

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121924\  
 Data File : VW031372.D  
 Acq On : 19 Dec 2024 10:08  
 Operator : SY/MD  
 Sample : P5265-12  
 Misc : 11.03g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 E2827

Quant Time: Dec 20 00:28:12 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM121324SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Dec 20 00:25:15 2024  
 Response via : Initial Calibration

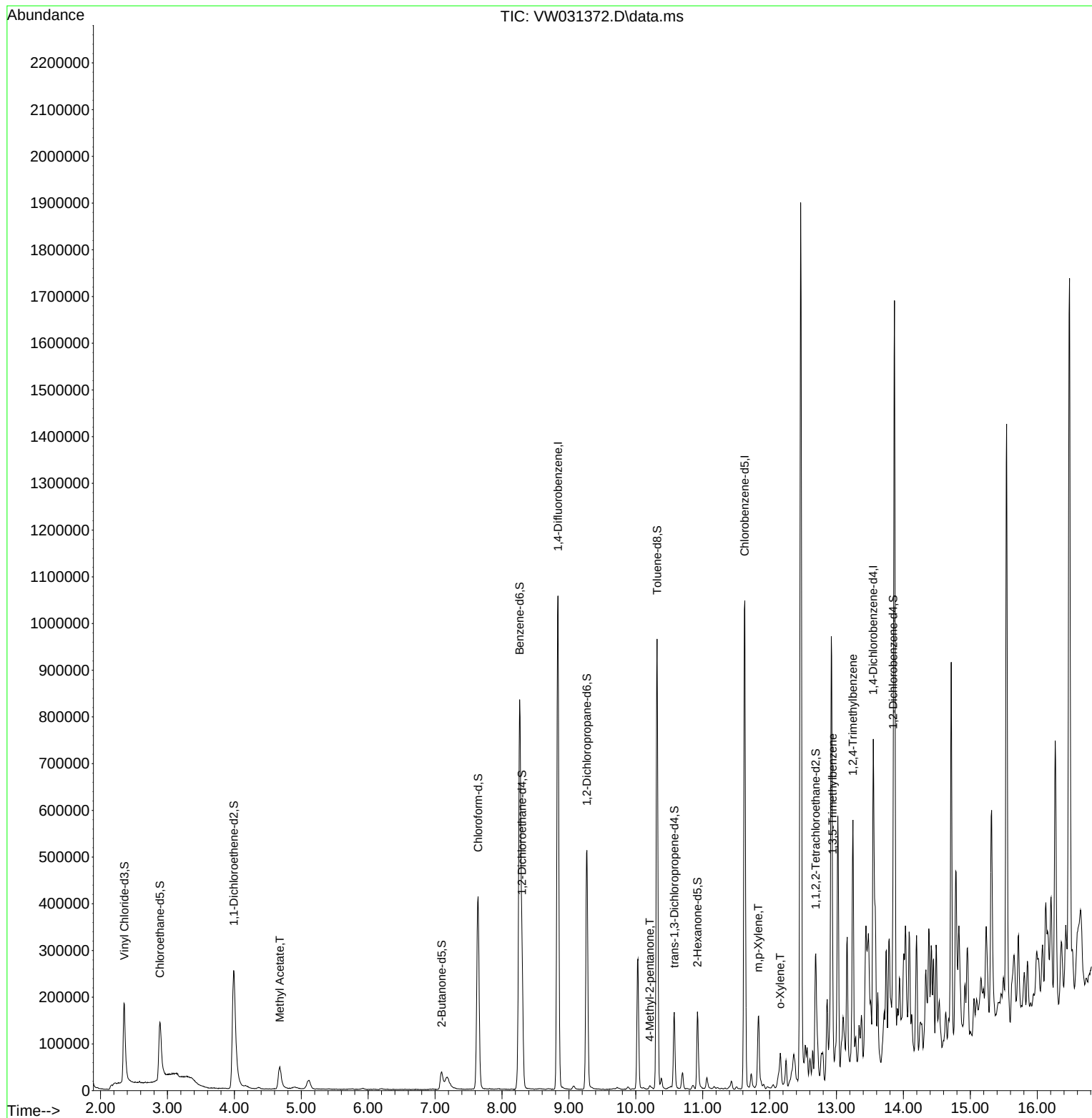
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.837  | 114   | 884258   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 564318   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.549 | 152   | 138038   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.356  | 65    | 259303   | 19.490   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 77.960%  |
| 7) Chloroethane-d5            | 2.887  | 69    | 197394   | 20.057   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 80.240%  |
| 11) 1,1-Dichloroethene-d2     | 3.990  | 65    | 106143   | 16.819   | ug/L   | -0.02    |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 67.280%  |
| 21) 2-Butanone-d5             | 7.099  | 46    | 77398    | 30.890   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 61.780%  |
| 24) Chloroform-d              | 7.642  | 84    | 412284   | 17.017   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 68.080%  |
| 26) 1,2-Dichloroethane-d4     | 8.300  | 65    | 218131   | 17.927   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 71.720%  |
| 32) Benzene-d6                | 8.264  | 84    | 859294   | 23.757   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 95.040%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 241391   | 22.899   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 91.600%  |
| 41) Toluene-d8                | 10.318 | 98    | 623594   | 18.533   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 74.120%  |
| 43) trans-1,3-Dichloroprop... | 10.574 | 79    | 90351    | 18.588   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 74.360%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 57874    | 40.824   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 81.640%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 124473   | 18.806   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 75.240%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 87660    | 17.106   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 68.440%# |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 15) Methyl Acetate            | 4.679  | 43    | 102277   | 25.806   | ug/L   | 99       |
| 40) 4-Methyl-2-pentanone      | 10.208 | 43    | 5542     | 1.201    | ug/L   | 93       |
| 53) m,p-Xylene                | 11.830 | 106   | 31155    | 1.860    | ug/L   | 97       |
| 54) o-Xylene                  | 12.159 | 106   | 18394    | 1.165    | ug/L   | 98       |
| 62) 1,3,5-Trimethylbenzene    | 12.940 | 105   | 77696    | 4.057    | ug/L   | 93       |
| 63) 1,2,4-Trimethylbenzene    | 13.245 | 105   | 286899   | 15.499   | ug/L   | 99       |
| -----                         |        |       |          |          |        |          |

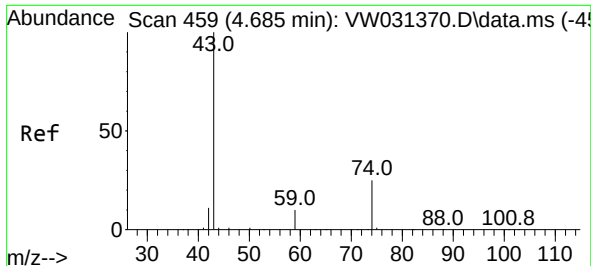
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0  
QLast Update : Fri Dec 20 00:25:15 2024  
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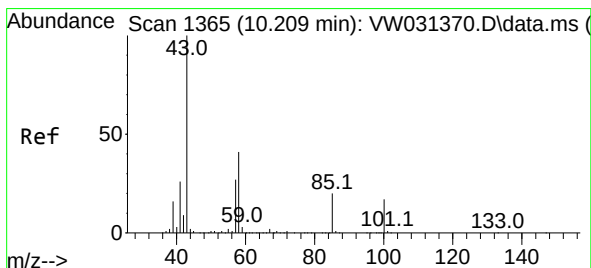
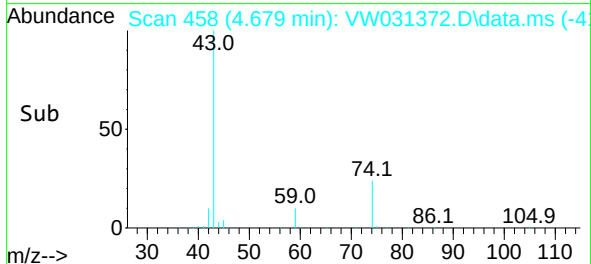
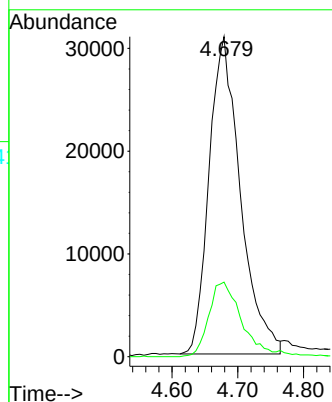
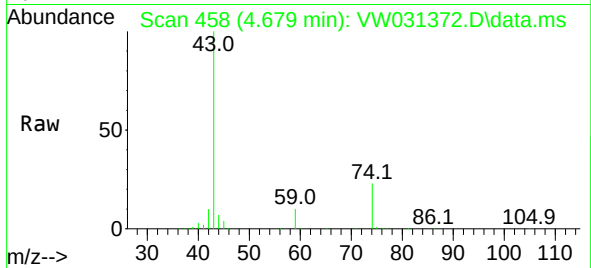




#15  
Methyl Acetate  
Concen: 25.806 ug/L  
RT: 4.679 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VW031372.D  
Acq: 19 Dec 2024 10:08

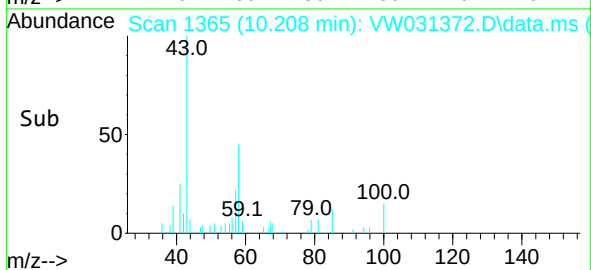
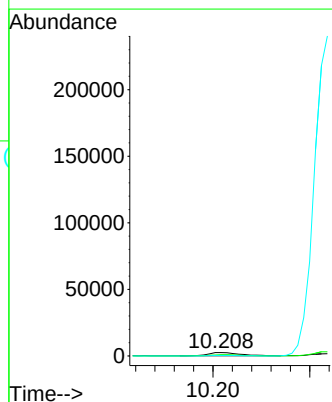
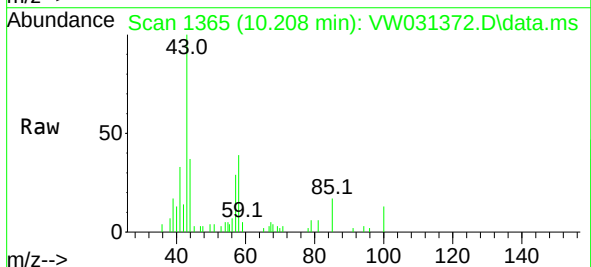
Instrument :  
MSVOA\_W  
ClientSampleId :  
E28Z7

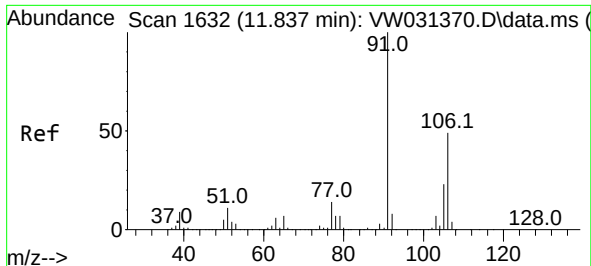
Tgt Ion: 43 Resp: 102277  
Ion Ratio Lower Upper  
43 100  
74 24.3 18.9 28.3



#40  
4-Methyl-2-pentanone  
Concen: 1.201 ug/L  
RT: 10.208 min Scan# 1365  
Delta R.T. -0.000 min  
Lab File: VW031372.D  
Acq: 19 Dec 2024 10:08

Tgt Ion: 43 Resp: 5542  
Ion Ratio Lower Upper  
43 100  
58 44.6 31.1 46.7  
100 16.2 13.0 19.6

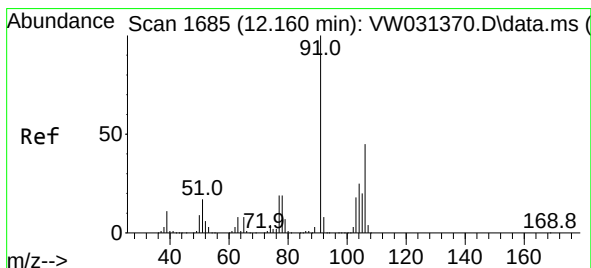
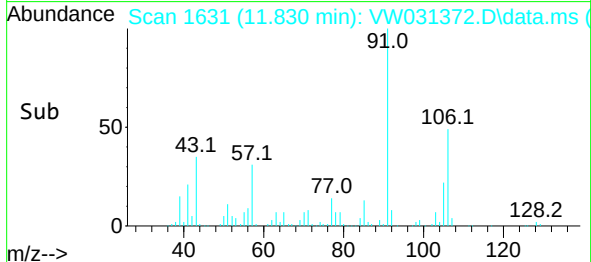
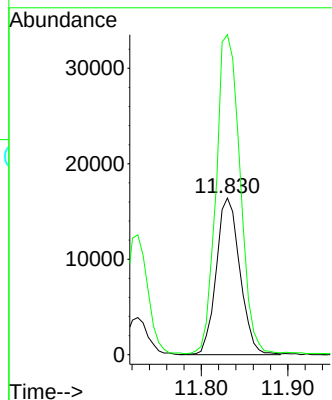
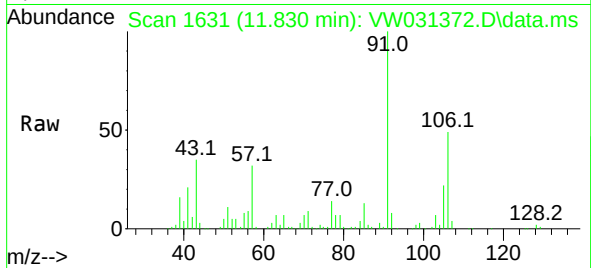




#53  
m,p-Xylene  
Concen: 1.860 ug/L  
RT: 11.830 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: VW031372.D  
Acq: 19 Dec 2024 10:08

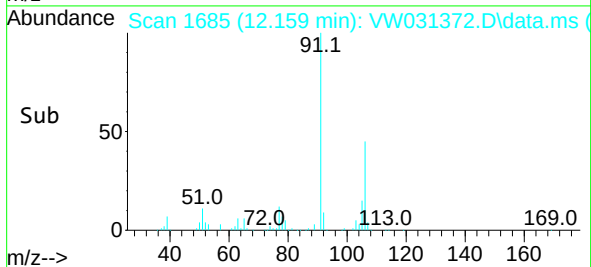
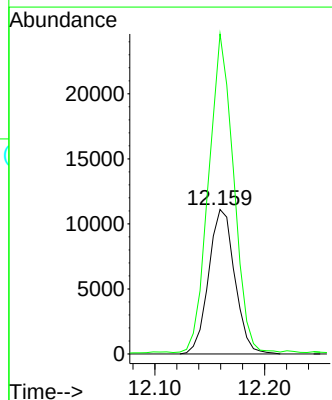
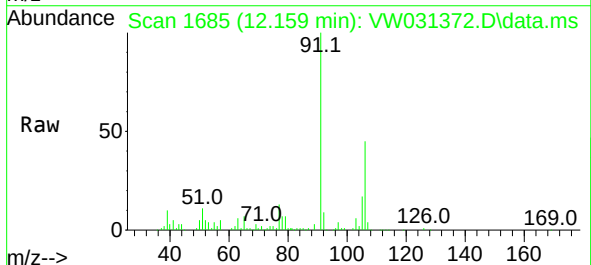
Instrument :  
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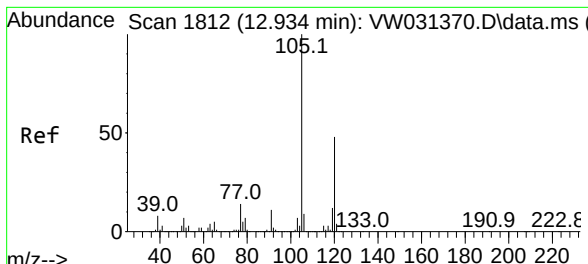
Tgt Ion:106 Resp: 31155  
Ion Ratio Lower Upper  
106 100  
91 204.3 139.9 259.7



#54  
o-Xylene  
Concen: 1.165 ug/L  
RT: 12.159 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: VW031372.D  
Acq: 19 Dec 2024 10:08

Tgt Ion:106 Resp: 18394  
Ion Ratio Lower Upper  
106 100  
91 221.4 153.1 284.3

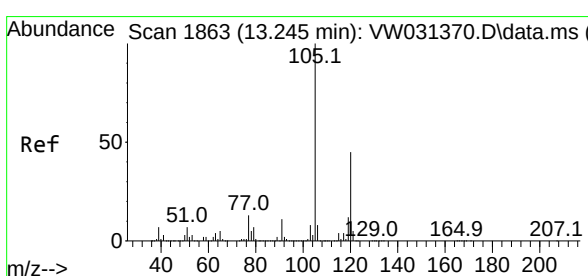
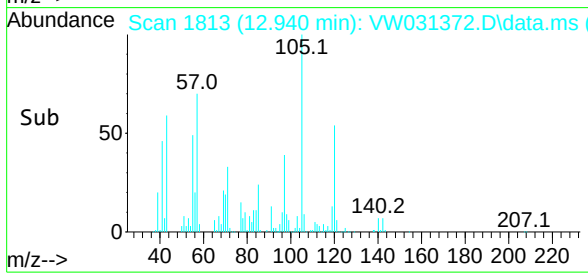
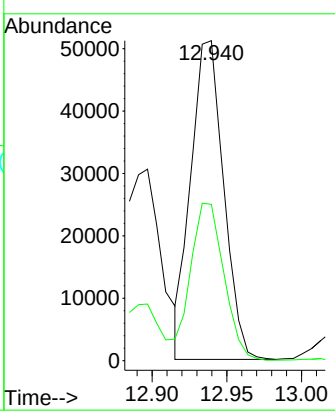
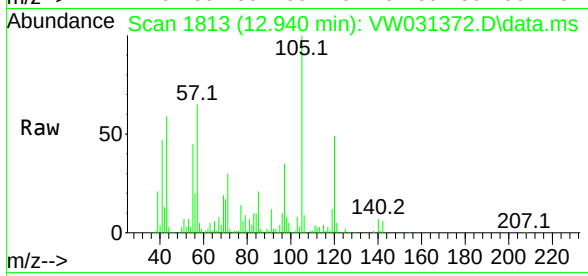




#62  
 1,3,5-Trimethylbenzene  
 Concen: 4.057 ug/L  
 RT: 12.940 min Scan# 1813  
 Delta R.T. 0.006 min  
 Lab File: VW031372.D  
 Acq: 19 Dec 2024 10:08

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 E28Z7

Tgt Ion:105 Resp: 77696  
 Ion Ratio Lower Upper  
 105 100  
 120 51.2 37.3 55.9



#63  
 1,2,4-Trimethylbenzene  
 Concen: 15.499 ug/L  
 RT: 13.245 min Scan# 1863  
 Delta R.T. -0.000 min  
 Lab File: VW031372.D  
 Acq: 19 Dec 2024 10:08

Tgt Ion:105 Resp: 286899  
 Ion Ratio Lower Upper  
 105 100  
 120 44.1 35.0 52.4

