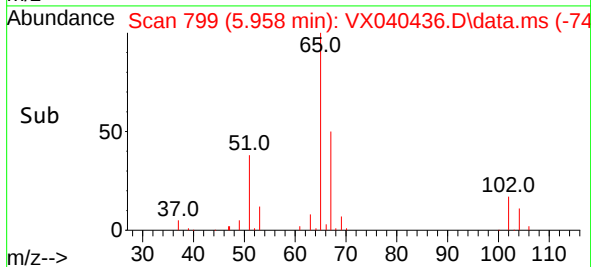
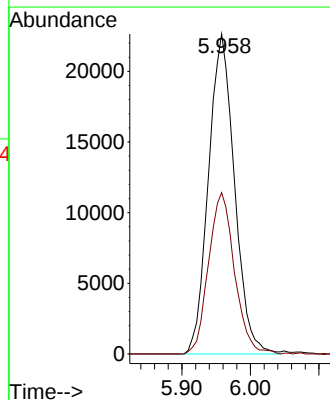
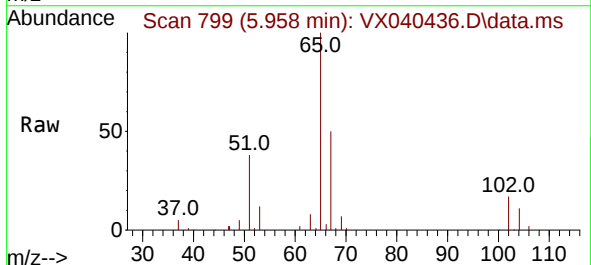
Instrument :  
MSVOA\_X  
ClientSampleId :  
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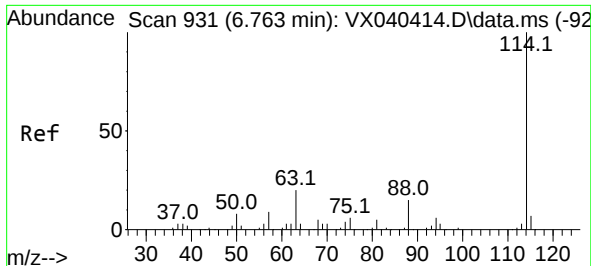
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 9600  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 124.7 | 103.6 | 155.4 |
| 51       | 42.1  | 33.8  | 50.6  |
| 86       | 64.0  | 49.4  | 74.0  |



#33  
1,2-Dichloroethane-d4  
Concen: 49.782 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.006 min  
Lab File: VX040436.D  
Acq: 23 Feb 2024 16:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 65    | Resp: | 59674 |
| Ion      | Ratio | Lower | Upper |
| 65       | 100   |       |       |
| 67       | 50.3  | 0.0   | 100.2 |

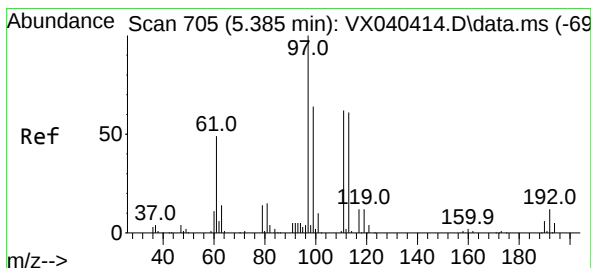
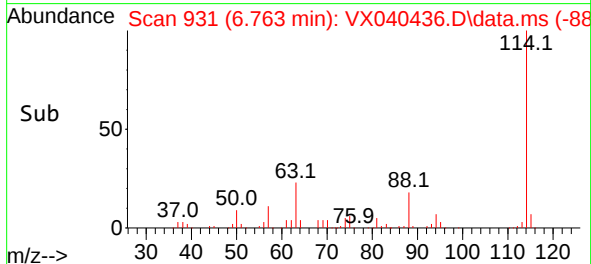
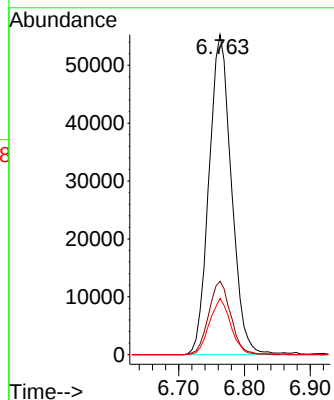
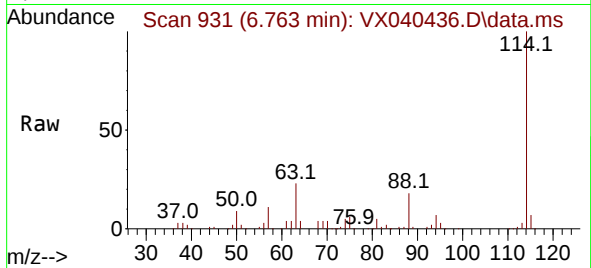




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: VX040436.D  
Acq: 23 Feb 2024 16:55

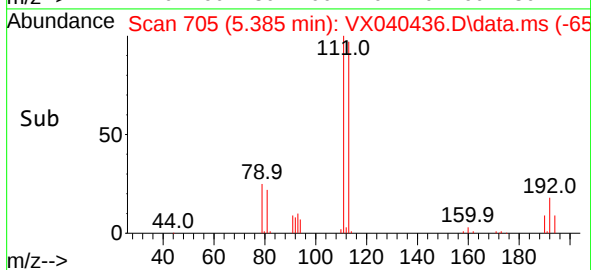
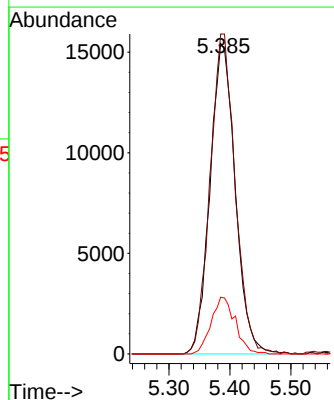
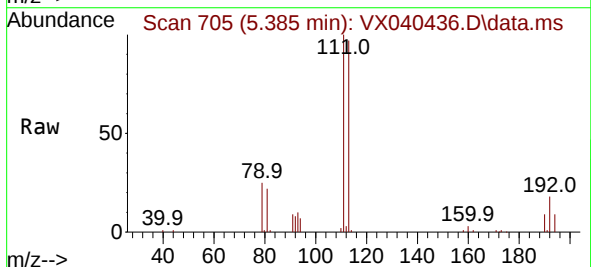
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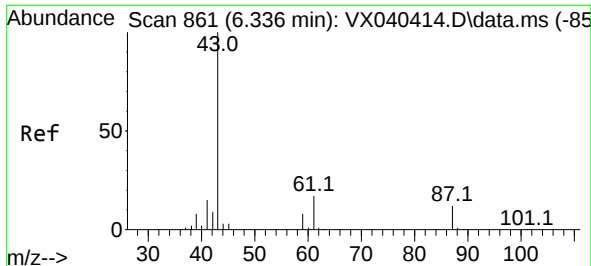
Tgt Ion:114 Resp: 131184  
Ion Ratio Lower Upper  
114 100  
63 22.9 0.0 45.0  
88 17.6 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 50.241 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX040436.D  
Acq: 23 Feb 2024 16:55

Tgt Ion:113 Resp: 44414  
Ion Ratio Lower Upper  
113 100  
111 102.2 82.9 124.3  
192 17.5 13.3 19.9

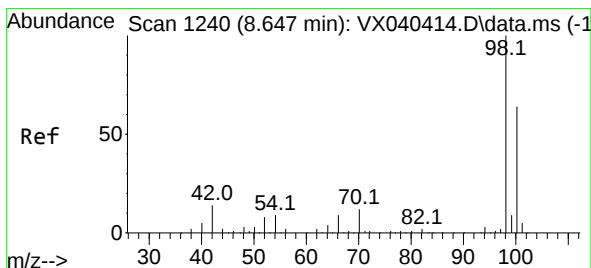
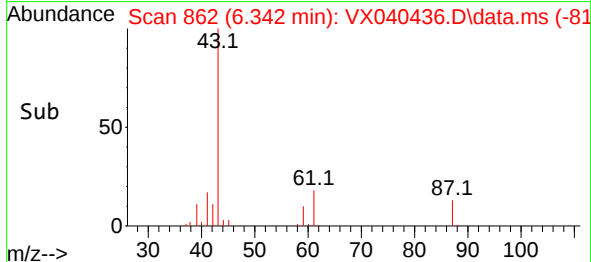
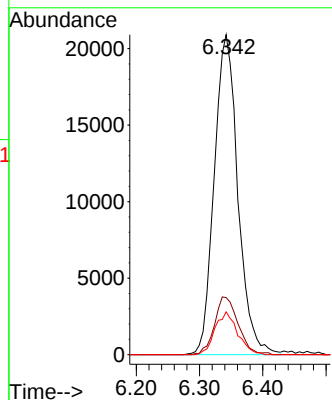
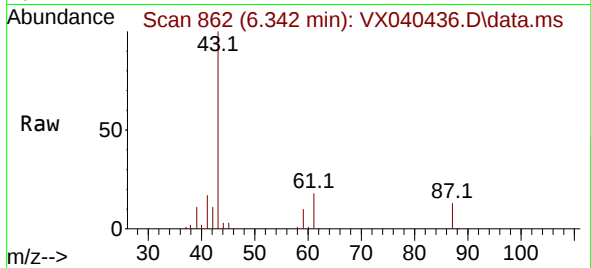




#43  
Isopropyl Acetate  
Concen: 22.618 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. 0.006 min  
Lab File: VX040436.D  
Acq: 23 Feb 2024 16:55

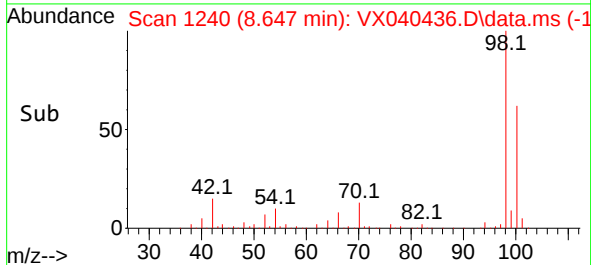
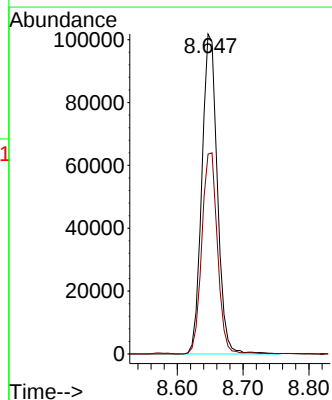
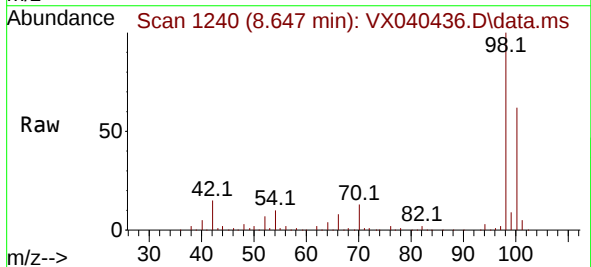
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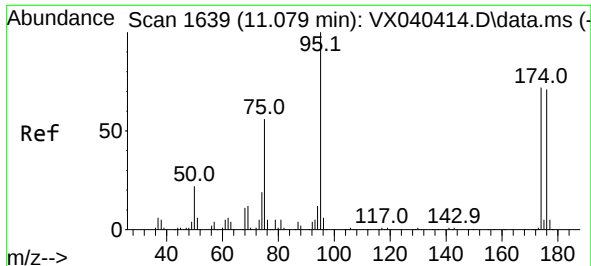
Tgt Ion: 43 Resp: 54246  
Ion Ratio Lower Upper  
43 100  
61 18.0 15.2 22.8  
87 12.8 9.8 14.6



#50  
Toluene-d8  
Concen: 52.156 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX040436.D  
Acq: 23 Feb 2024 16:55

Tgt Ion: 98 Resp: 166543  
Ion Ratio Lower Upper  
98 100  
100 63.8 53.1 79.7

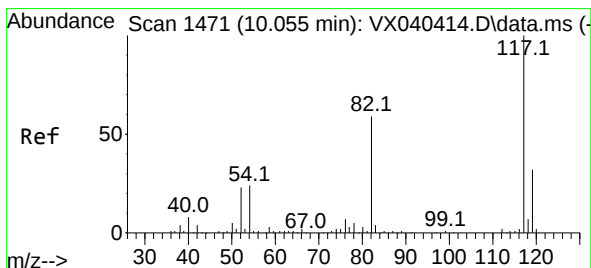
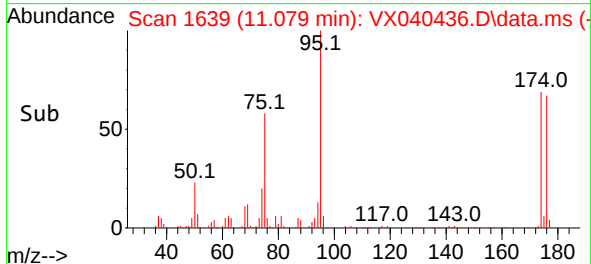
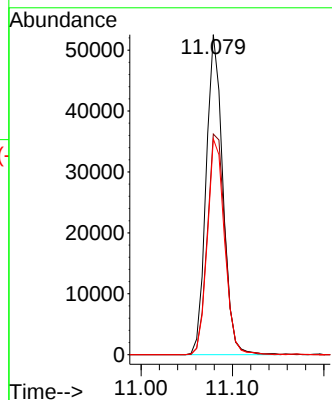
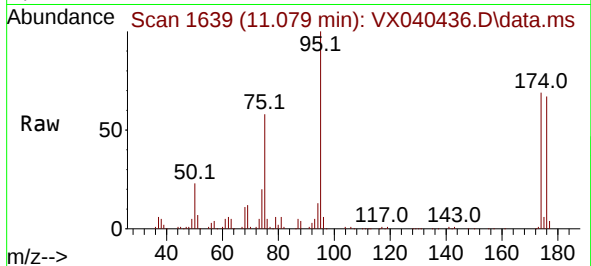




#62  
4-Bromofluorobenzene  
Concen: 52.089 ug/l  
RT: 11.079 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX040436.D  
Acq: 23 Feb 2024 16:55

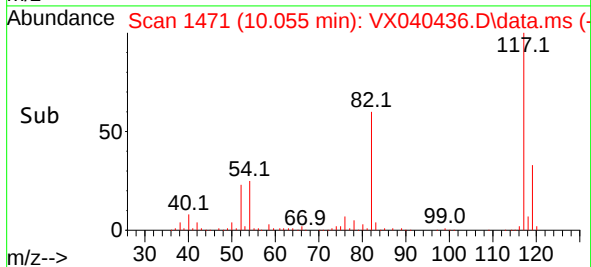
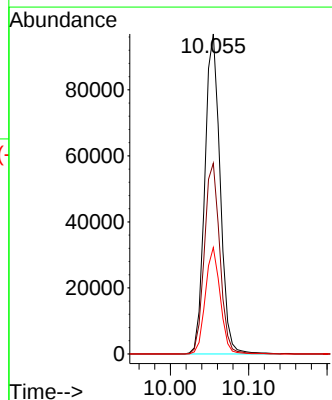
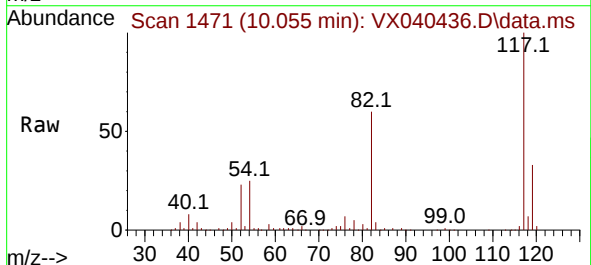
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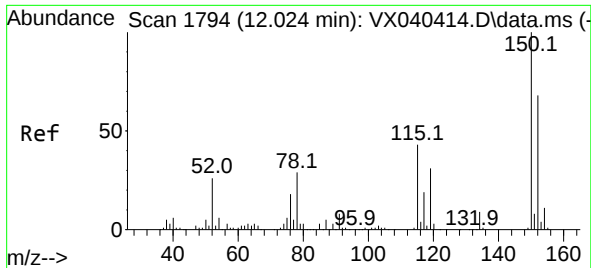
Tgt Ion: 95 Resp: 66650  
Ion Ratio Lower Upper  
95 100  
174 73.4 0.0 135.6  
176 69.5 0.0 131.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX040436.D  
Acq: 23 Feb 2024 16:55

Tgt Ion: 117 Resp: 131459  
Ion Ratio Lower Upper  
117 100  
82 59.6 46.2 69.4  
119 33.3 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040436.D

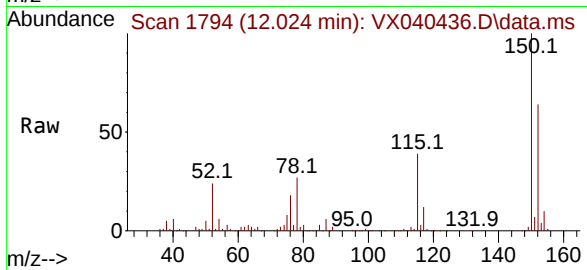
Acq: 23 Feb 2024 16:55

Instrument :

MSVOA\_X

ClientSampleId :

PB159217ZHE#06



Tgt Ion:152 Resp: 65803

Ion Ratio Lower Upper

152 100

115 62.4 43.3 129.9

150 155.1 0.0 345.0

