

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV051523\  
 Data File : VV031034.D  
 Acq On : 15 May 2023 18:32  
 Operator : SY/MD  
 Sample : 02768-03  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 CONN9

Quant Time: May 16 00:45:48 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR042823WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue May 16 00:40:05 2023  
 Response via : Initial Calibration

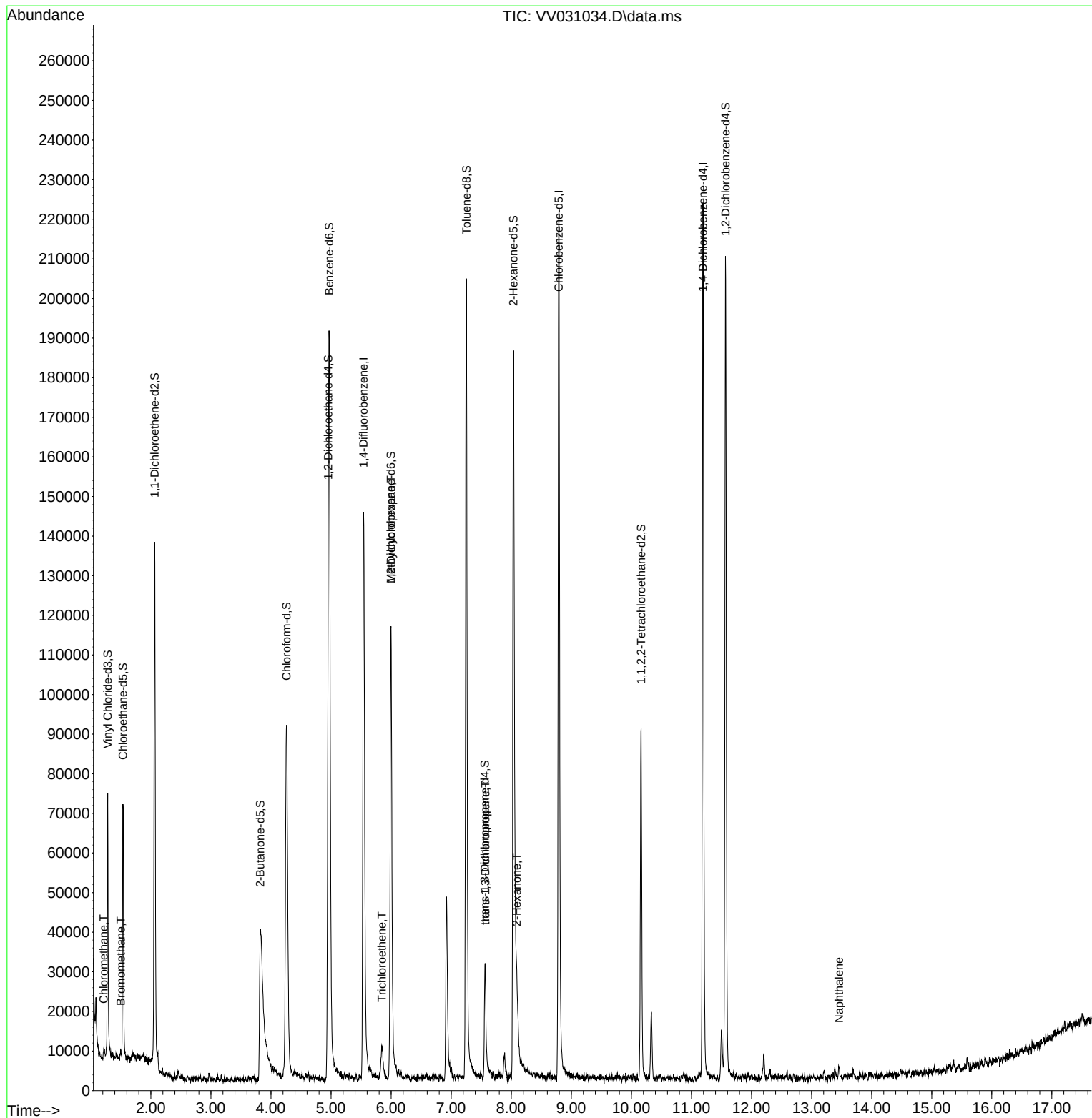
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.542  | 114   | 124510   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.793  | 117   | 121201   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.191 | 152   | 60202    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.282  | 65    | 40621    | 3.960    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 79.200%  |
| 7) Chloroethane-d5            | 1.536  | 69    | 39094    | 4.672    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 93.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.063  | 65    | 22319    | 4.111    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 82.200%  |
| 20) 2-Butanone-d5             | 3.822  | 46    | 99980    | 54.961   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 109.920% |
| 24) Chloroform-d              | 4.259  | 84    | 95391    | 4.679    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 93.600%  |
| 26) 1,2-Dichloroethane-d4     | 4.954  | 65    | 52294    | 5.045    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 101.000% |
| 32) Benzene-d6                | 4.970  | 84    | 162236   | 4.567    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 91.400%  |
| 36) 1,2-Dichloropropane-d6    | 5.995  | 67    | 48160    | 4.662    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 93.200%  |
| 41) Toluene-d8                | 7.252  | 98    | 135688   | 4.011    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 80.200%  |
| 43) trans-1,3-Dichloroprop... | 7.561  | 79    | 17320    | 4.473    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 89.400%  |
| 46) 2-Hexanone-d5             | 8.037  | 63    | 66055    | 48.687   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 97.380%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.162 | 84    | 39494    | 5.274    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 105.400% |
| 66) 1,2-Dichlorobenzene-d4    | 11.571 | 152   | 55461    | 4.942    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 98.800%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 3) Chloromethane              | 1.217  | 50    | 1440     | 0.125    | ug/L   | 83       |
| 6) Bromomethane               | 1.500  | 94    | 750      | 0.163    | ug/L   | 96       |
| 34) Trichloroethene           | 5.847  | 95    | 2461     | 0.303    | ug/L   | 91       |
| 35) Methylcyclohexane         | 5.995  | 83    | 13429    | 1.066    | ug/L # | 18       |
| 44) trans-1,3-Dichloropropene | 7.568  | 75    | 1272     | 0.138    | ug/L   | 87       |
| 48) 2-Hexanone                | 8.092  | 43    | 10448    | 3.636    | ug/L   | 96       |
| 71) Naphthalene               | 13.458 | 128   | 1357     | 0.093    | ug/L # | 89       |
| -----                         |        |       |          |          |        |          |

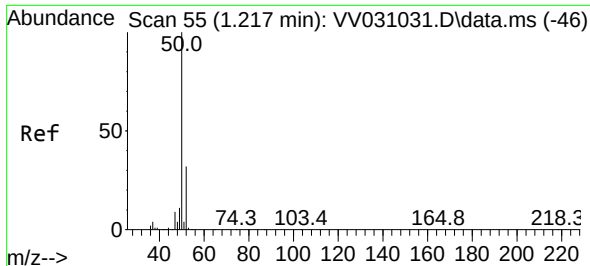
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

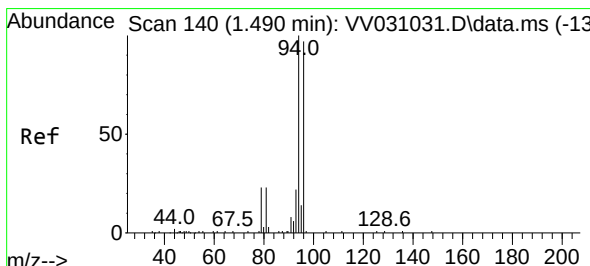
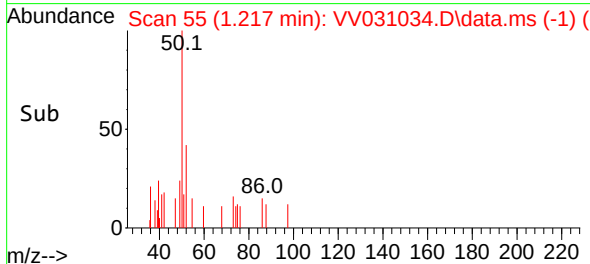
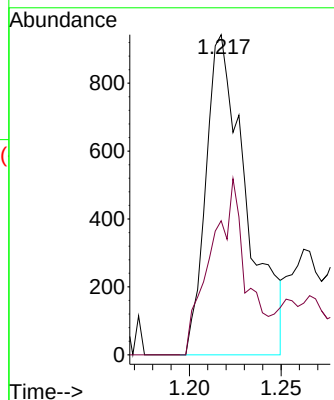
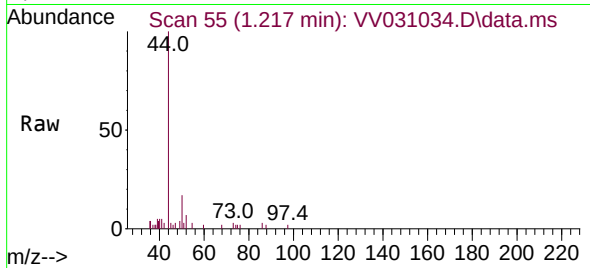




#3  
Chloromethane  
Concen: 0.125 ug/L  
RT: 1.217 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VV031034.D  
Acq: 15 May 2023 18:32

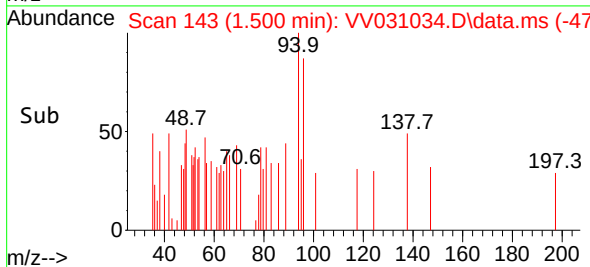
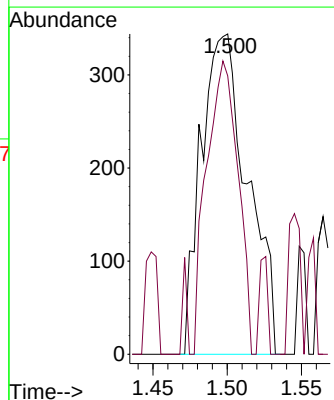
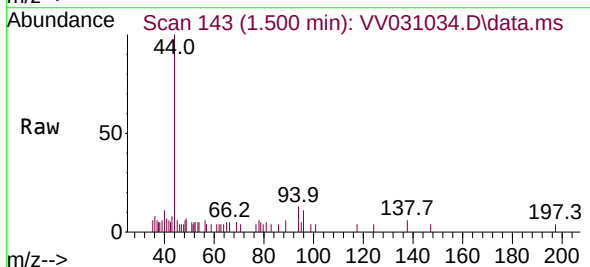
Instrument :  
MSVOA\_V  
ClientSampleId :  
CONN9

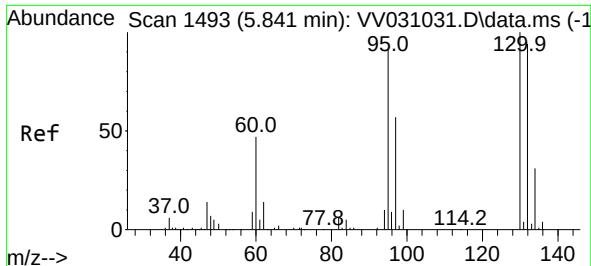
Tgt Ion: 50 Resp: 1440  
Ion Ratio Lower Upper  
50 100  
52 41.9 22.8 42.4



#6  
Bromomethane  
Concen: 0.163 ug/L  
RT: 1.500 min Scan# 143  
Delta R.T. 0.010 min  
Lab File: VV031034.D  
Acq: 15 May 2023 18:32

Tgt Ion: 94 Resp: 750  
Ion Ratio Lower Upper  
94 100  
96 86.9 63.4 117.8



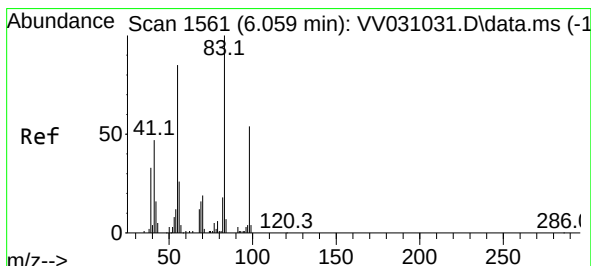
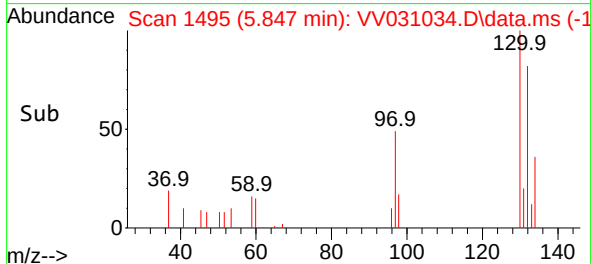
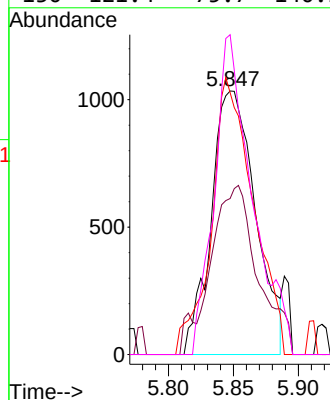
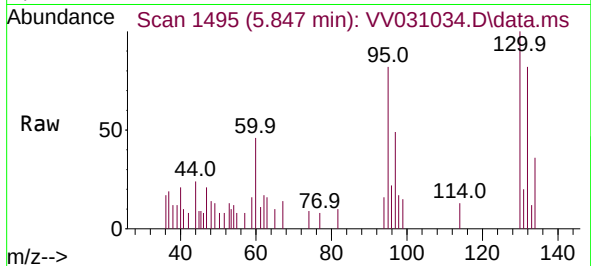


#34  
Trichloroethene  
Concen: 0.303 ug/L  
RT: 5.847 min Scan# 1493  
Delta R.T. 0.007 min  
Lab File: VV031034.D  
Acq: 15 May 2023 18:32

Instrument :  
MSVOA\_V  
ClientSampleId :  
CONN9

Tgt Ion: 95 Resp: 2461

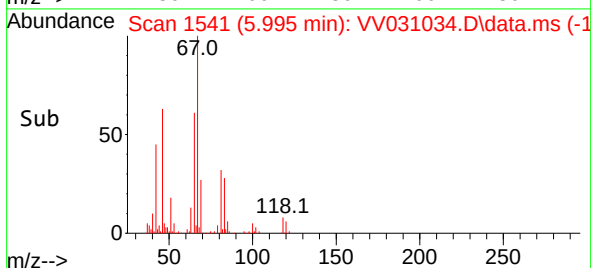
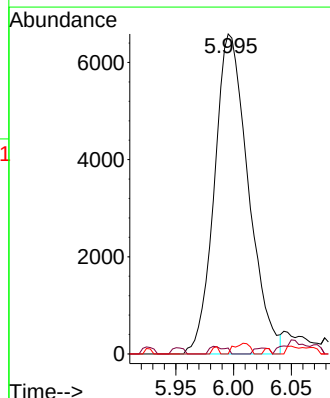
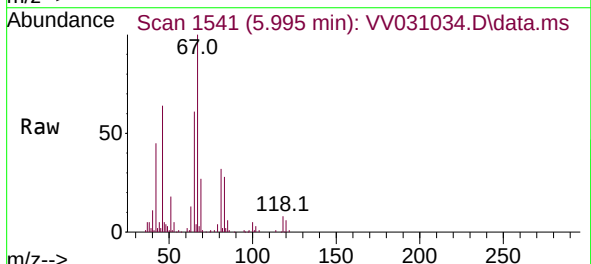
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 59.2  | 46.2  | 85.8  |
| 132 | 99.4  | 72.7  | 135.1 |
| 130 | 121.4 | 75.7  | 140.5 |

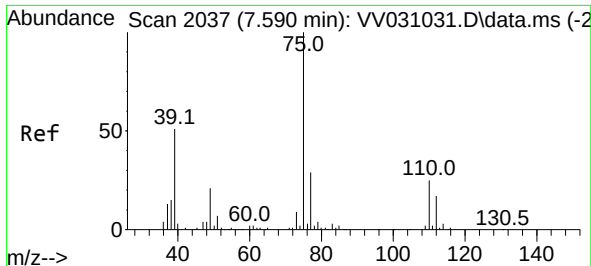


#35  
Methylcyclohexane  
Concen: 1.066 ug/L  
RT: 5.995 min Scan# 1541  
Delta R.T. -0.064 min  
Lab File: VV031034.D  
Acq: 15 May 2023 18:32

Tgt Ion: 83 Resp: 13429

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 1.1   | 62.9  | 94.3# |
| 98  | 0.4   | 40.5  | 60.7# |

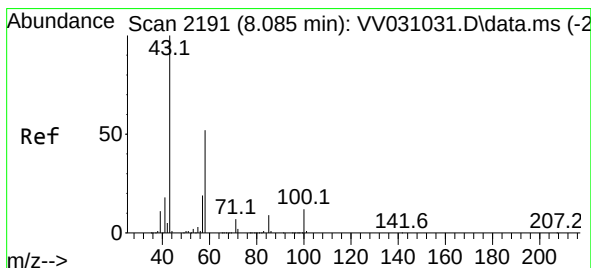
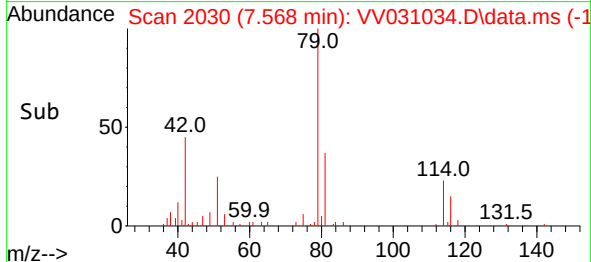
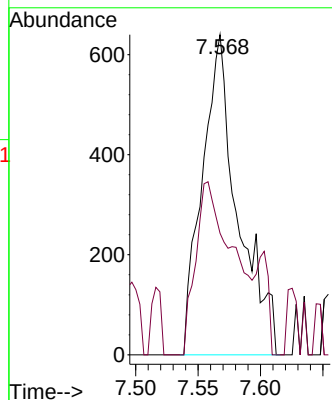
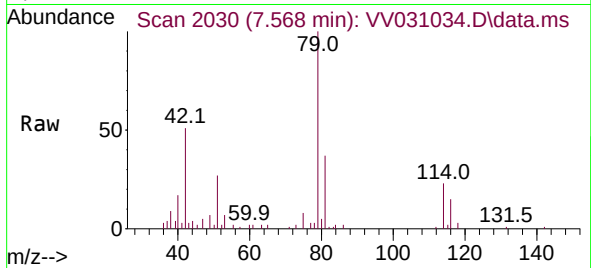




#44  
trans-1,3-Dichloropropene  
Concen: 0.138 ug/L  
RT: 7.568 min Scan# 2030  
Delta R.T. -0.022 min  
Lab File: VV031034.D  
Acq: 15 May 2023 18:32

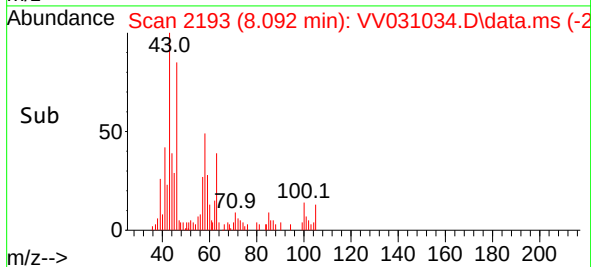
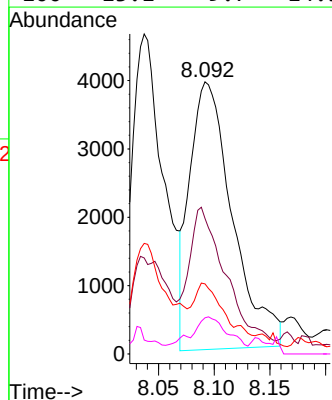
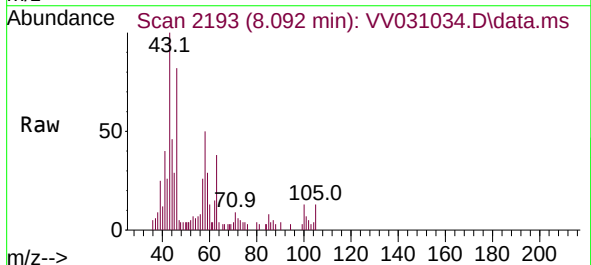
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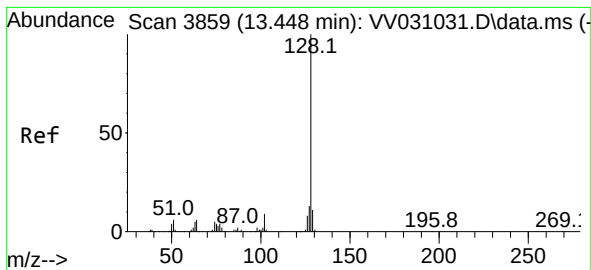
Tgt Ion: 75 Resp: 1272  
Ion Ratio Lower Upper  
75 100  
77 38.0 21.6 40.0



#48  
2-Hexanone  
Concen: 3.636 ug/L  
RT: 8.092 min Scan# 2193  
Delta R.T. 0.007 min  
Lab File: VV031034.D  
Acq: 15 May 2023 18:32

Tgt Ion: 43 Resp: 10448  
Ion Ratio Lower Upper  
43 100  
58 47.7 39.9 59.9  
57 14.4 14.1 21.1  
100 13.1 9.7 14.5





#71

Naphthalene

Concen: 0.093 ug/L

RT: 13.458 min Scan# 3862

Delta R.T. 0.010 min

Lab File: VV031034.D

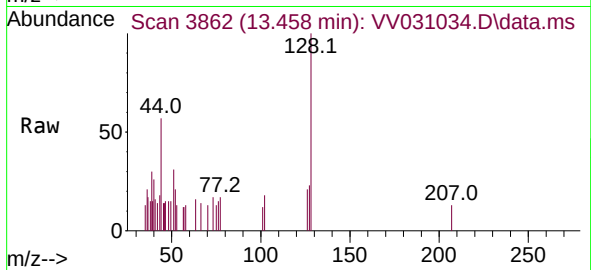
Acq: 15 May 2023 18:32

Instrument :

MSVOA\_V

ClientSampleId :

CONN9



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 1357  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 5.1   | 8.6   | 13.0# |
| 127      | 10.5  | 10.6  | 16.0# |

