

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031723\  
 Data File : VX034597.D  
 Acq On : 17 Mar 2023 20:17  
 Operator : JC/MD  
 Sample : 01932-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 CE-86B-031423

Quant Time: Mar 20 00:08:48 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031023W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Mar 13 10:29:32 2023  
 Response via : Initial Calibration

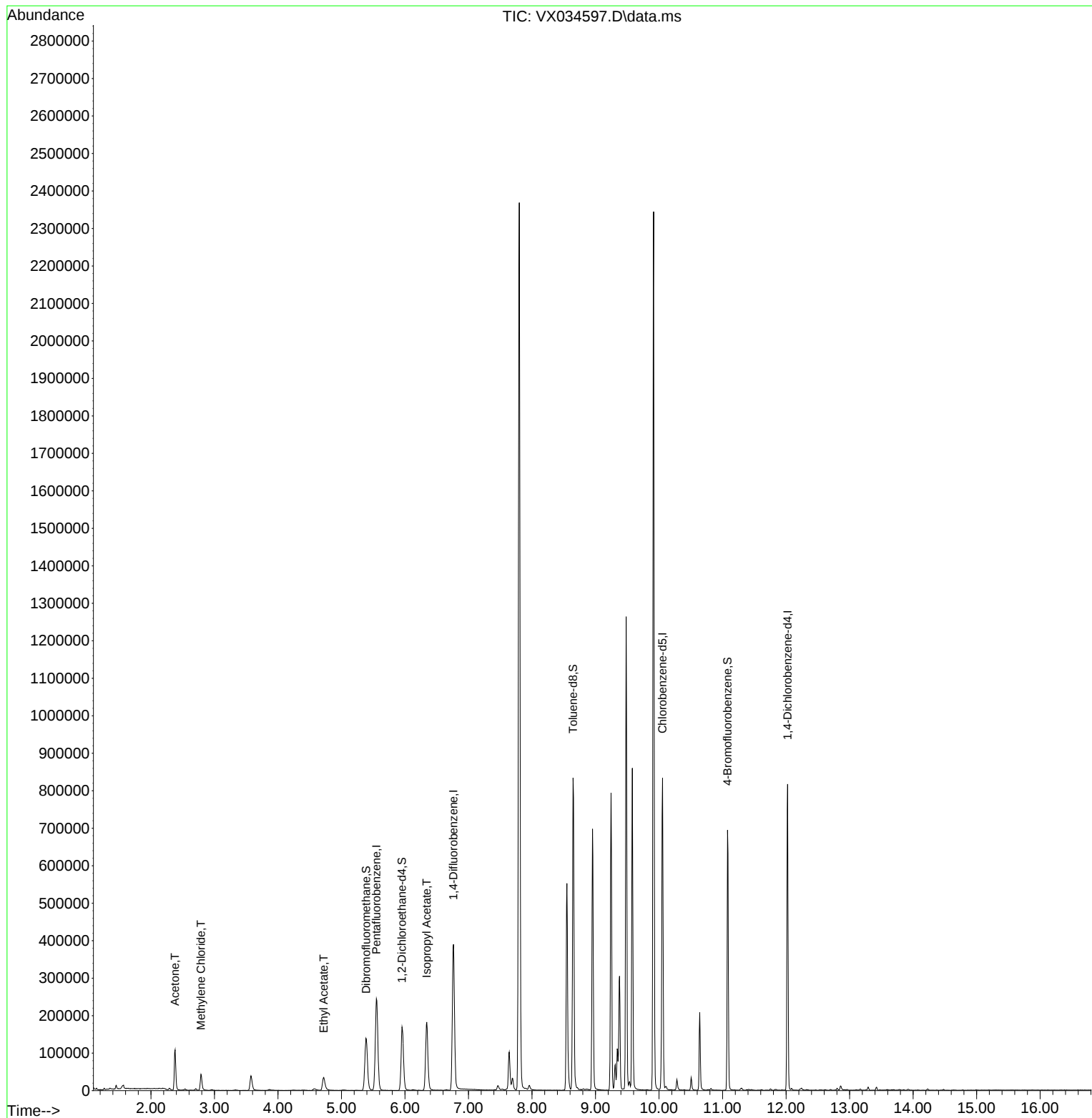
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 225888   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 389575   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 349541   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 158967   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 157028   | 47.784   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 95.560%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 122725   | 47.713   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 95.420%  |
| 50) Toluene-d8              | 8.647  | 98    | 475890   | 49.561   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 99.120%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 179280   | 46.224   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 92.440%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.380  | 43    | 115115   | 74.365   | ug/l   | 99       |
| 20) Methylene Chloride      | 2.788  | 84    | 19267    | 6.413    | ug/l   | 92       |
| 37) Ethyl Acetate           | 4.721  | 43    | 62739    | 14.536   | ug/l   | 98       |
| 43) Isopropyl Acetate       | 6.342  | 43    | 252551   | 34.541   | ug/l   | 100      |
| -----                       |        |       |          |          |        |          |

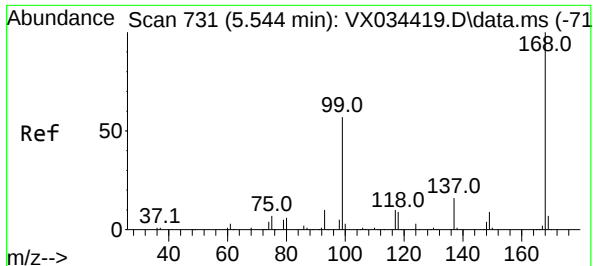
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031023W.M  
Quant Title : SW846 8260  
QLast Update : Mon Mar 13 10:29:32 2023  
Response via : Initial Calibration

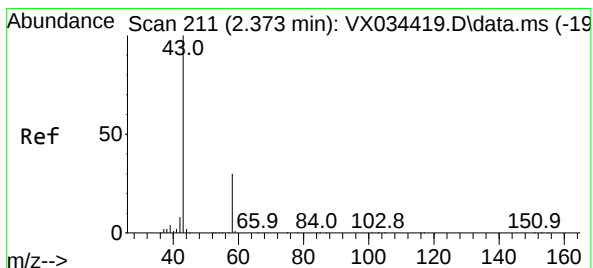
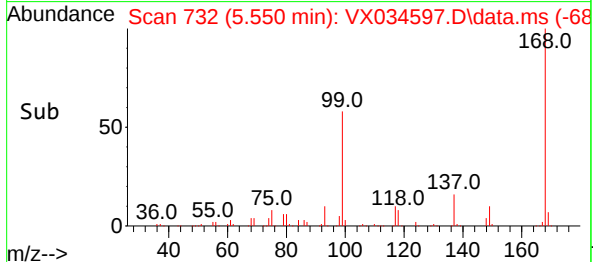
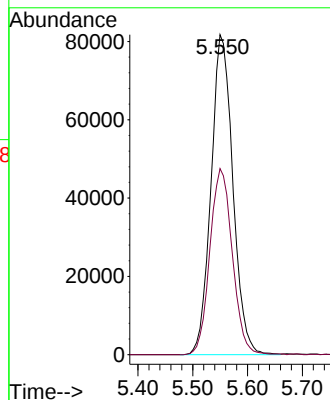
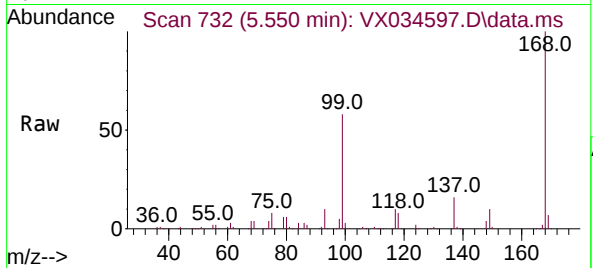




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX034597.D  
Acq: 17 Mar 2023 20:17

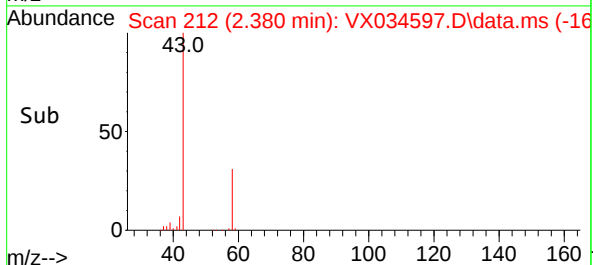
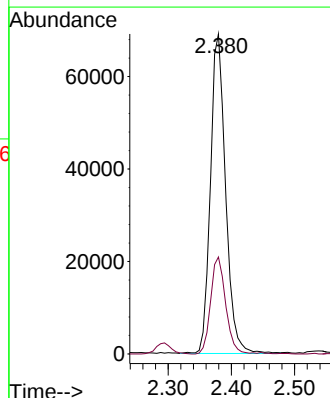
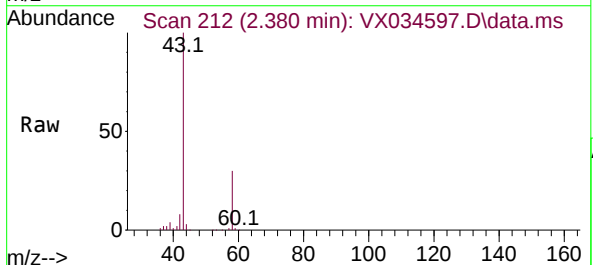
Instrument :  
MSVOA\_X  
ClientSampleId :  
CE-86B-031423

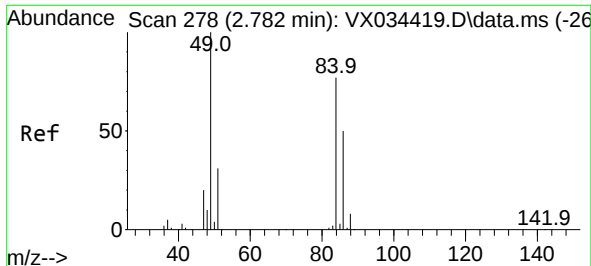
Tgt Ion:168 Resp: 225888  
Ion Ratio Lower Upper  
168 100  
99 58.1 45.7 68.5



#16  
Acetone  
Concen: 74.365 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.006 min  
Lab File: VX034597.D  
Acq: 17 Mar 2023 20:17

Tgt Ion: 43 Resp: 115115  
Ion Ratio Lower Upper  
43 100  
58 30.2 24.7 37.1



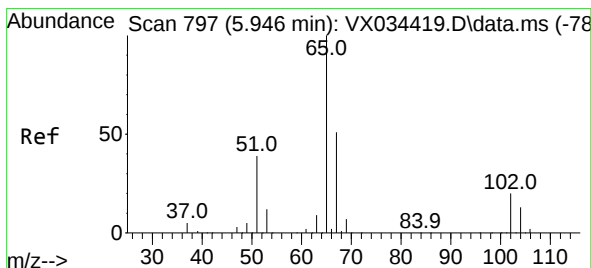
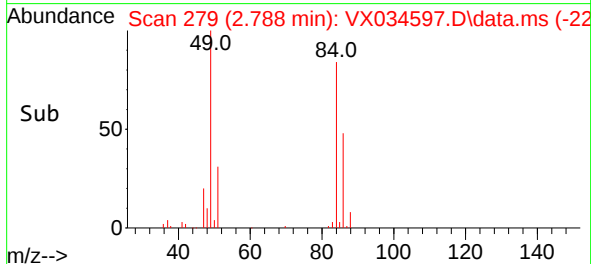
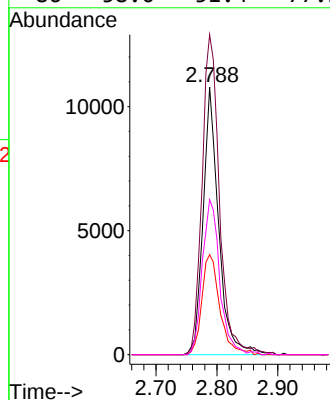
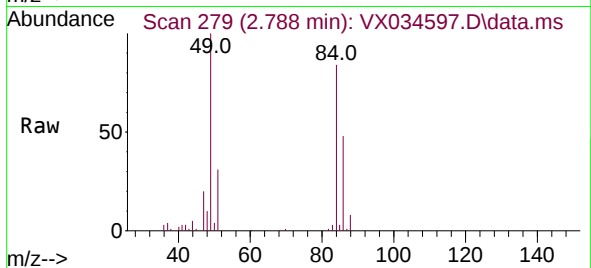


#20  
Methylene Chloride  
Concen: 6.413 ug/l  
RT: 2.788 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX034597.D  
Acq: 17 Mar 2023 20:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
CE-86B-031423

Tgt Ion: 84 Resp: 19267

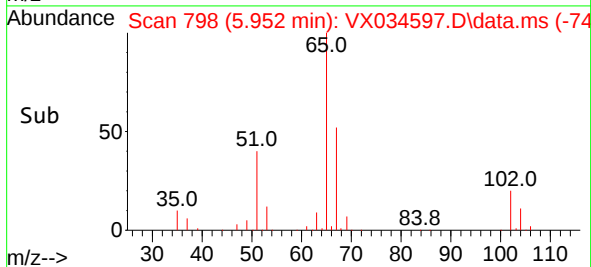
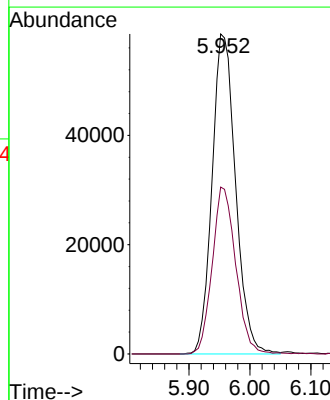
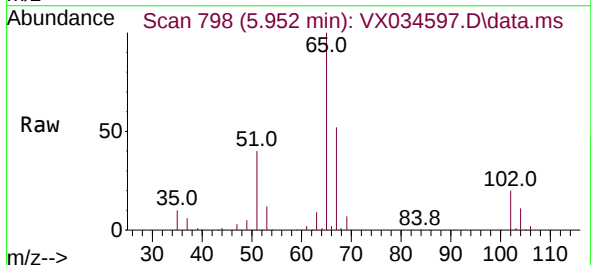
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 119.6 | 103.8 | 155.8 |
| 51  | 37.4  | 31.8  | 47.8  |
| 86  | 58.0  | 51.4  | 77.2  |

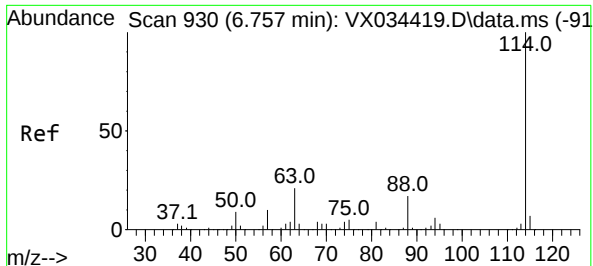


#33  
1,2-Dichloroethane-d4  
Concen: 47.784 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. 0.006 min  
Lab File: VX034597.D  
Acq: 17 Mar 2023 20:17

Tgt Ion: 65 Resp: 157028

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 52.1  | 0.0   | 104.0 |

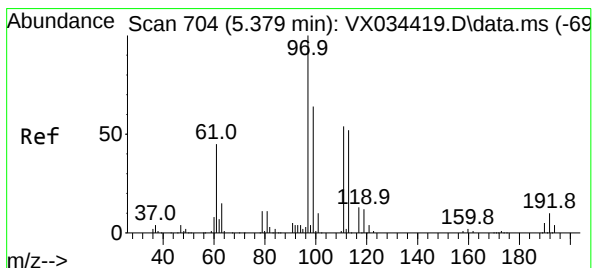
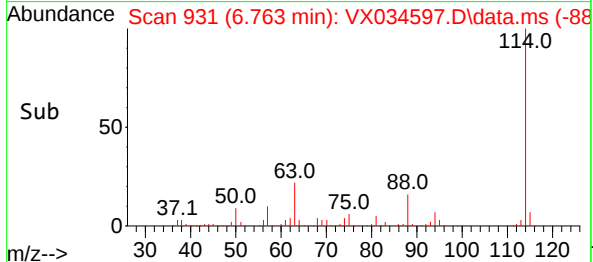
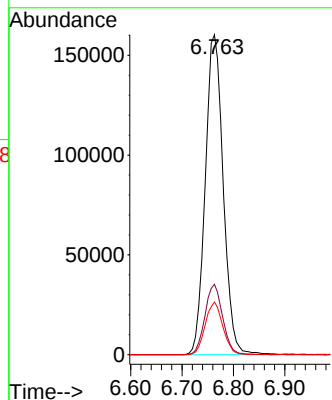
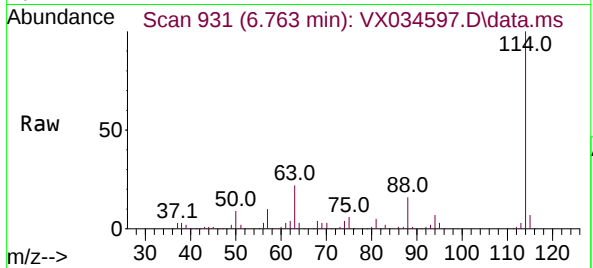




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VX034597.D  
Acq: 17 Mar 2023 20:17

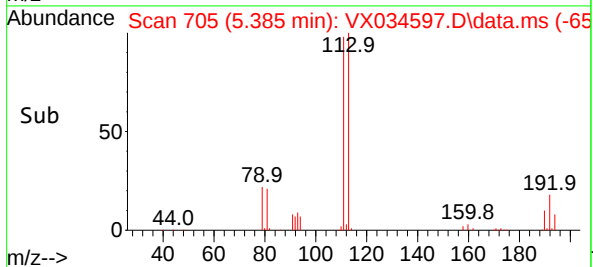
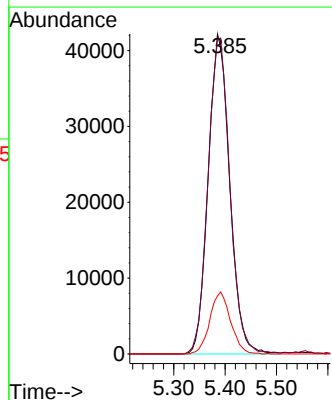
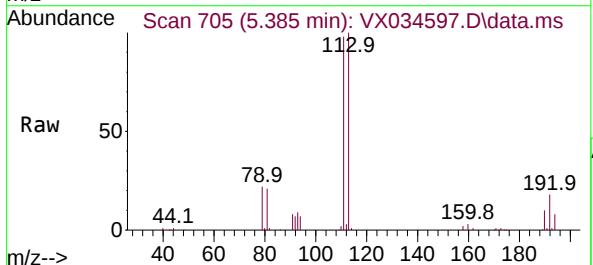
Instrument :  
MSVOA\_X  
ClientSampleId :  
CE-86B-031423

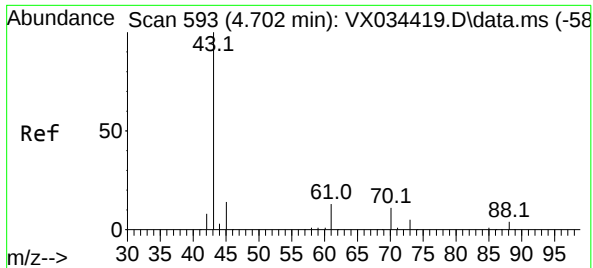
Tgt Ion:114 Resp: 389575  
Ion Ratio Lower Upper  
114 100  
63 22.0 0.0 42.2  
88 16.5 0.0 33.2



#35  
Dibromofluoromethane  
Concen: 47.713 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX034597.D  
Acq: 17 Mar 2023 20:17

Tgt Ion:113 Resp: 122725  
Ion Ratio Lower Upper  
113 100  
111 100.8 83.7 125.5  
192 18.8 15.4 23.2

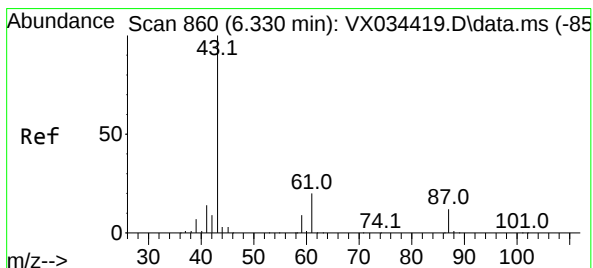
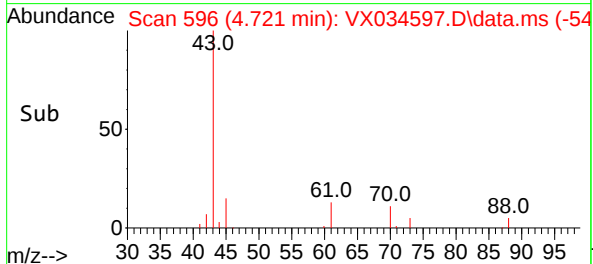
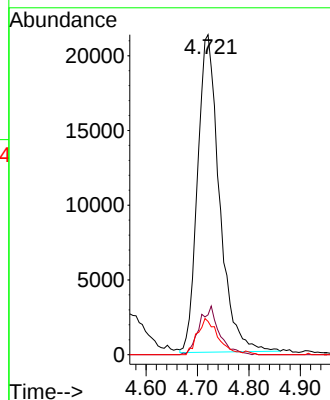
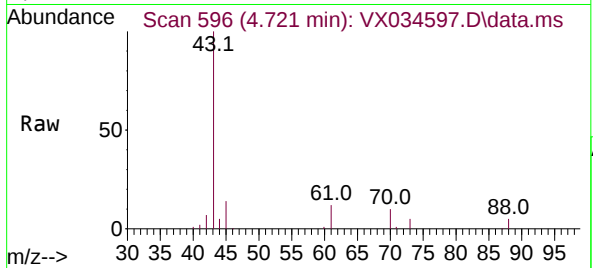




#37  
Ethyl Acetate  
Concen: 14.536 ug/l  
RT: 4.721 min Scan# 596  
Delta R.T. 0.018 min  
Lab File: VX034597.D  
Acq: 17 Mar 2023 20:17

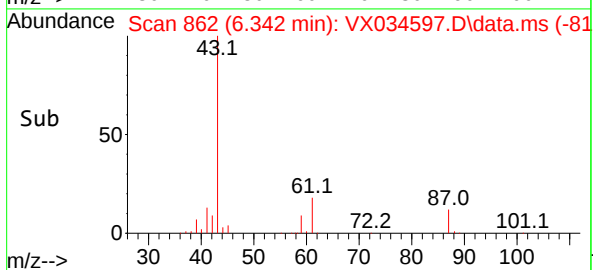
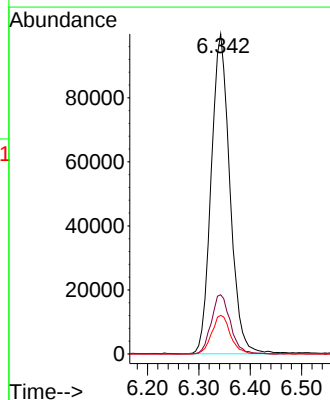
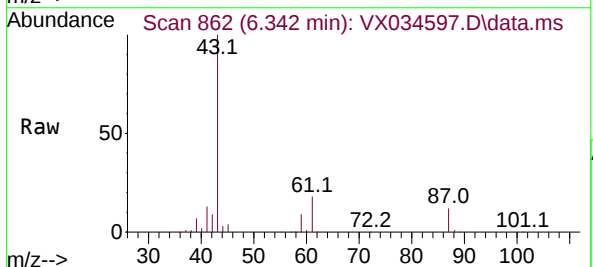
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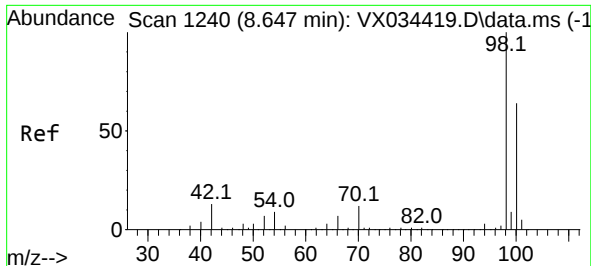
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 62739 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 13.9  | 10.2  | 15.4  |
| 70       | 10.7  | 8.2   | 12.4  |



#43  
Isopropyl Acetate  
Concen: 34.541 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. 0.012 min  
Lab File: VX034597.D  
Acq: 17 Mar 2023 20:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 252551 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 18.9  | 15.2  | 22.8   |
| 87       | 12.1  | 9.8   | 14.8   |

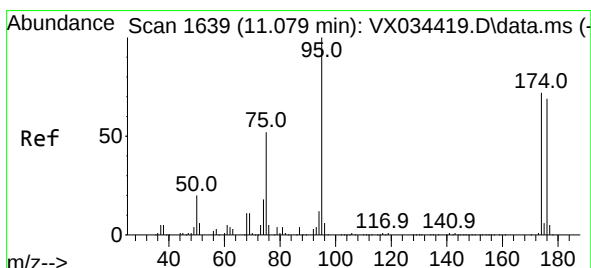
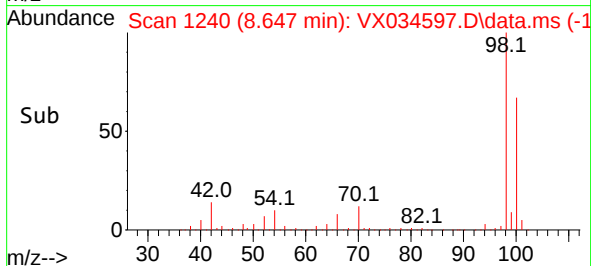
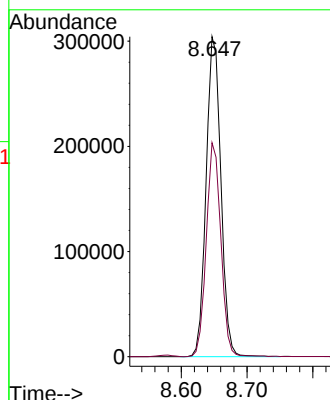
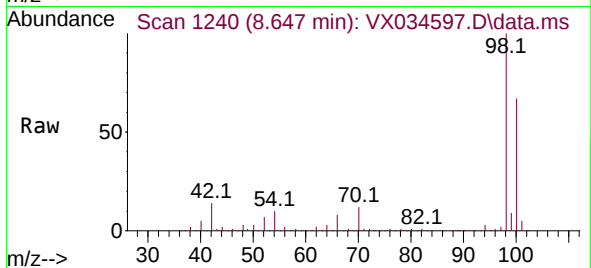




#50  
Toluene-d8  
Concen: 49.561 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX034597.D  
Acq: 17 Mar 2023 20:17

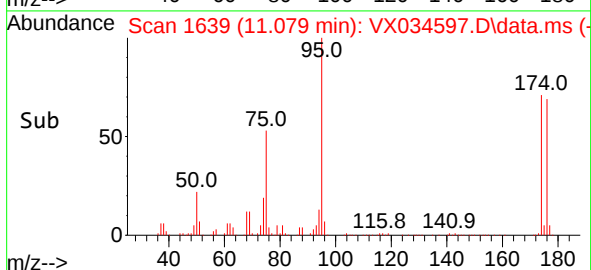
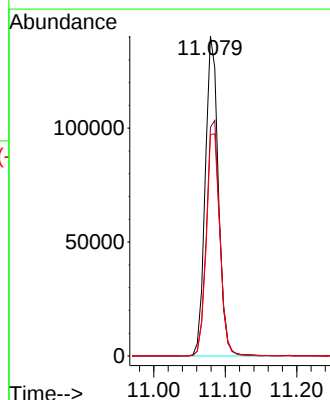
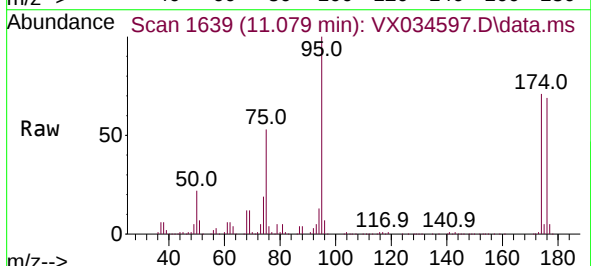
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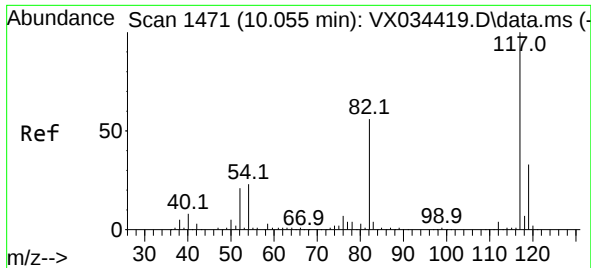
Tgt Ion: 98 Resp: 475890  
Ion Ratio Lower Upper  
98 100  
100 65.9 52.5 78.7



#62  
4-Bromofluorobenzene  
Concen: 46.224 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX034597.D  
Acq: 17 Mar 2023 20:17

Tgt Ion: 95 Resp: 179280  
Ion Ratio Lower Upper  
95 100  
174 75.1 0.0 147.4  
176 72.0 0.0 140.6

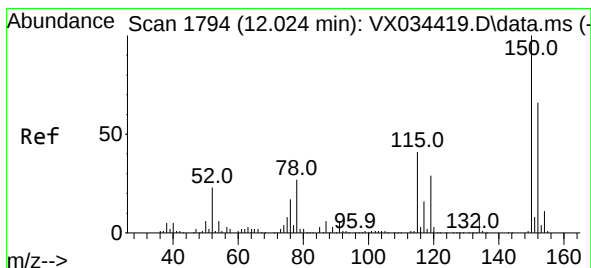
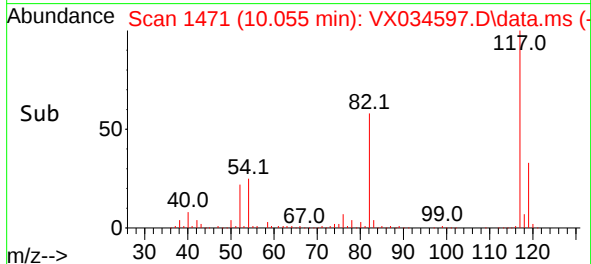
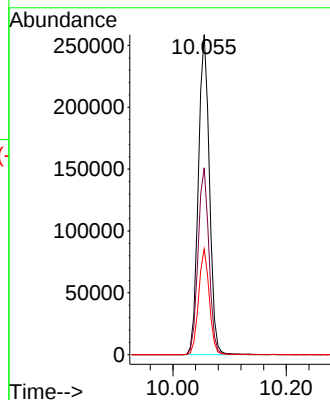
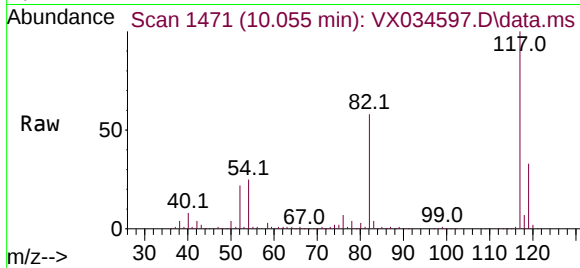




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX034597.D  
Acq: 17 Mar 2023 20:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
CE-86B-031423

Tgt Ion:117 Resp: 349541  
Ion Ratio Lower Upper  
117 100  
82 58.4 45.0 67.4  
119 33.1 26.0 39.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VX034597.D  
Acq: 17 Mar 2023 20:17

Tgt Ion:152 Resp: 158967  
Ion Ratio Lower Upper  
152 100  
115 61.8 45.0 135.0  
150 156.2 0.0 352.4

