

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV021424\  
 Data File : VV034179.D  
 Acq On : 14 Feb 2024 14:15  
 Operator : SY/MD  
 Sample : P1455-14  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Feb 15 01:30:17 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR012524WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Feb 15 01:26:50 2024  
 Response via : Initial Calibration

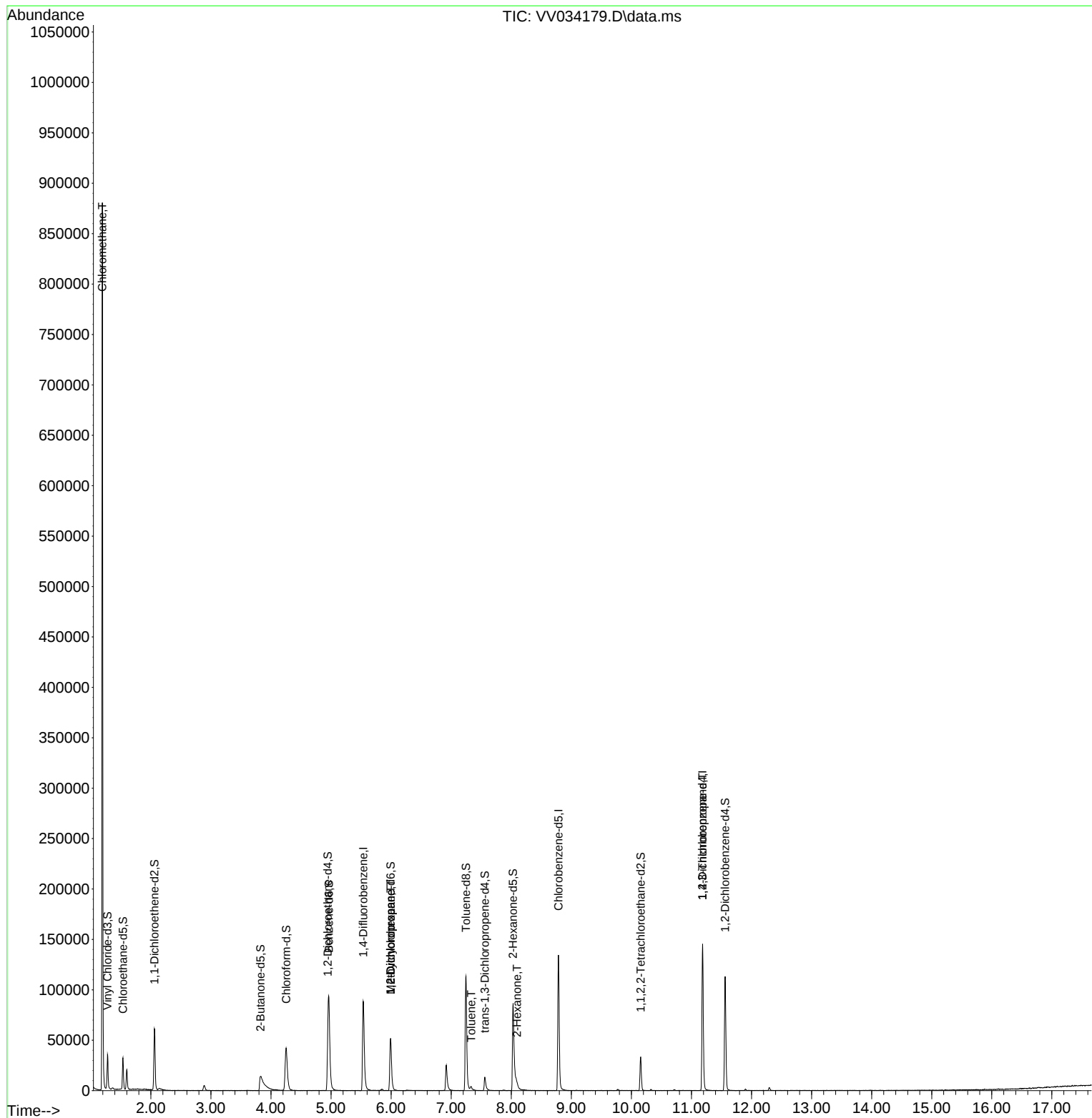
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.535  | 114   | 78502    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.786  | 117   | 72272    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185 | 152   | 37102    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65    | 20338    | 3.345    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 67.000%  |
| 7) Chloroethane-d5            | 1.535  | 69    | 19552    | 3.672    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 73.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.060  | 65    | 10562    | 3.602    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 72.000%  |
| 20) 2-Butanone-d5             | 3.825  | 46    | 39978    | 39.153   | ug/L   | 0.03     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 78.300%  |
| 24) Chloroform-d              | 4.252  | 84    | 45633    | 4.131    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 82.600%  |
| 26) 1,2-Dichloroethane-d4     | 4.947  | 65    | 23120    | 4.478    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 89.600%  |
| 32) Benzene-d6                | 4.963  | 84    | 83561    | 3.854    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 77.000%  |
| 36) 1,2-Dichloropropane-d6    | 5.992  | 67    | 23892    | 3.942    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 78.800%  |
| 41) Toluene-d8                | 7.246  | 98    | 75997    | 3.814    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 76.200%  |
| 43) trans-1,3-Dichloroprop... | 7.561  | 79    | 9594     | 4.192    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 83.800%  |
| 46) 2-Hexanone-d5             | 8.030  | 63    | 31368    | 38.393   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 76.780%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.156 | 84    | 15204    | 4.138    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 82.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.561 | 152   | 28542    | 4.230    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 84.600%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 3) Chloromethane              | 1.191  | 50    | 5940     | 0.757    | ug/L # | 65       |
| 35) Methylcyclohexane         | 5.992  | 83    | 6132     | 0.623    | ug/L # | 17       |
| 37) 1,2-Dichloropropane       | 5.992  | 63    | 3121     | 0.594    | ug/L # | 87       |
| 42) Toluene                   | 7.333  | 91    | 3486     | 0.150    | ug/L   | 94       |
| 48) 2-Hexanone                | 8.095  | 43    | 4636     | 2.616    | ug/L # | 85       |
| 61) 1,2,3-Trichloropropane    | 11.185 | 75    | 4547     | 1.783    | ug/L # | 62       |
| -----                         |        |       |          |          |        |          |

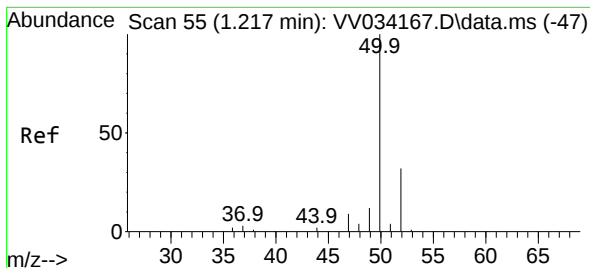
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Feb 15 01:26:50 2024  
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#3

Chloromethane

Concen: 0.757 ug/L

RT: 1.191 min Scan# 41

Delta R.T. -0.026 min

Lab File: VV034179.D

Acq: 14 Feb 2024 14:15

Instrument :

MSVOA\_V

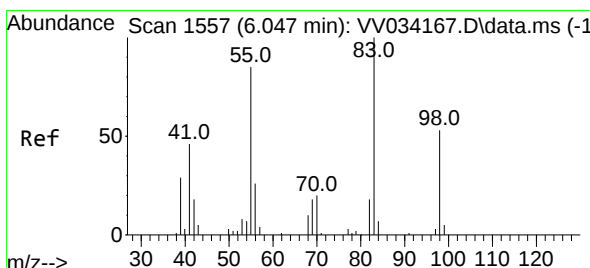
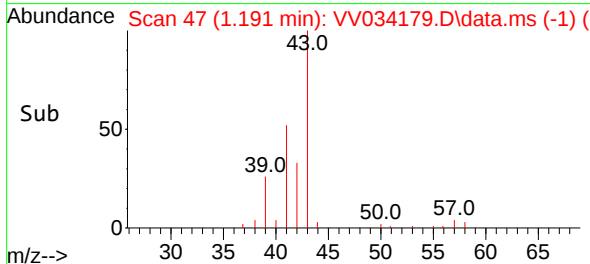
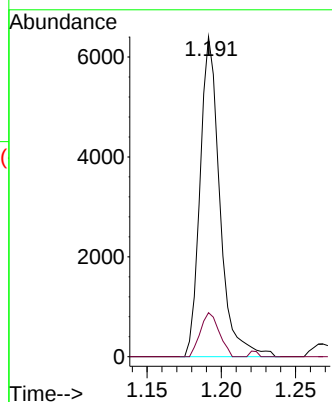
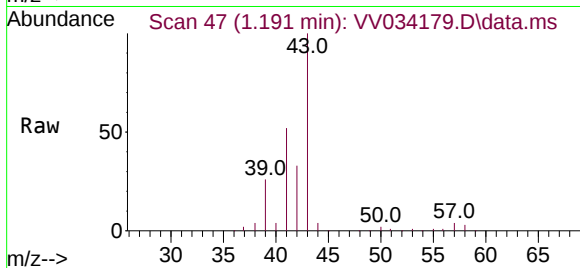
ClientSampleId :

Tgt Ion: 50 Resp: 5940

Ion Ratio Lower Upper

50 100

52 13.7 23.4 43.4#



#35

Methylcyclohexane

Concen: 0.623 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.055 min

Lab File: VV034179.D

Acq: 14 Feb 2024 14:15

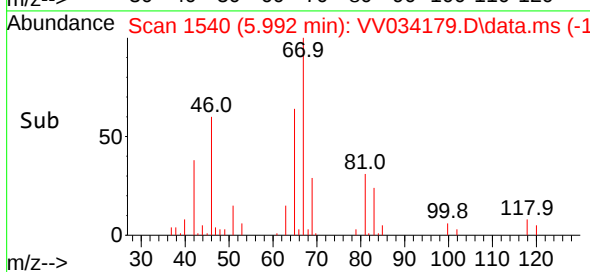
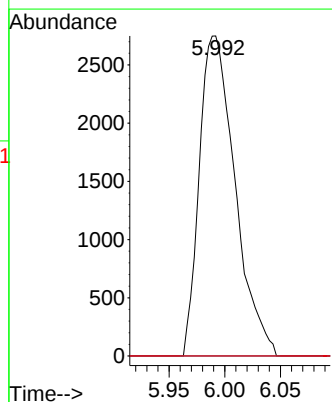
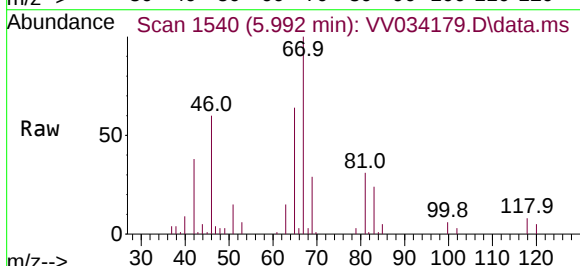
Tgt Ion: 83 Resp: 6132

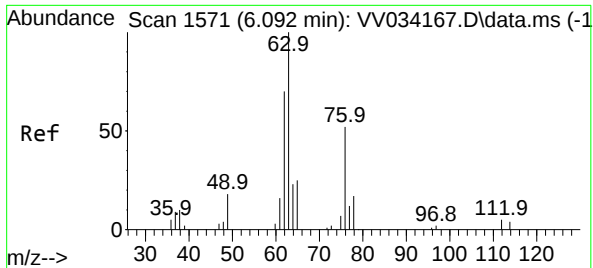
Ion Ratio Lower Upper

83 100

55 0.0 63.5 95.3#

98 0.9 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.594 ug/L

RT: 5.992 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV034179.D

Acq: 14 Feb 2024 14:15

Instrument :

MSVOA\_V

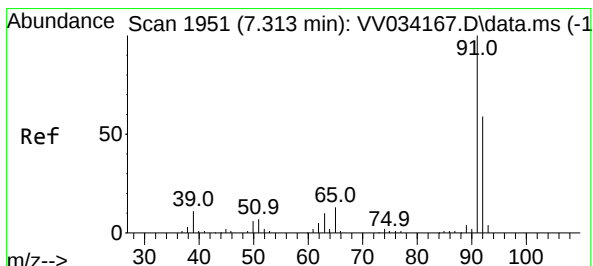
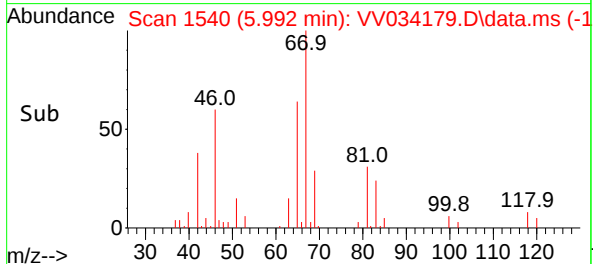
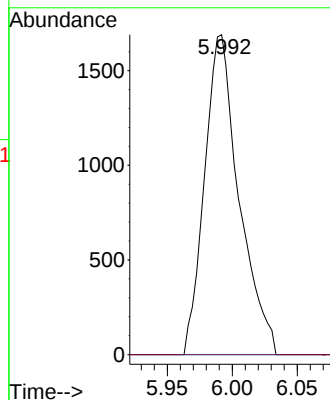
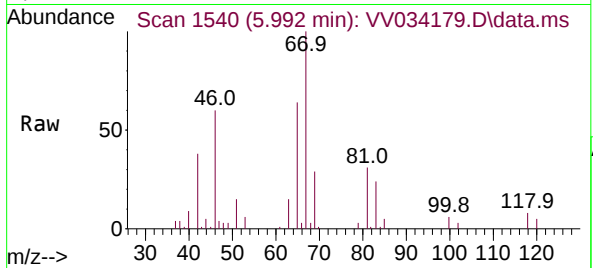
ClientSampleId :

Tgt Ion: 63 Resp: 3121

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#42

Toluene

Concen: 0.150 ug/L

RT: 7.333 min Scan# 1957

Delta R.T. 0.019 min

Lab File: VV034179.D

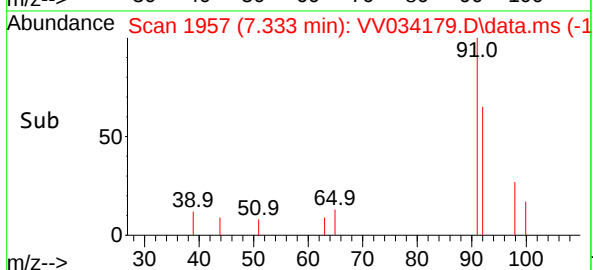
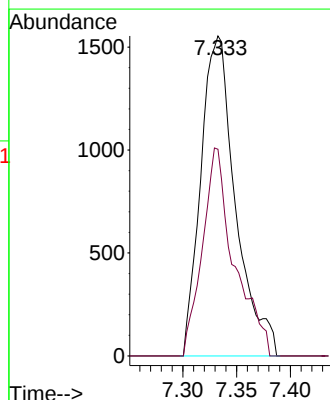
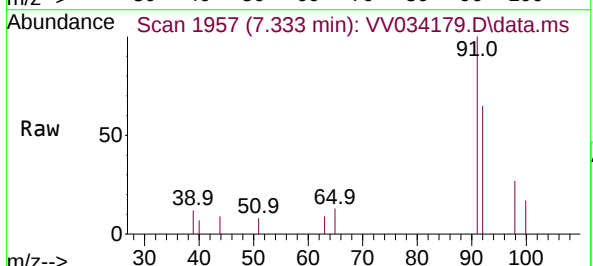
Acq: 14 Feb 2024 14:15

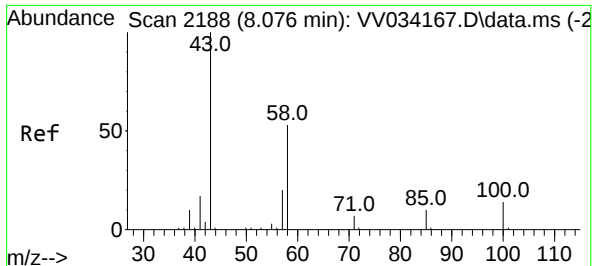
Tgt Ion: 91 Resp: 3486

Ion Ratio Lower Upper

91 100

92 64.6 42.1 78.3



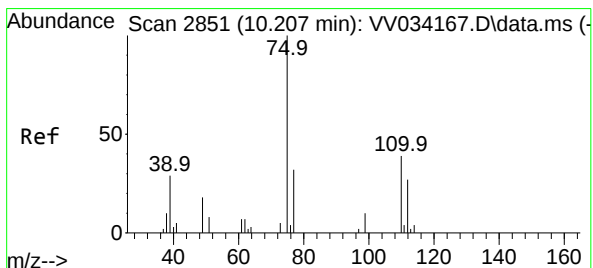
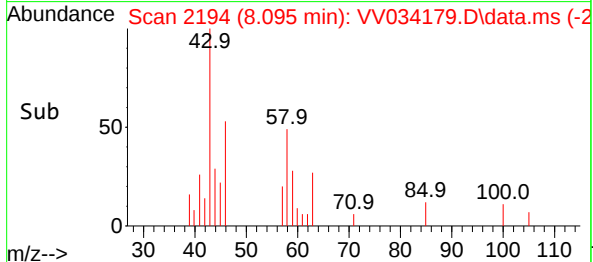
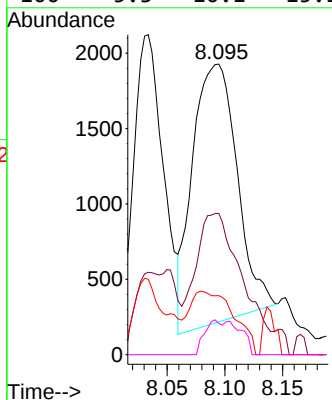
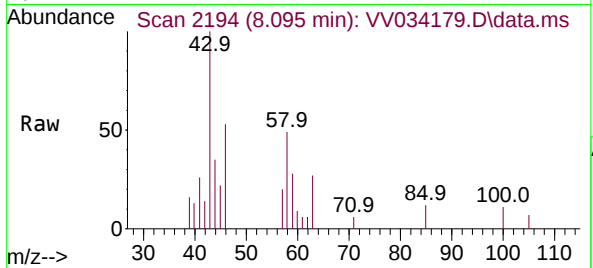


#48  
2-Hexanone  
Concen: 2.616 ug/L  
RT: 8.095 min Scan# 2188  
Delta R.T. 0.019 min  
Lab File: VV034179.D  
Acq: 14 Feb 2024 14:15

Instrument :  
MSVOA\_V  
ClientSampleId :

Tgt Ion: 43 Resp: 4636

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 42.1  | 42.6  | 64.0# |
| 57  | 24.7  | 15.5  | 23.3# |
| 100 | 5.3   | 10.1  | 15.1# |



#61  
1,2,3-Trichloropropane  
Concen: 1.783 ug/L  
RT: 11.185 min Scan# 3155  
Delta R.T. 0.977 min  
Lab File: VV034179.D  
Acq: 14 Feb 2024 14:15

Tgt Ion: 75 Resp: 4547

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 39.4  | 26.9  | 40.3  |
| 110 | 3.0   | 33.3  | 49.9# |

