

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX051123\  
 Data File : VX035610.D  
 Acq On : 11 May 2023 16:17  
 Operator : JC/MD  
 Sample : 02691-11  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 AU-504-VOC-07

Quant Time: May 11 16:47:02 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051123W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 11 13:57:54 2023  
 Response via : Initial Calibration

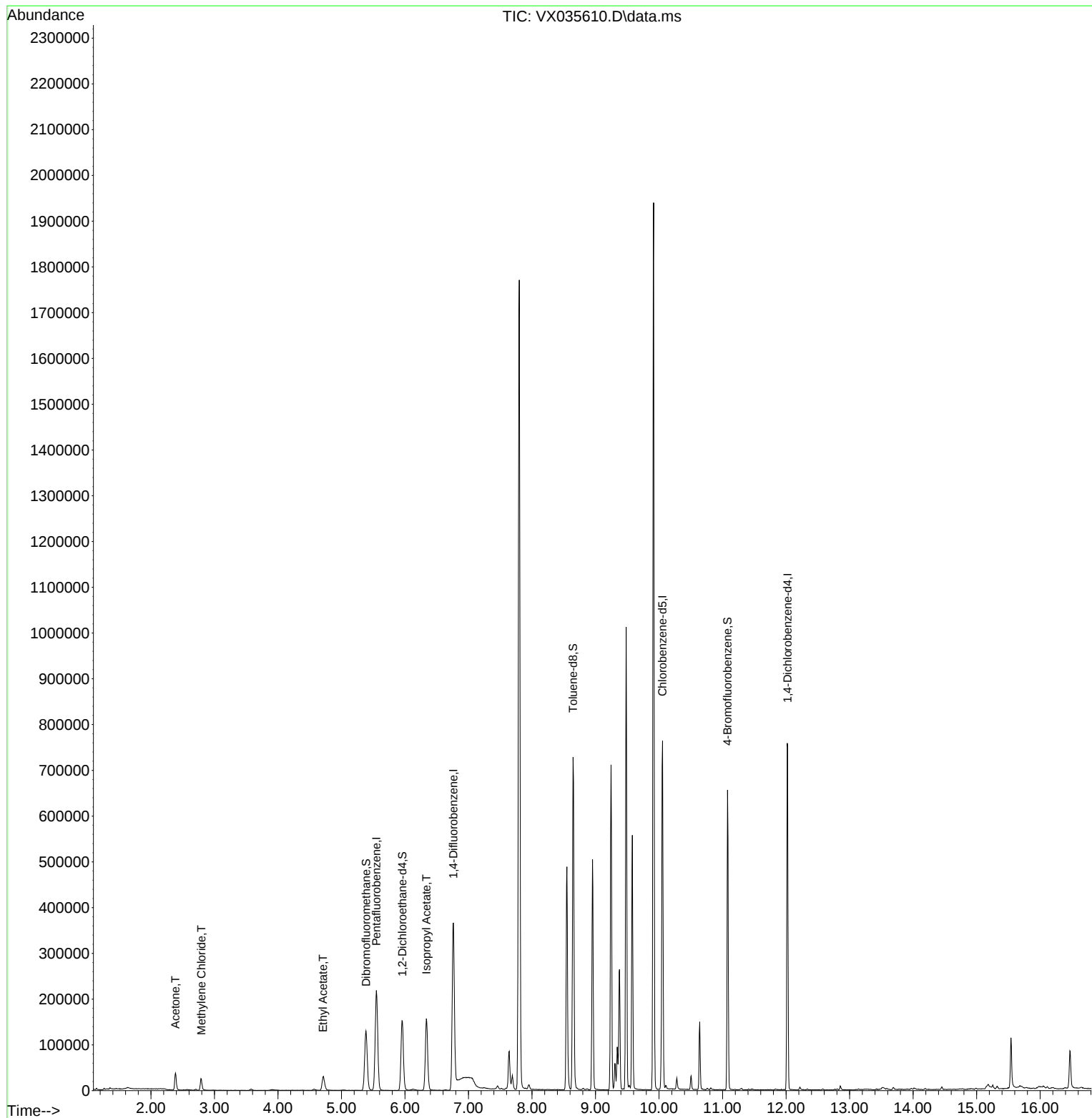
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 185492   | 50.000   | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 341948   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 314879   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 146392   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 155085   | 47.925   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 95.860%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 111842   | 48.499   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 97.000%  |
| 50) Toluene-d8              | 8.647  | 98    | 418042   | 49.070   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 98.140%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 176229   | 51.375   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 102.760% |
| Target Compounds            |        |       |          |          |       |          |
|                             |        |       |          |          |       | Qvalue   |
| 16) Acetone                 | 2.386  | 43    | 44218    | 31.793   | ug/l  | 95       |
| 20) Methylene Chloride      | 2.794  | 84    | 11705    | 4.644    | ug/l  | 94       |
| 37) Ethyl Acetate           | 4.708  | 43    | 53816m   | 14.174   | ug/l  |          |
| 43) Isopropyl Acetate       | 6.336  | 43    | 217948   | 32.920   | ug/l  | 100      |
| -----                       |        |       |          |          |       |          |

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

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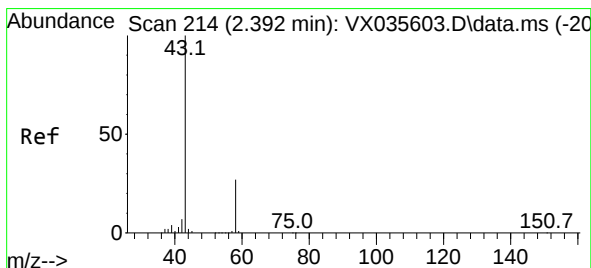
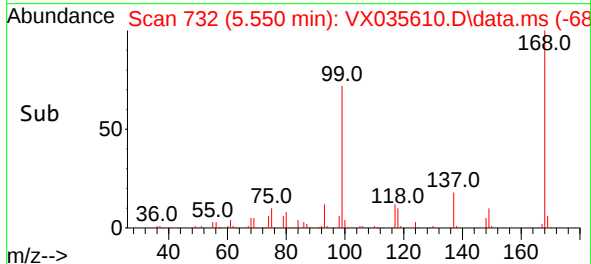
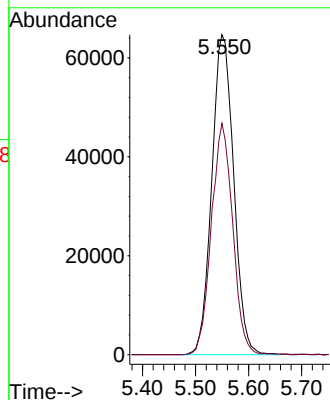
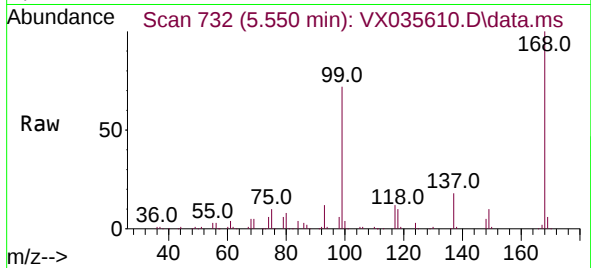




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX035610.D  
Acq: 11 May 2023 16:17

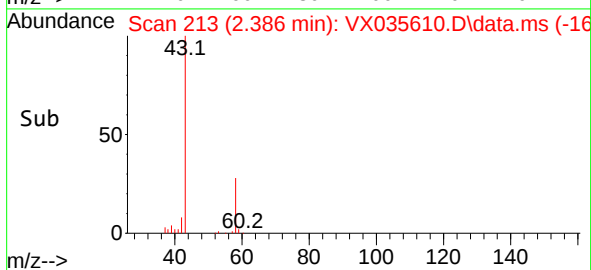
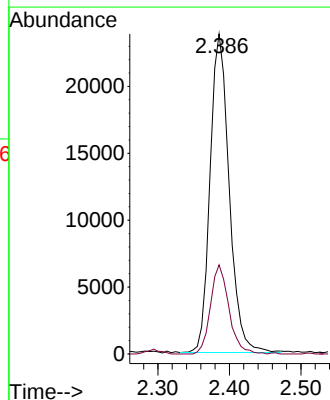
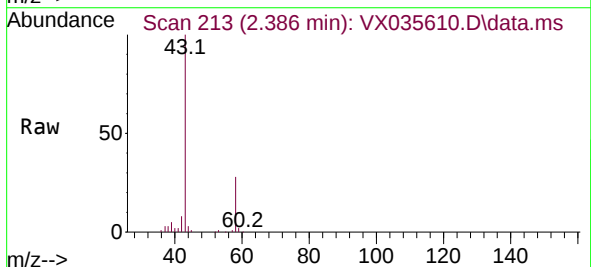
Instrument :  
MSVOA\_X  
ClientSampleId :  
AU-504-VOC-07

Tgt Ion:168 Resp: 185492  
Ion Ratio Lower Upper  
168 100  
99 72.3 45.7 68.5#



#16  
Acetone  
Concen: 31.793 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX035610.D  
Acq: 11 May 2023 16:17

Tgt Ion: 43 Resp: 44218  
Ion Ratio Lower Upper  
43 100  
58 28.0 24.7 37.1

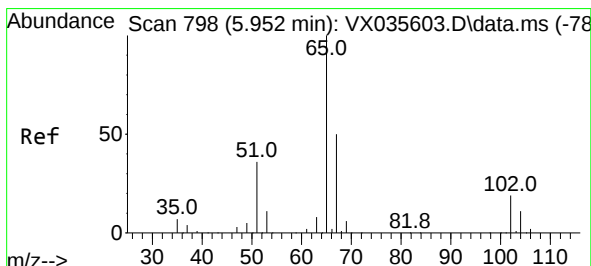
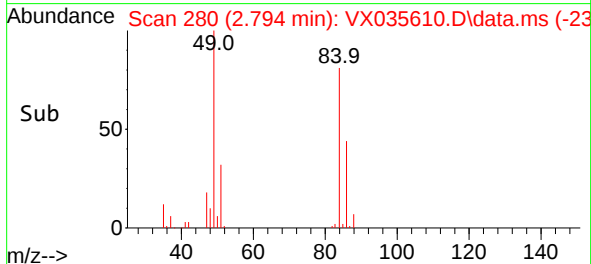
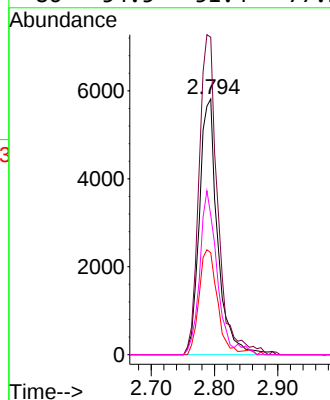
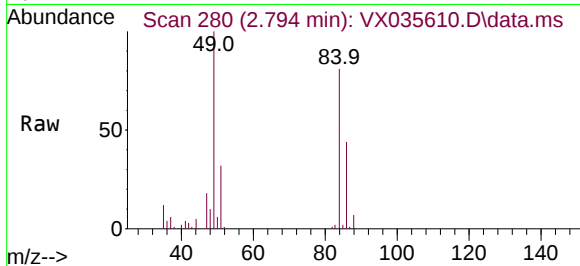




#20  
Methylene Chloride  
Concen: 4.644 ug/l  
RT: 2.794 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX035610.D  
Acq: 11 May 2023 16:17

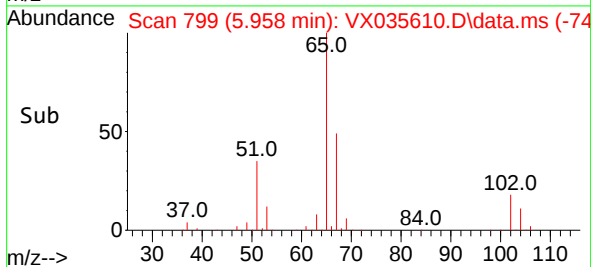
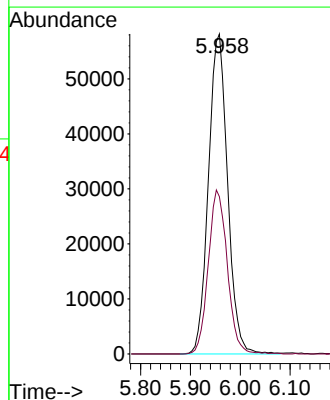
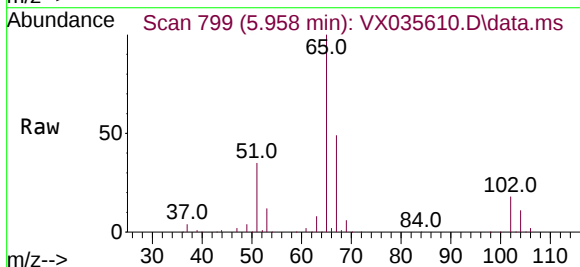
Instrument :  
MSVOA\_X  
ClientSampleId :  
AU-504-VOC-07

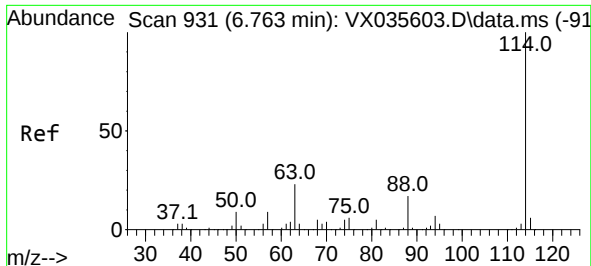
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 11705 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 124.2 | 103.8 | 155.8 |
| 51       | 39.9  | 31.8  | 47.8  |
| 86       | 54.5  | 51.4  | 77.2  |



#33  
1,2-Dichloroethane-d4  
Concen: 47.925 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.006 min  
Lab File: VX035610.D  
Acq: 11 May 2023 16:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 155085 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 67       | 50.9  | 0.0   | 104.0  |

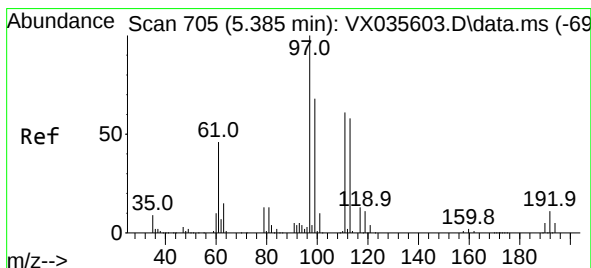
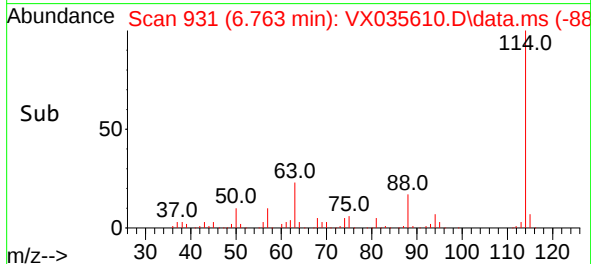
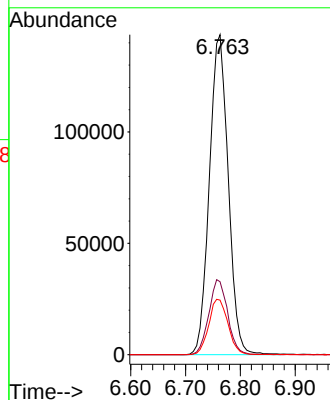
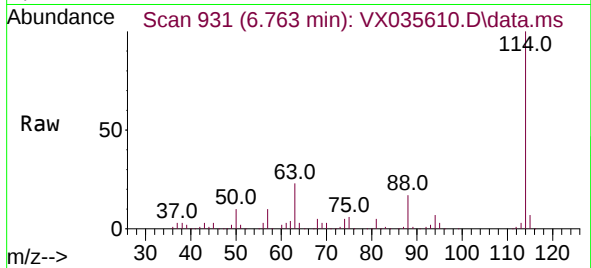




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX035610.D  
Acq: 11 May 2023 16:17

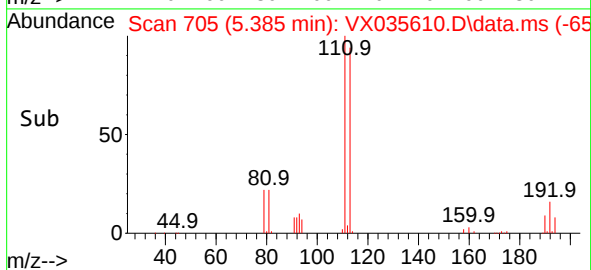
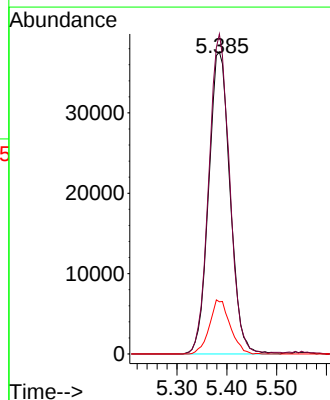
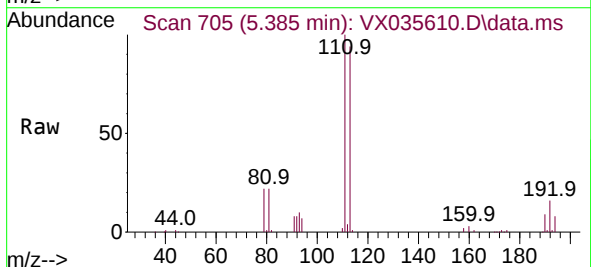
Instrument :  
MSVOA\_X  
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AU-504-VOC-07

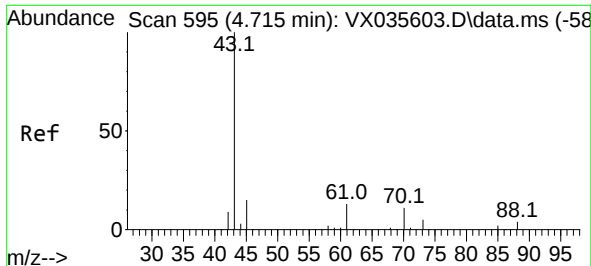
Tgt Ion:114 Resp: 341948  
Ion Ratio Lower Upper  
114 100  
63 22.8 0.0 42.2  
88 17.0 0.0 33.2



#35  
Dibromofluoromethane  
Concen: 48.499 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX035610.D  
Acq: 11 May 2023 16:17

Tgt Ion:113 Resp: 111842  
Ion Ratio Lower Upper  
113 100  
111 103.1 83.7 125.5  
192 17.3 15.4 23.2





#37

Ethyl Acetate

Concen: 14.174 ug/l m

RT: 4.708 min Scan# 594

Delta R.T. -0.007 min

Lab File: VX035610.D

Acq: 11 May 2023 16:17

Instrument :

MSVOA\_X

ClientSampleId :

AU-504-VOC-07

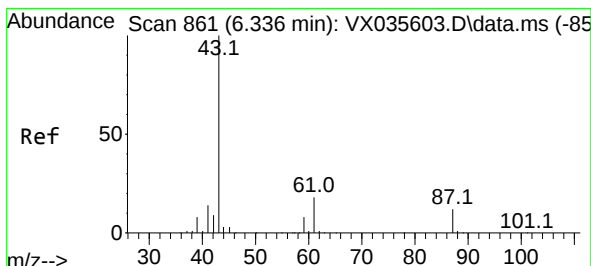
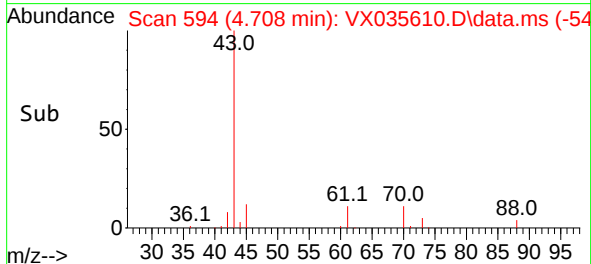
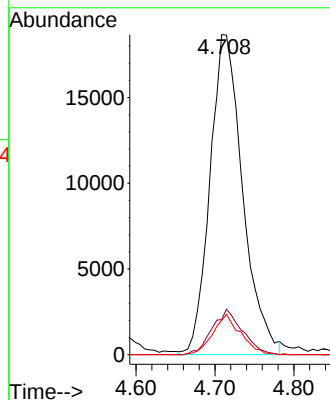
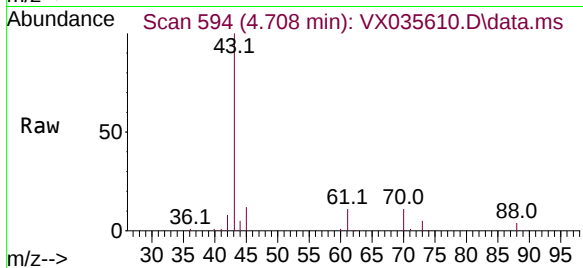
Tgt Ion: 43 Resp: 53816

Ion Ratio Lower Upper

43 100

61 0.0 10.2 15.4#

70 0.0 8.2 12.4#



#43

Isopropyl Acetate

Concen: 32.920 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX035610.D

Acq: 11 May 2023 16:17

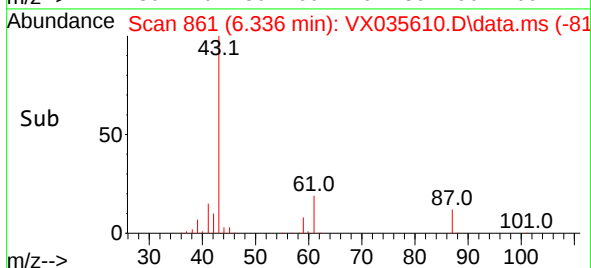
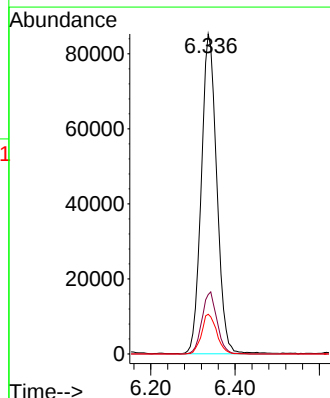
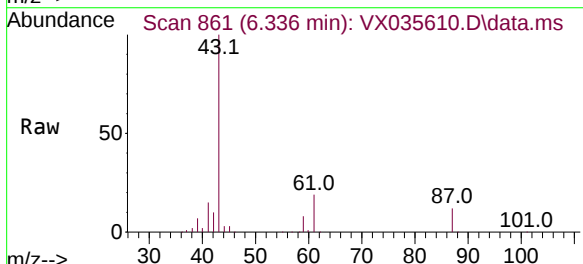
Tgt Ion: 43 Resp: 217948

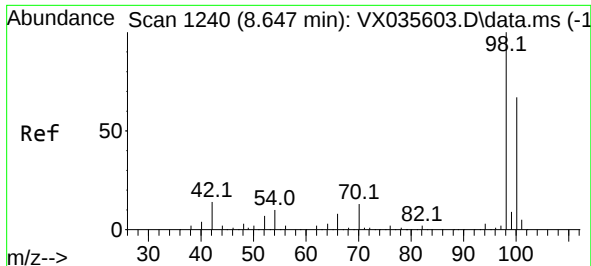
Ion Ratio Lower Upper

43 100

61 18.9 15.2 22.8

87 12.2 9.8 14.8

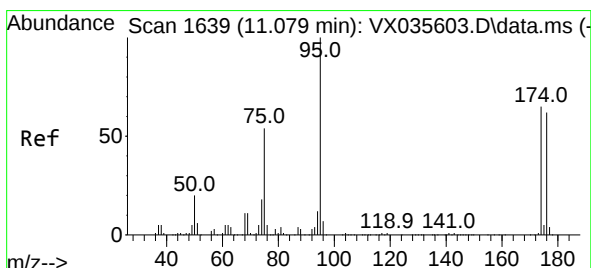
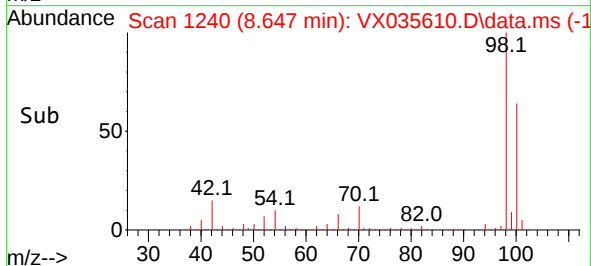
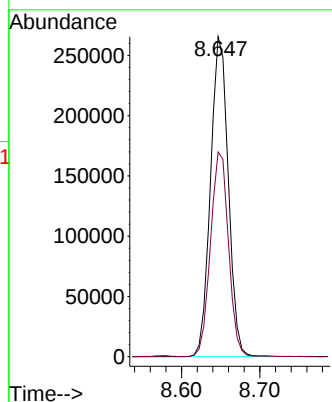
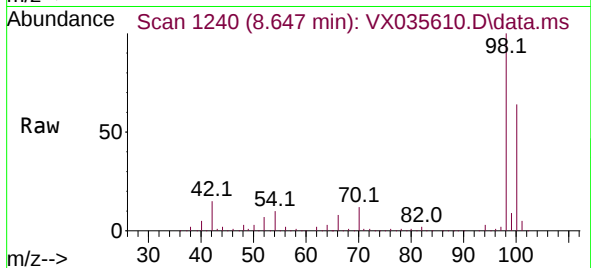




#50  
Toluene-d8  
Concen: 49.070 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX035610.D  
Acq: 11 May 2023 16:17

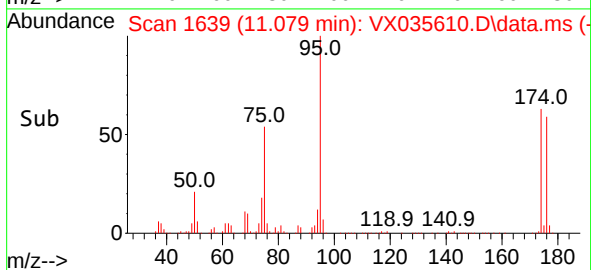
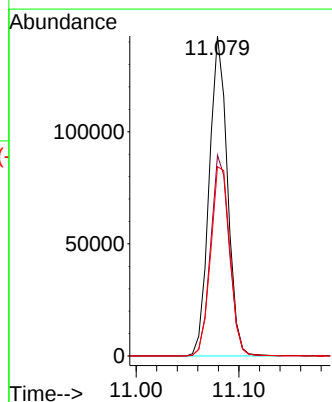
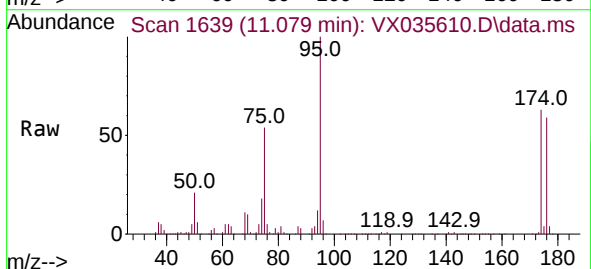
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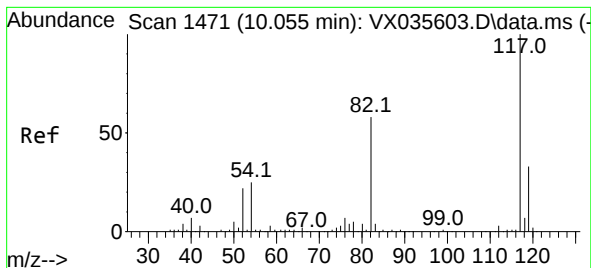
Tgt Ion: 98 Resp: 418042  
Ion Ratio Lower Upper  
98 100  
100 65.0 52.5 78.7



#62  
4-Bromofluorobenzene  
Concen: 51.375 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX035610.D  
Acq: 11 May 2023 16:17

Tgt Ion: 95 Resp: 176229  
Ion Ratio Lower Upper  
95 100  
174 63.9 0.0 147.4  
176 62.7 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: VX035610.D

Acq: 11 May 2023 16:17

Instrument :

MSVOA\_X

ClientSampleId :

AU-504-VOC-07

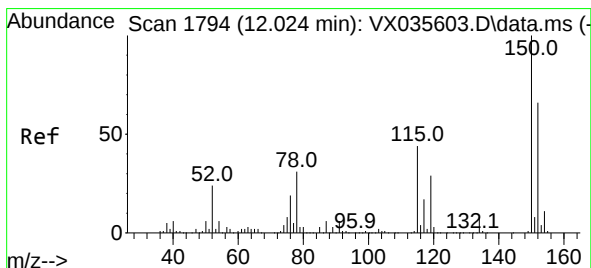
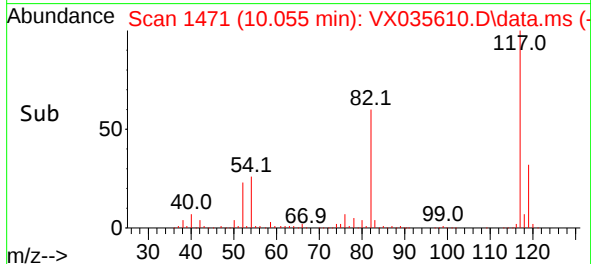
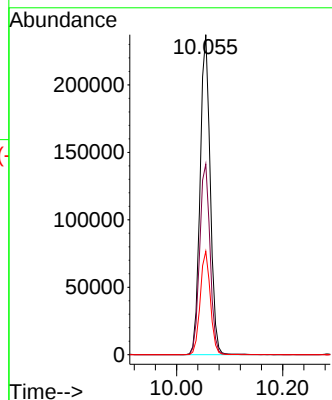
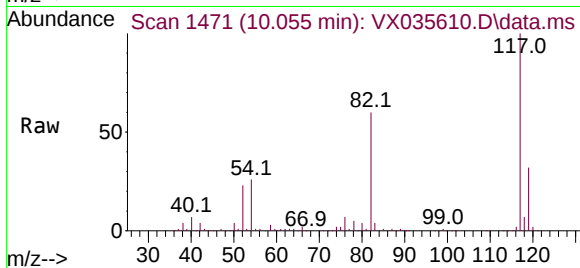
Tgt Ion:117 Resp: 314879

Ion Ratio Lower Upper

117 100

82 59.6 45.0 67.4

119 32.3 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: VX035610.D

Acq: 11 May 2023 16:17

Tgt Ion:152 Resp: 146392

Ion Ratio Lower Upper

152 100

115 64.8 45.0 135.0

150 155.8 0.0 352.4

