

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011923\  
 Data File : VX033805.D  
 Acq On : 19 Jan 2023 16:43  
 Operator : JC/MD  
 Sample : 01214-06  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TJRC-011723-B3-10-20

Quant Time: Jan 20 05:23:02 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

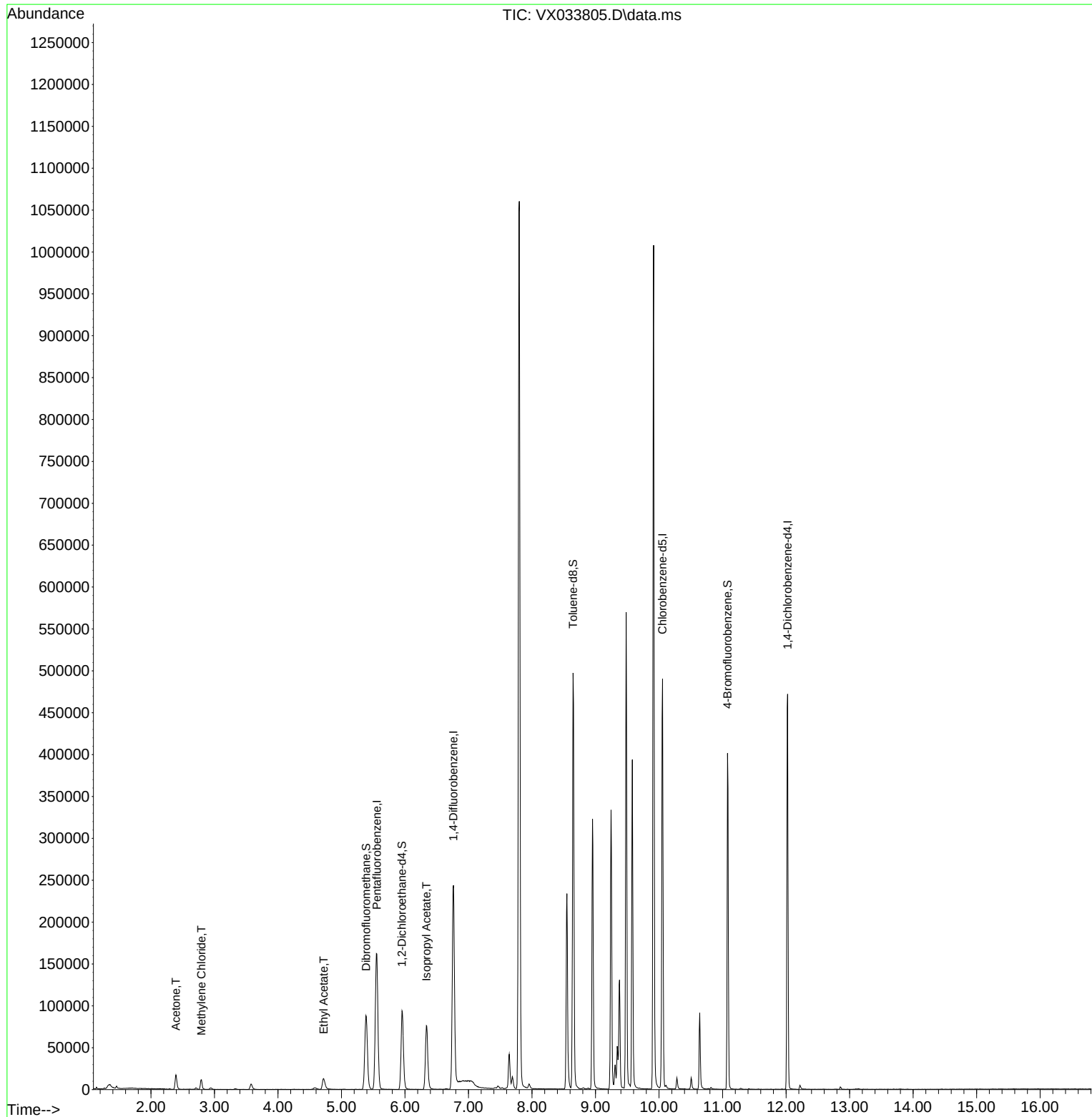
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 177732   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 258820   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 233050   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 111572   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 88280    | 47.174   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 94.340%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 78301    | 48.721   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 97.440%  |
| 50) Toluene-d8              | 8.647  | 98    | 299218   | 51.099   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 102.200% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 102981   | 47.368   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 94.740%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.392  | 43    | 22695    | 22.076   | ug/l   | 92       |
| 20) Methylene Chloride      | 2.794  | 84    | 5699     | 1.050    | ug/l   | 89       |
| 37) Ethyl Acetate           | 4.721  | 43    | 24101    | 8.390    | ug/l   | 98       |
| 43) Isopropyl Acetate       | 6.336  | 43    | 108236   | 29.230   | ug/l   | 99       |
| -----                       |        |       |          |          |        |          |

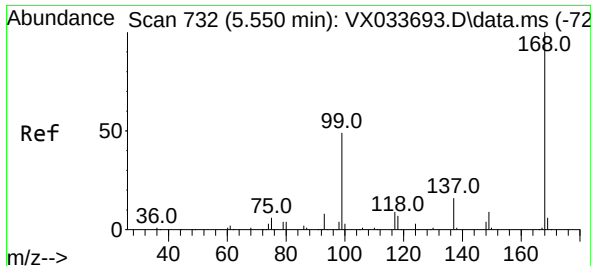
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TJRC-011723-B3-10-20

Quant Time: Jan 20 05:23:02 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

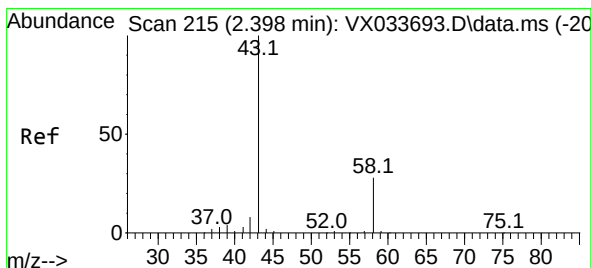
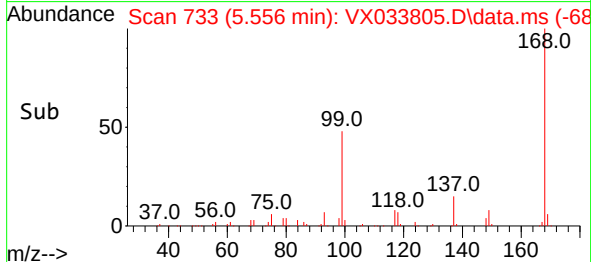
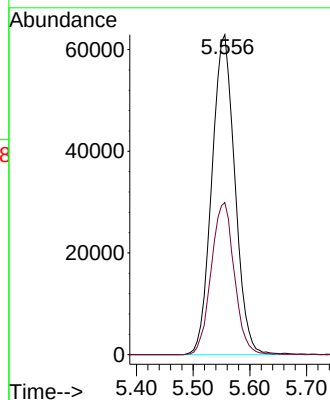
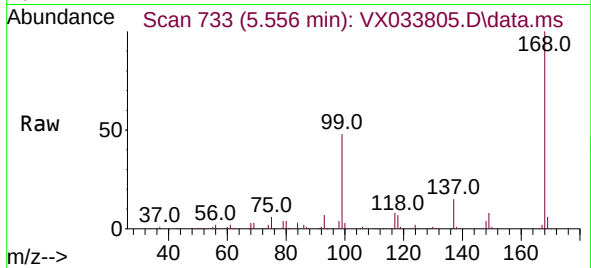




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX033805.D  
Acq: 19 Jan 2023 16:43

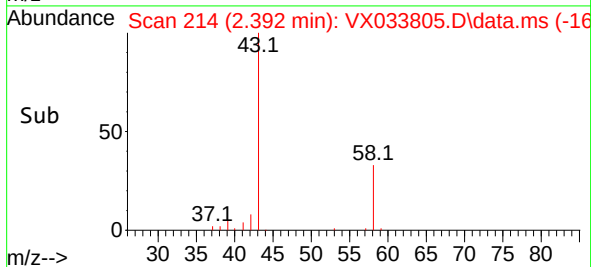
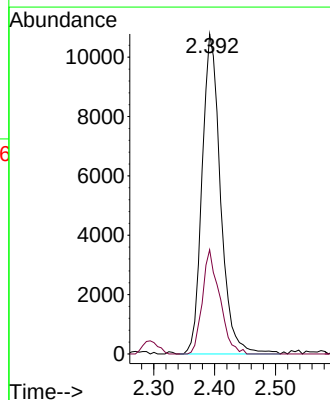
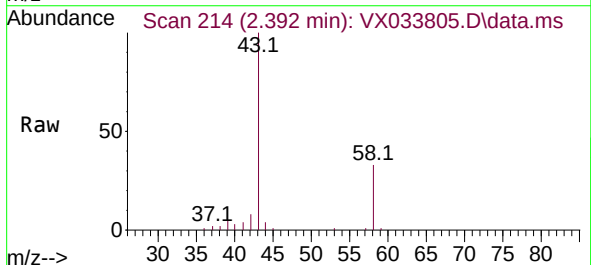
Instrument :  
MSVOA\_X  
ClientSampleId :  
TJRC-011723-B3-10-20

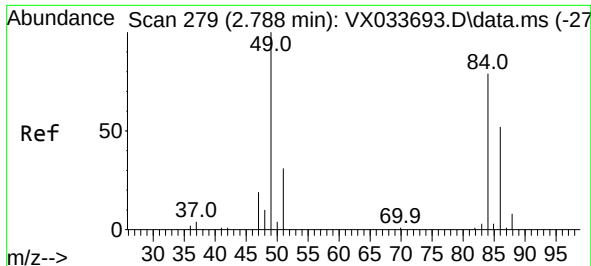
Tgt Ion:168 Resp: 177732  
Ion Ratio Lower Upper  
168 100  
99 47.6 39.6 59.4



#16  
Acetone  
Concen: 22.076 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. -0.006 min  
Lab File: VX033805.D  
Acq: 19 Jan 2023 16:43

Tgt Ion: 43 Resp: 22695  
Ion Ratio Lower Upper  
43 100  
58 32.6 22.6 33.8

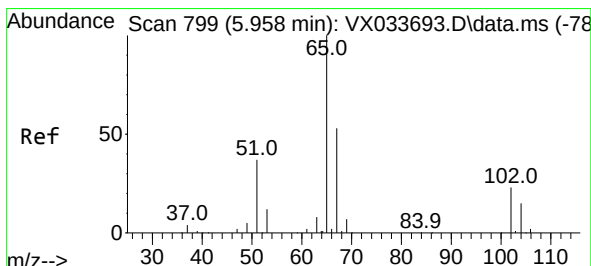
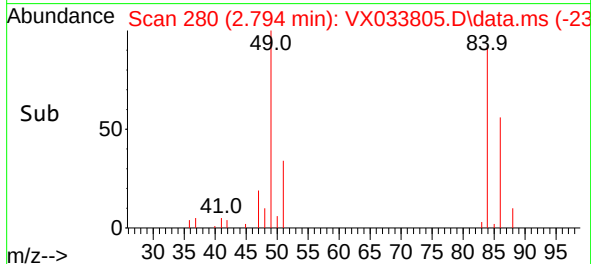
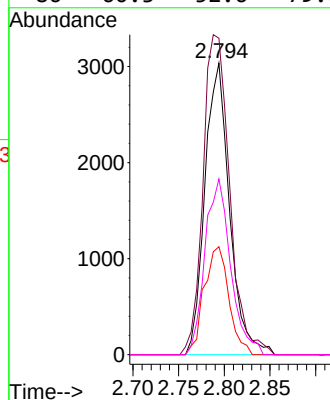
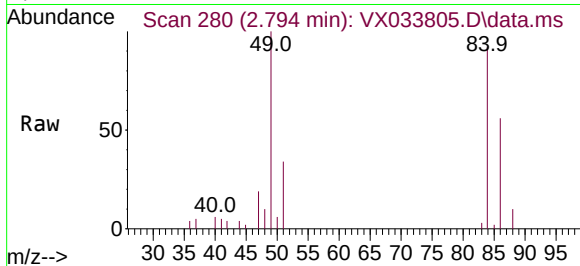




#20  
Methylene Chloride  
Concen: 1.050 ug/l  
RT: 2.794 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX033805.D  
Acq: 19 Jan 2023 16:43

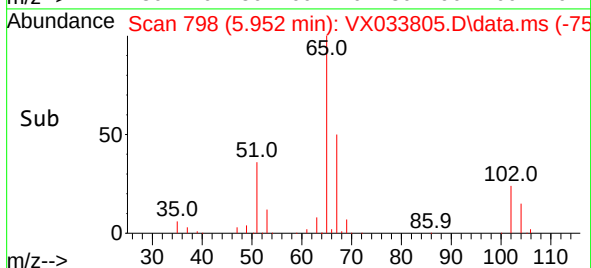
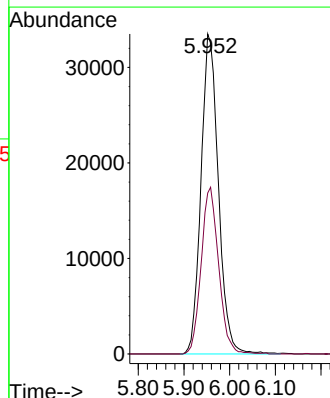
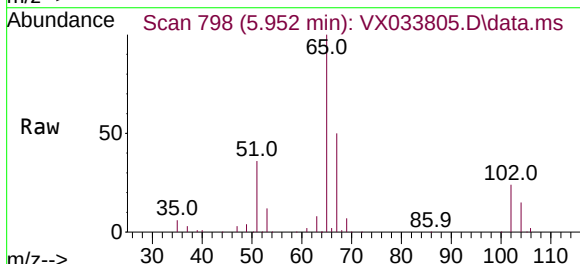
Instrument :  
MSVOA\_X  
ClientSampleId :  
TJRC-011723-B3-10-20

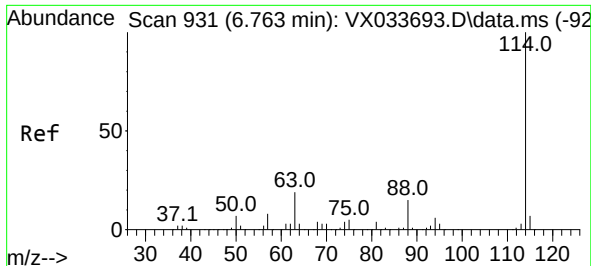
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 5699  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 108.6 | 101.1 | 151.7 |
| 51       | 37.1  | 31.0  | 46.6  |
| 86       | 60.3  | 52.6  | 79.0  |



#33  
1,2-Dichloroethane-d4  
Concen: 47.174 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.006 min  
Lab File: VX033805.D  
Acq: 19 Jan 2023 16:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 65    | Resp: | 88280 |
| Ion      | Ratio | Lower | Upper |
| 65       | 100   |       |       |
| 67       | 52.4  | 0.0   | 104.8 |

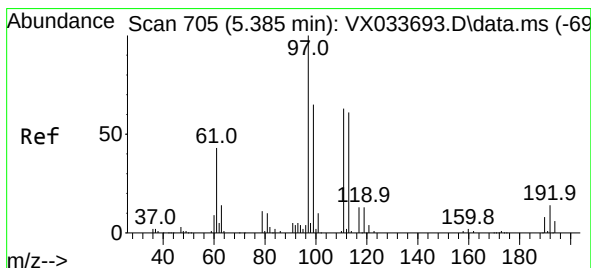
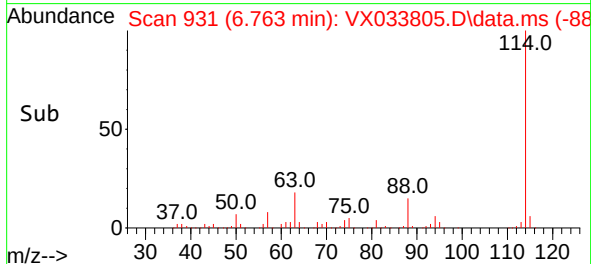
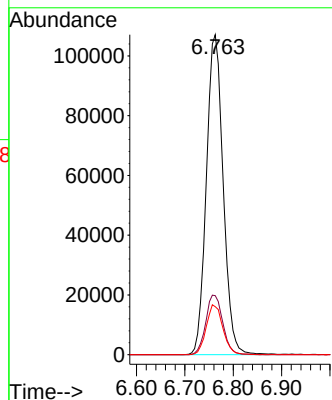
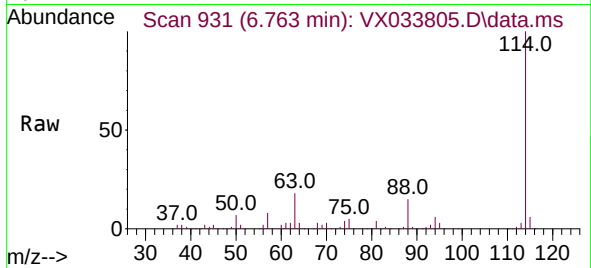




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: VX033805.D  
Acq: 19 Jan 2023 16:43

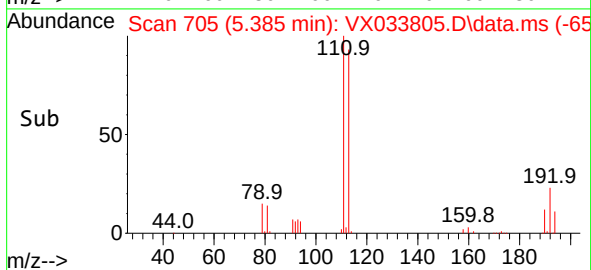
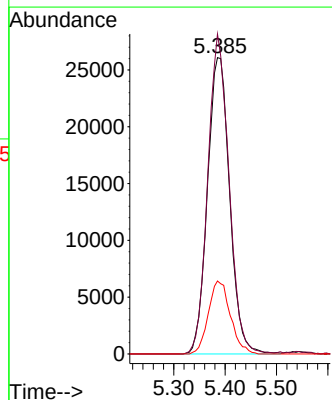
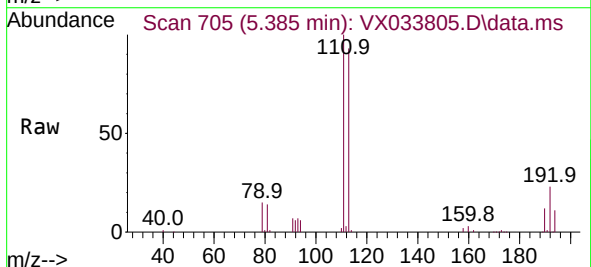
Instrument :  
MSVOA\_X  
ClientSampleId :  
TJRC-011723-B3-10-20

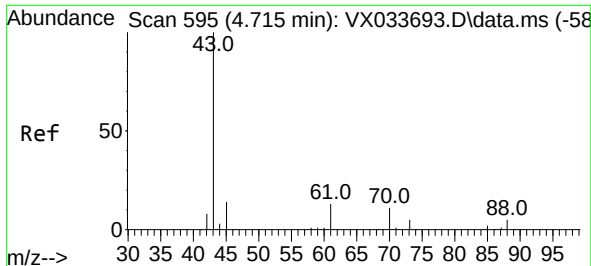
Tgt Ion:114 Resp: 258820  
Ion Ratio Lower Upper  
114 100  
63 18.5 0.0 37.4  
88 15.0 0.0 30.6



#35  
Dibromofluoromethane  
Concen: 48.721 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX033805.D  
Acq: 19 Jan 2023 16:43

Tgt Ion:113 Resp: 78301  
Ion Ratio Lower Upper  
113 100  
111 103.0 83.0 124.6  
192 24.4 19.0 28.4





#37

Ethyl Acetate

Concen: 8.390 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX033805.D

Acq: 19 Jan 2023 16:43

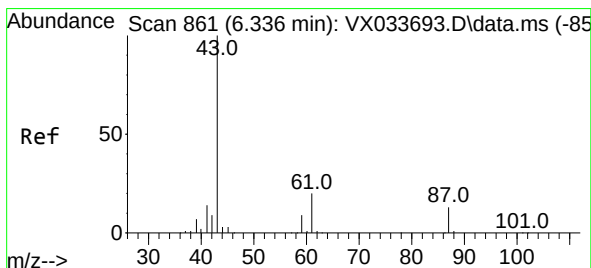
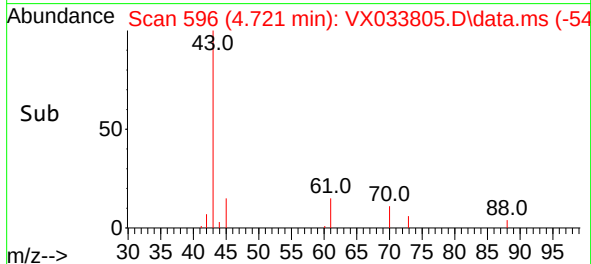
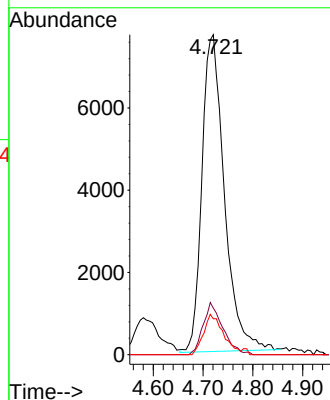
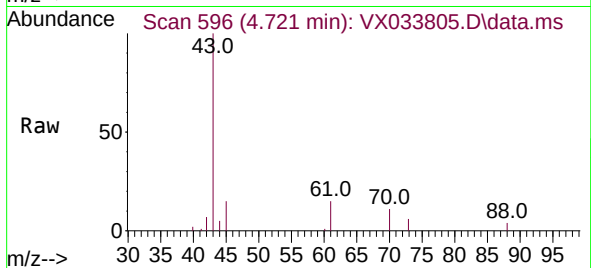
Instrument :

MSVOA\_X

ClientSampleId :

TJRC-011723-B3-10-20

|             |                |
|-------------|----------------|
| Tgt Ion: 43 | Resp: 24101    |
| Ion Ratio   | Lower Upper    |
| 43          | 100            |
| 61          | 14.5 11.1 16.7 |
| 70          | 11.2 8.5 12.7  |



#43

Isopropyl Acetate

Concen: 29.230 ug/l

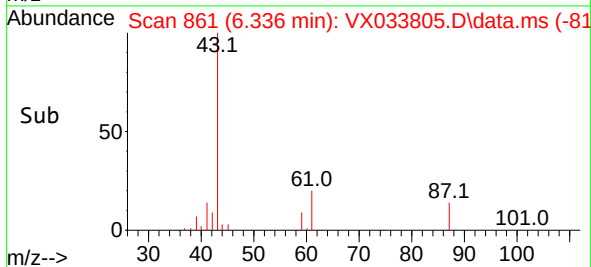
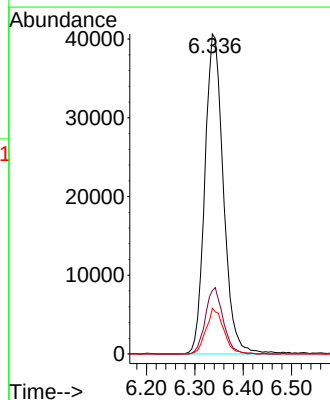
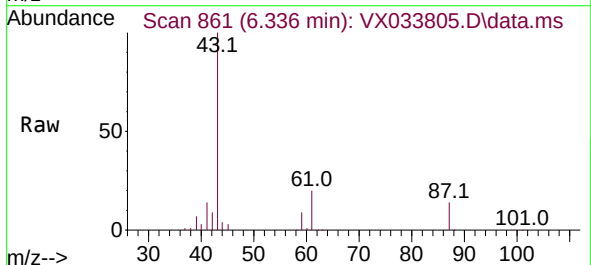
RT: 6.336 min Scan# 861

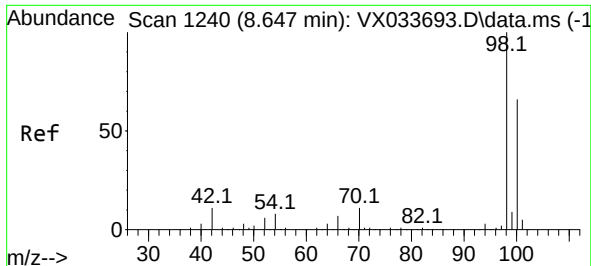
Delta R.T. -0.000 min

Lab File: VX033805.D

Acq: 19 Jan 2023 16:43

|             |                |
|-------------|----------------|
| Tgt Ion: 43 | Resp: 108236   |
| Ion Ratio   | Lower Upper    |
| 43          | 100            |
| 61          | 19.9 15.7 23.5 |
| 87          | 13.5 10.6 15.8 |

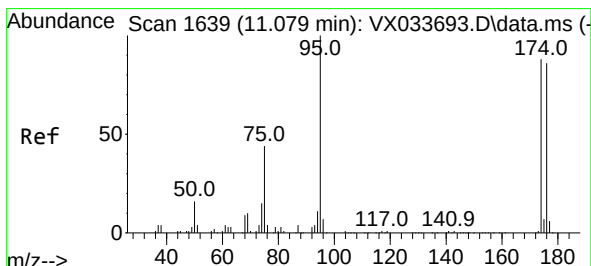
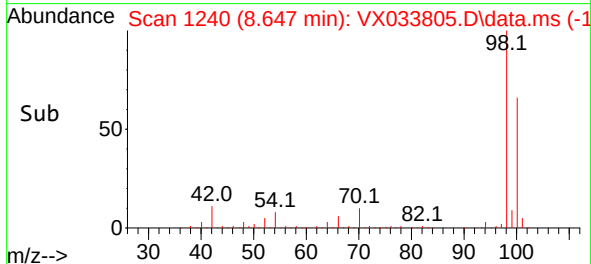
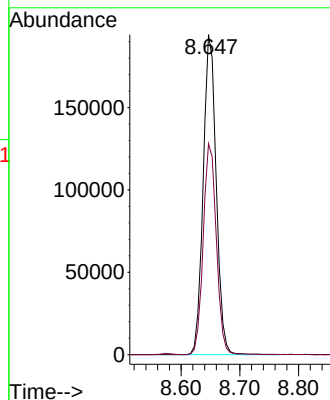
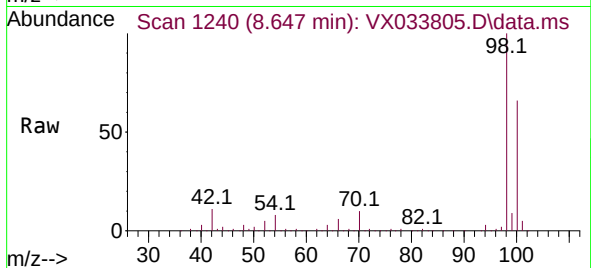




#50  
Toluene-d8  
Concen: 51.099 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX033805.D  
Acq: 19 Jan 2023 16:43

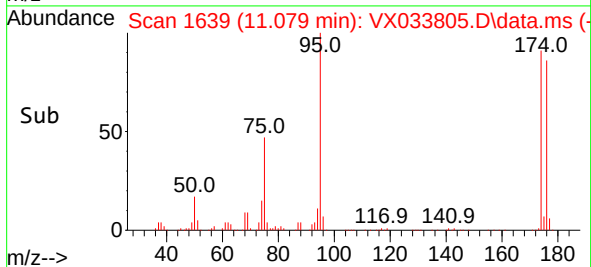
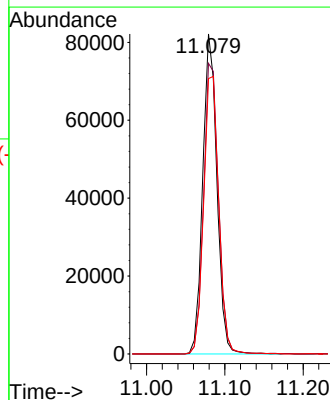
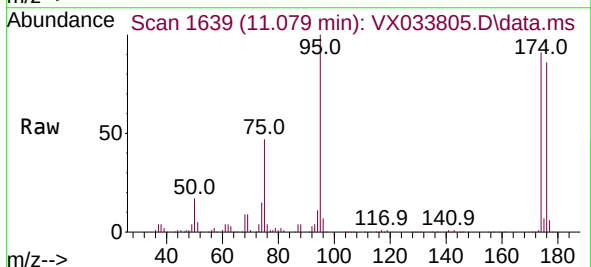
Instrument :  
MSVOA\_X  
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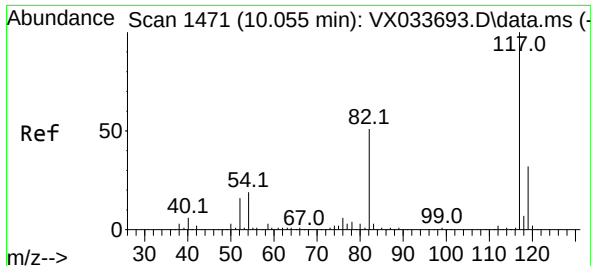
Tgt Ion: 98 Resp: 299218  
Ion Ratio Lower Upper  
98 100  
100 66.7 53.6 80.4



#62  
4-Bromofluorobenzene  
Concen: 47.368 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX033805.D  
Acq: 19 Jan 2023 16:43

Tgt Ion: 95 Resp: 102981  
Ion Ratio Lower Upper  
95 100  
174 95.5 0.0 184.4  
176 92.7 0.0 178.8

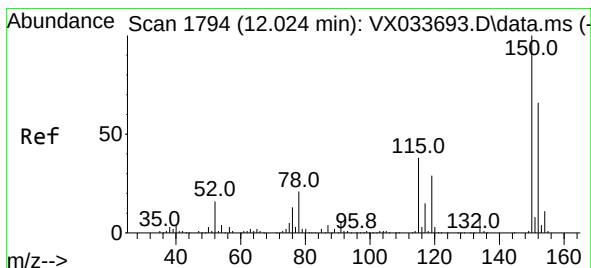
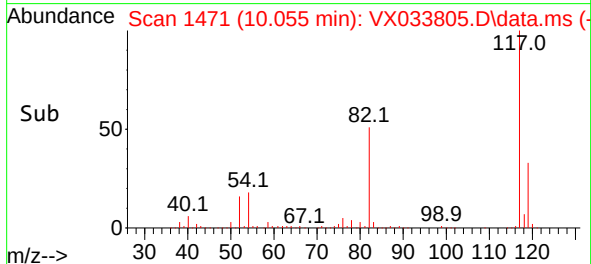
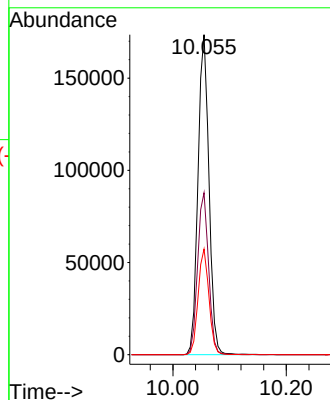
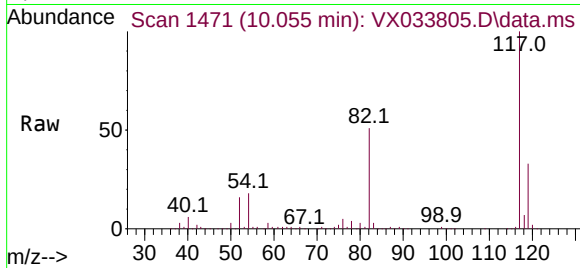




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX033805.D  
Acq: 19 Jan 2023 16:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
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Tgt Ion:117 Resp: 233050  
Ion Ratio Lower Upper  
117 100  
82 50.6 40.6 60.8  
119 33.0 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: VX033805.D  
Acq: 19 Jan 2023 16:43

Tgt Ion:152 Resp: 111572  
Ion Ratio Lower Upper  
152 100  
115 53.5 38.7 116.1  
150 157.5 0.0 348.2

