

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011923\  
 Data File : VX033796.D  
 Acq On : 19 Jan 2023 13:15  
 Operator : JC/MD  
 Sample : PB150330ZHE#04  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB150330ZHE#04

Quant Time: Jan 20 05:20:27 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011123W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 11 14:48:42 2023  
 Response via : Initial Calibration

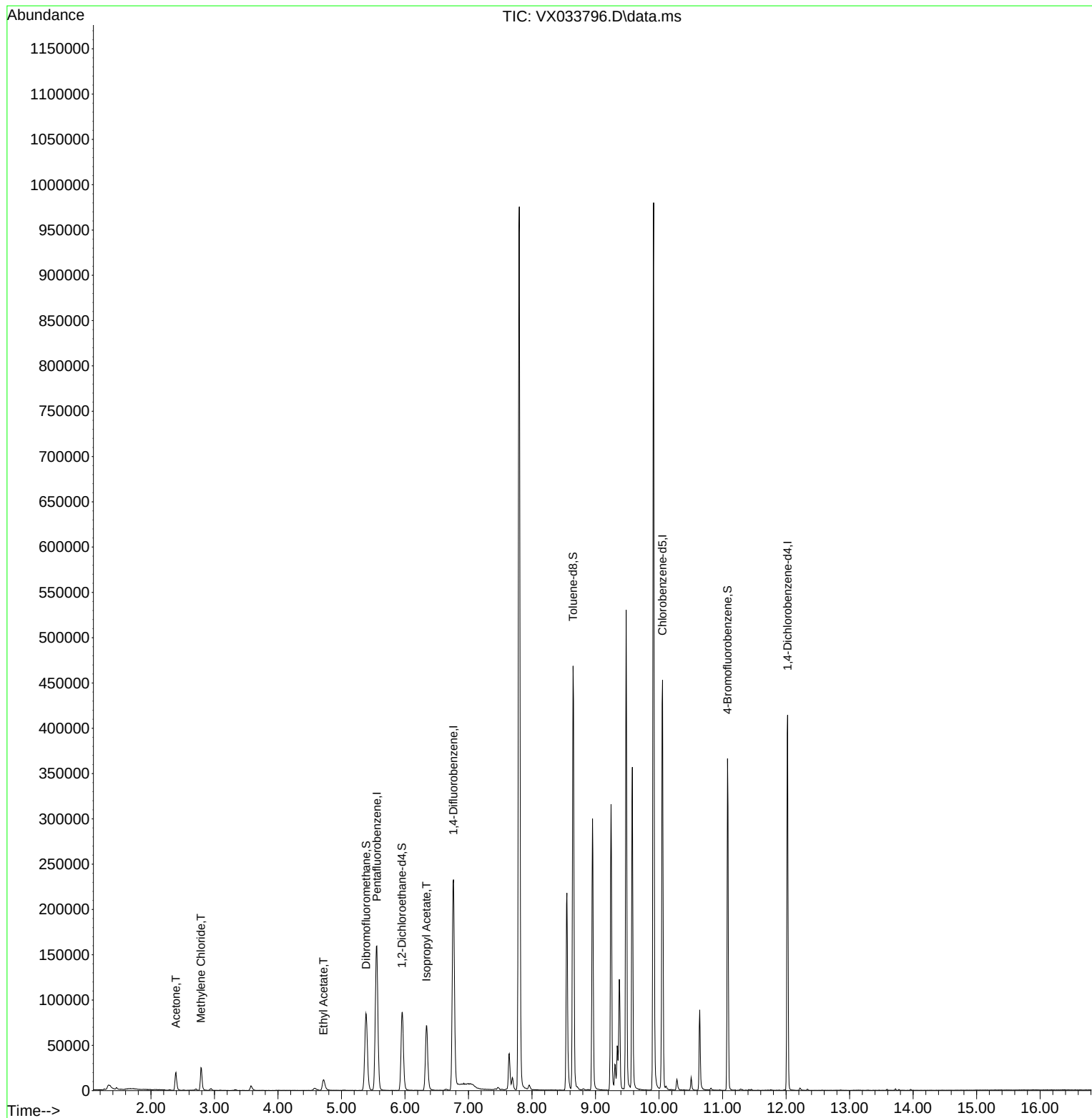
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 173019   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 250162   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 214590   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 95441    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 83429    | 45.797   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 91.600%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 75618    | 48.680   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 97.360%  |
| 50) Toluene-d8              | 8.647  | 98    | 283652   | 50.117   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 100.240% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 94199    | 44.828   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 89.660%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.392  | 43    | 24489    | 25.884   | ug/l   | 91       |
| 20) Methylene Chloride      | 2.788  | 84    | 12251    | 5.505    | ug/l   | 94       |
| 37) Ethyl Acetate           | 4.715  | 43    | 22726    | 8.111    | ug/l   | 100      |
| 43) Isopropyl Acetate       | 6.336  | 43    | 99456    | 27.789   | ug/l   | 98       |
| -----                       |        |       |          |          |        |          |

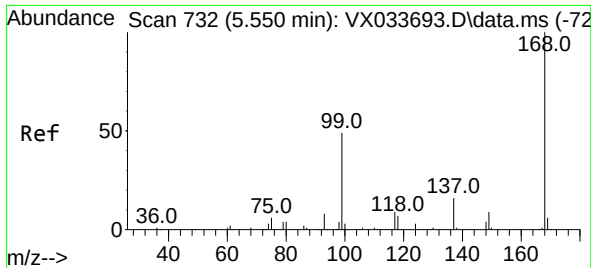
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011123W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jan 11 14:48:42 2023  
Response via : Initial Calibration

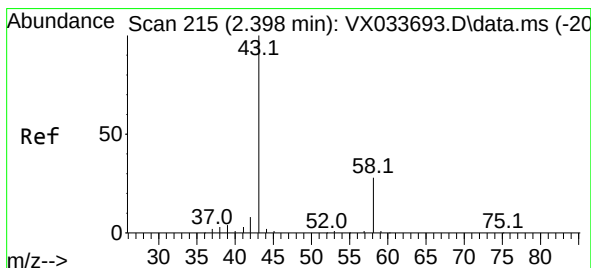
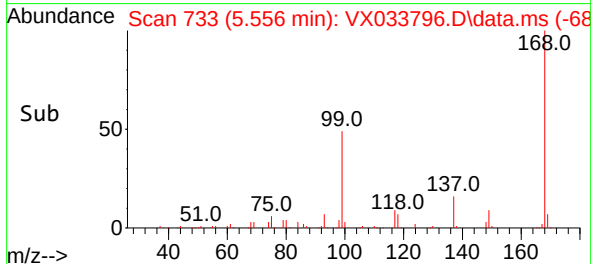
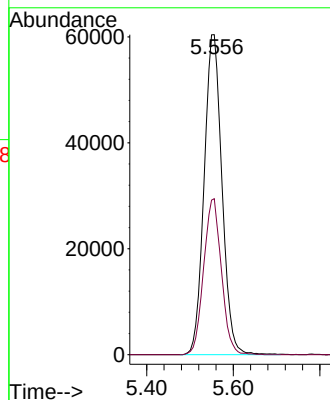
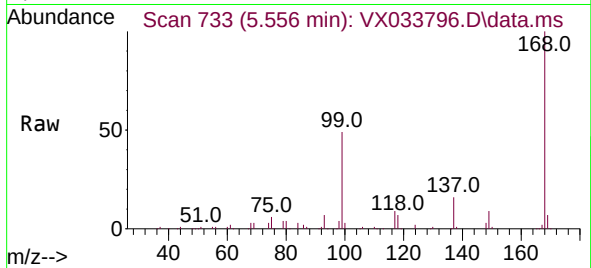




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX033796.D  
Acq: 19 Jan 2023 13:15

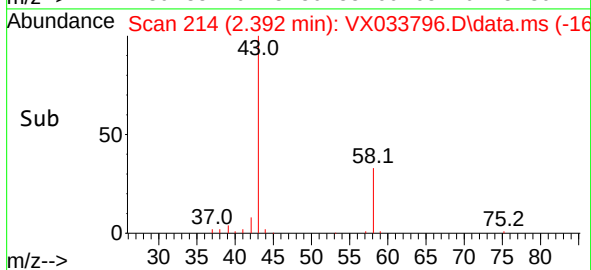
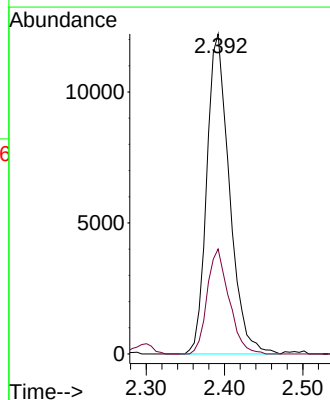
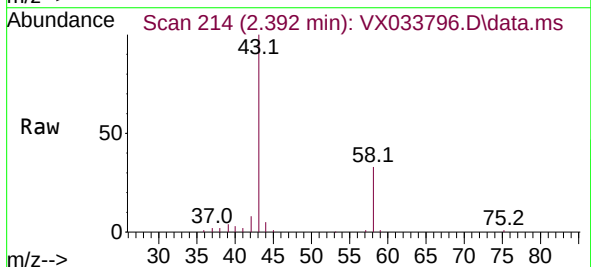
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB150330ZHE#04

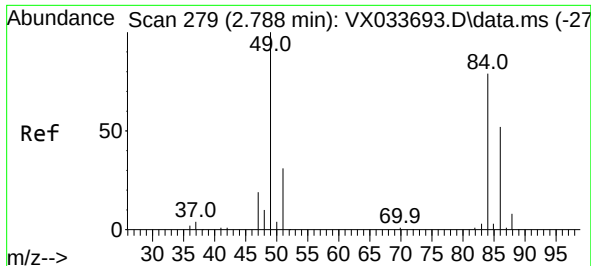
Tgt Ion:168 Resp: 173019  
Ion Ratio Lower Upper  
168 100  
99 48.8 39.6 59.4



#16  
Acetone  
Concen: 25.884 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. -0.006 min  
Lab File: VX033796.D  
Acq: 19 Jan 2023 13:15

Tgt Ion: 43 Resp: 24489  
Ion Ratio Lower Upper  
43 100  
58 32.8 22.6 33.8

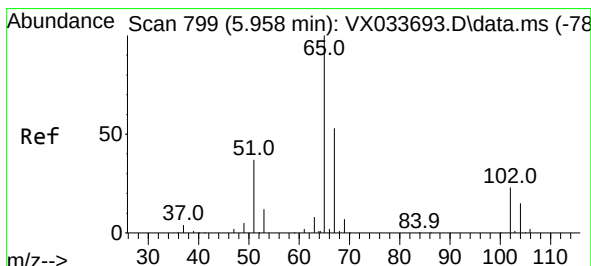
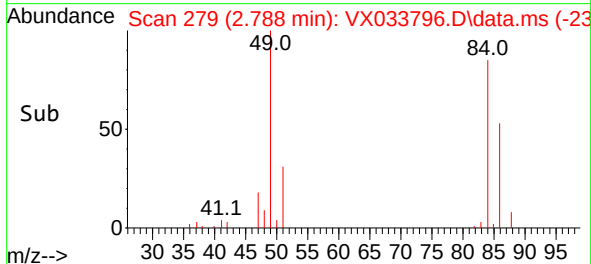
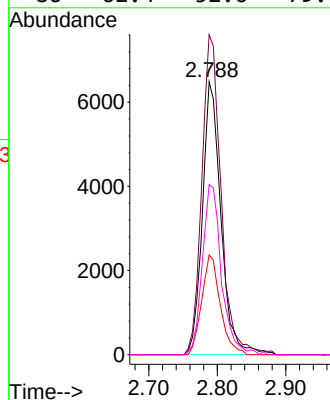
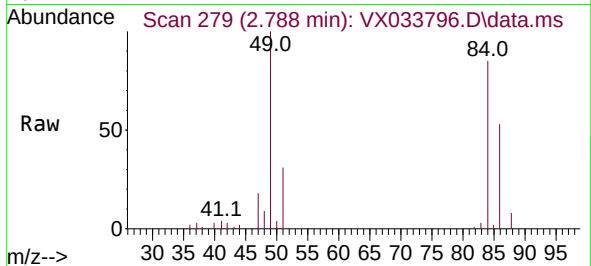




#20  
Methylene Chloride  
Concen: 5.505 ug/l  
RT: 2.788 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX033796.D  
Acq: 19 Jan 2023 13:15

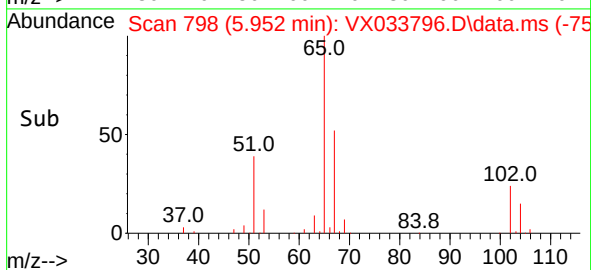
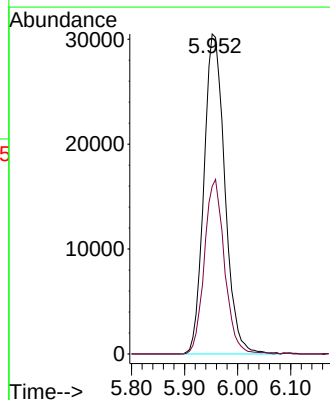
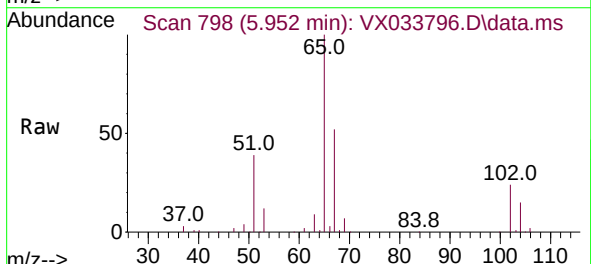
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB150330ZHE#04

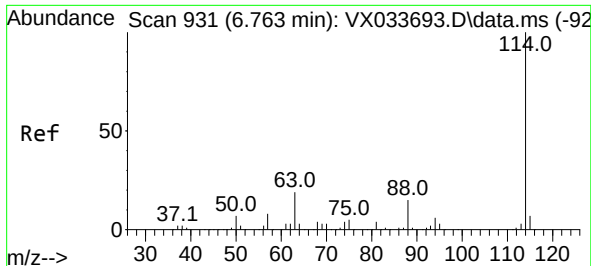
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 12251 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 117.2 | 101.1 | 151.7 |
| 51       | 36.6  | 31.0  | 46.6  |
| 86       | 62.4  | 52.6  | 79.0  |



#33  
1,2-Dichloroethane-d4  
Concen: 45.797 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.006 min  
Lab File: VX033796.D  
Acq: 19 Jan 2023 13:15

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 65    | Resp: | 83429 |
| Ion      | Ratio | Lower | Upper |
| 65       | 100   |       |       |
| 67       | 52.5  | 0.0   | 104.8 |

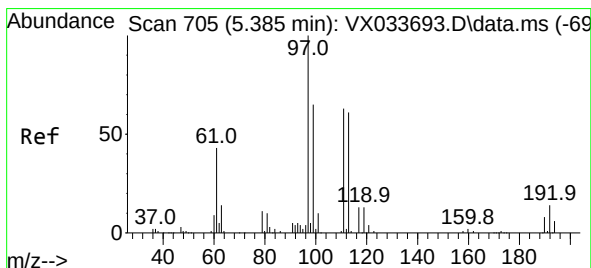
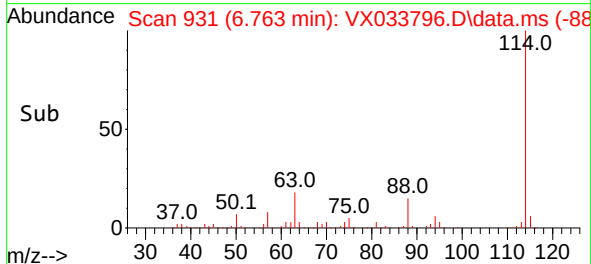
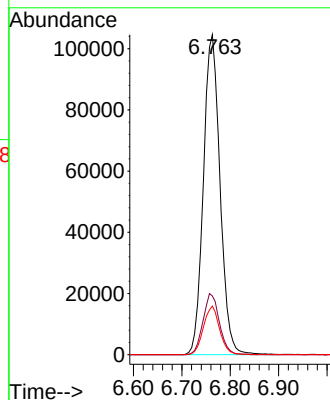
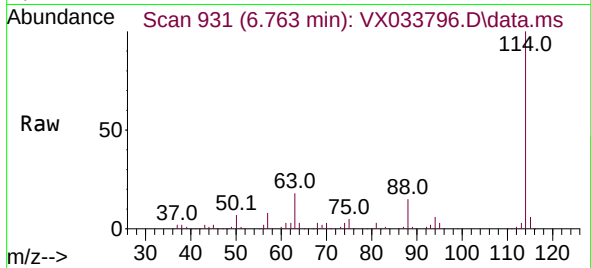




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX033796.D  
Acq: 19 Jan 2023 13:15

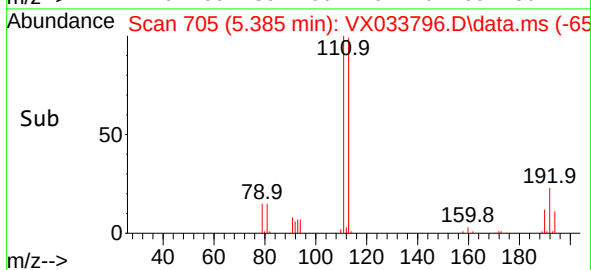
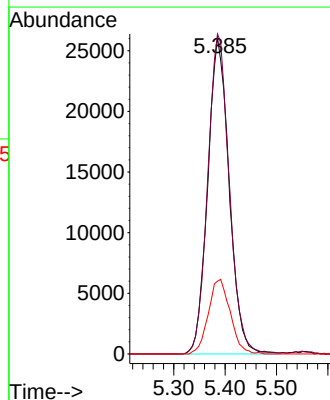
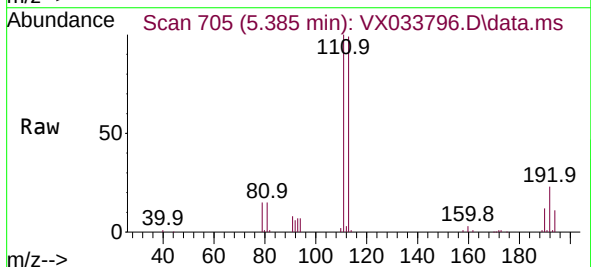
Instrument :  
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ClientSampleId :  
PB150330ZHE#04

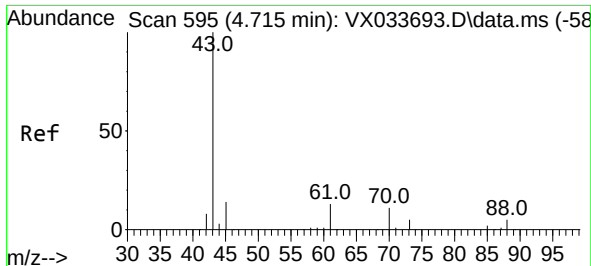
Tgt Ion:114 Resp: 250162  
Ion Ratio Lower Upper  
114 100  
63 18.4 0.0 37.4  
88 15.2 0.0 30.6



#35  
Dibromofluoromethane  
Concen: 48.680 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX033796.D  
Acq: 19 Jan 2023 13:15

Tgt Ion:113 Resp: 75618  
Ion Ratio Lower Upper  
113 100  
111 101.7 83.0 124.6  
192 24.1 19.0 28.4

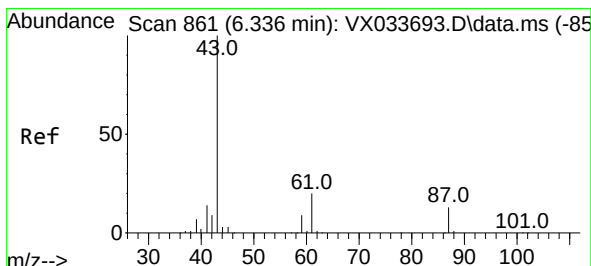
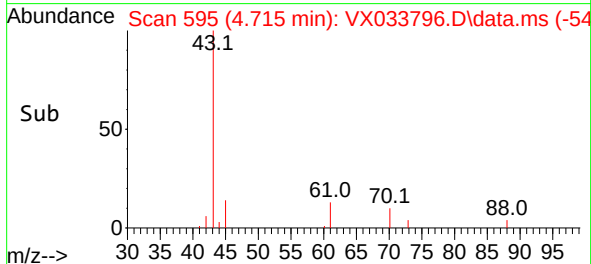
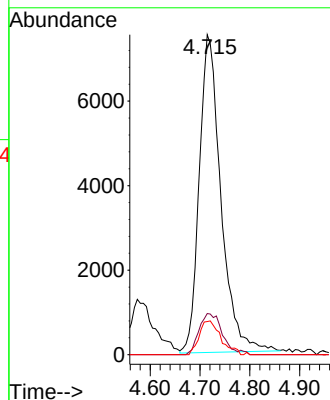
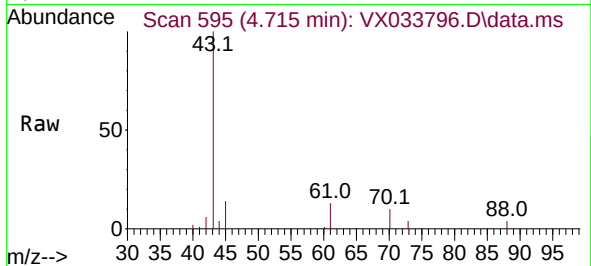




#37  
Ethyl Acetate  
Concen: 8.111 ug/l  
RT: 4.715 min Scan# 595  
Delta R.T. -0.000 min  
Lab File: VX033796.D  
Acq: 19 Jan 2023 13:15

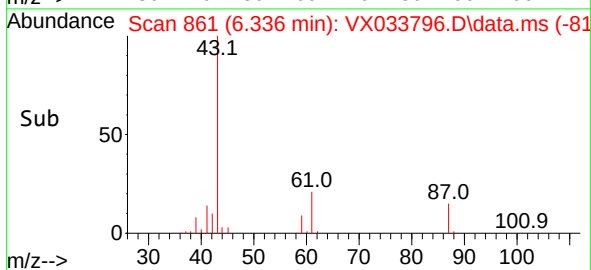
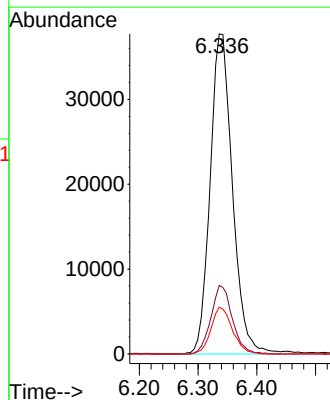
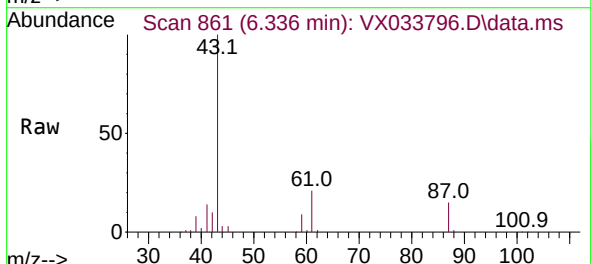
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB150330ZHE#04

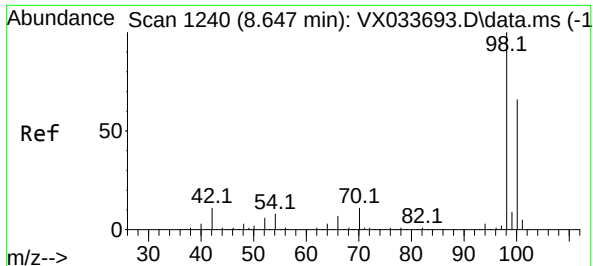
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 22726 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 14.0  | 11.1  | 16.7  |
| 70       | 10.6  | 8.5   | 12.7  |



#43  
Isopropyl Acetate  
Concen: 27.789 ug/l  
RT: 6.336 min Scan# 861  
Delta R.T. -0.000 min  
Lab File: VX033796.D  
Acq: 19 Jan 2023 13:15

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 99456 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 20.5  | 15.7  | 23.5  |
| 87       | 14.0  | 10.6  | 15.8  |

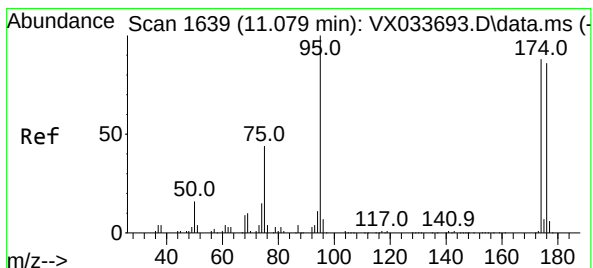
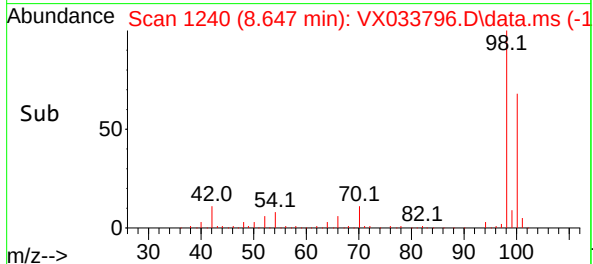
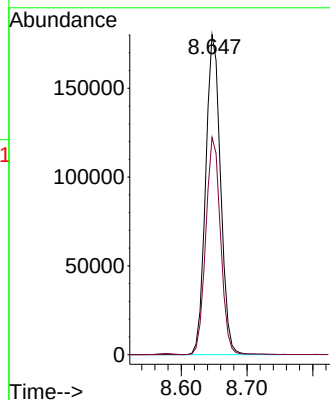
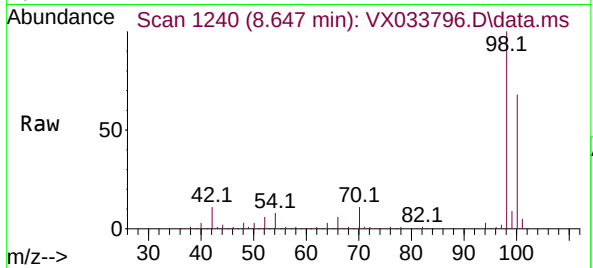




#50  
Toluene-d8  
Concen: 50.117 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX033796.D  
Acq: 19 Jan 2023 13:15

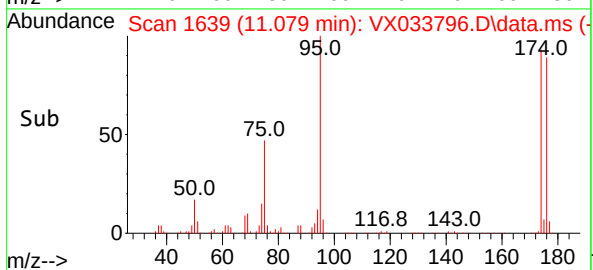
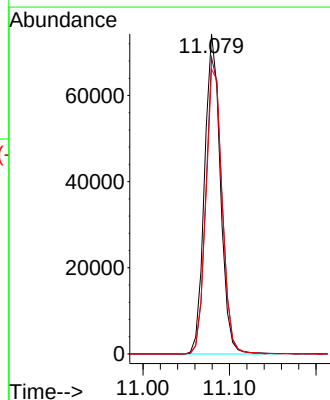
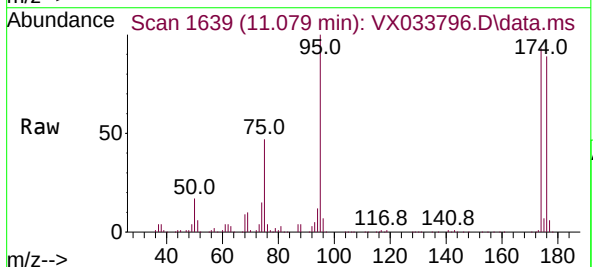
Instrument :  
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PB150330ZHE#04

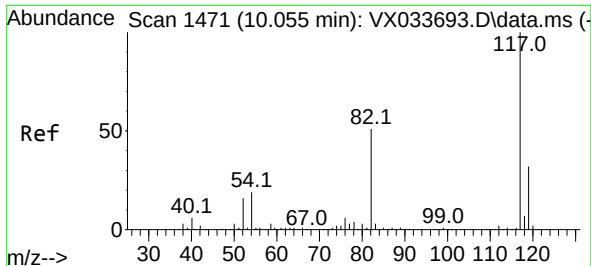
Tgt Ion: 98 Resp: 283652  
Ion Ratio Lower Upper  
98 100  
100 67.4 53.6 80.4



#62  
4-Bromofluorobenzene  
Concen: 44.828 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX033796.D  
Acq: 19 Jan 2023 13:15

Tgt Ion: 95 Resp: 94199  
Ion Ratio Lower Upper  
95 100  
174 93.5 0.0 184.4  
176 92.3 0.0 178.8

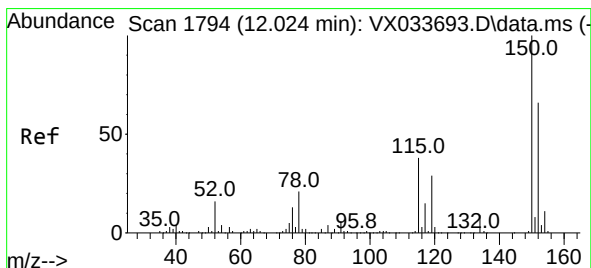
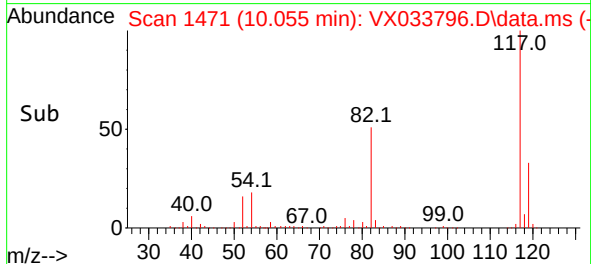
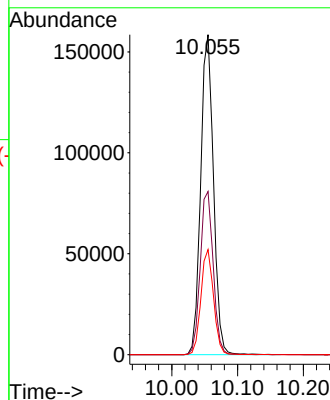
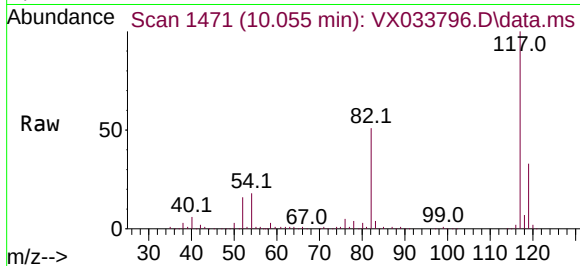




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX033796.D  
Acq: 19 Jan 2023 13:15

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB150330ZHE#04

Tgt Ion:117 Resp: 214590  
Ion Ratio Lower Upper  
117 100  
82 51.0 40.6 60.8  
119 32.9 25.6 38.4



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VX033796.D  
Acq: 19 Jan 2023 13:15

Tgt Ion:152 Resp: 95441  
Ion Ratio Lower Upper  
152 100  
115 54.3 38.7 116.1  
150 158.4 0.0 348.2

