

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV091123\  
 Data File : VV032034.D  
 Acq On : 11 Sep 2023 18:21  
 Operator : SY/MD  
 Sample : 04306-14 40X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Sep 12 06:01:49 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR082323WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Sep 09 21:51:31 2023  
 Response via : Initial Calibration

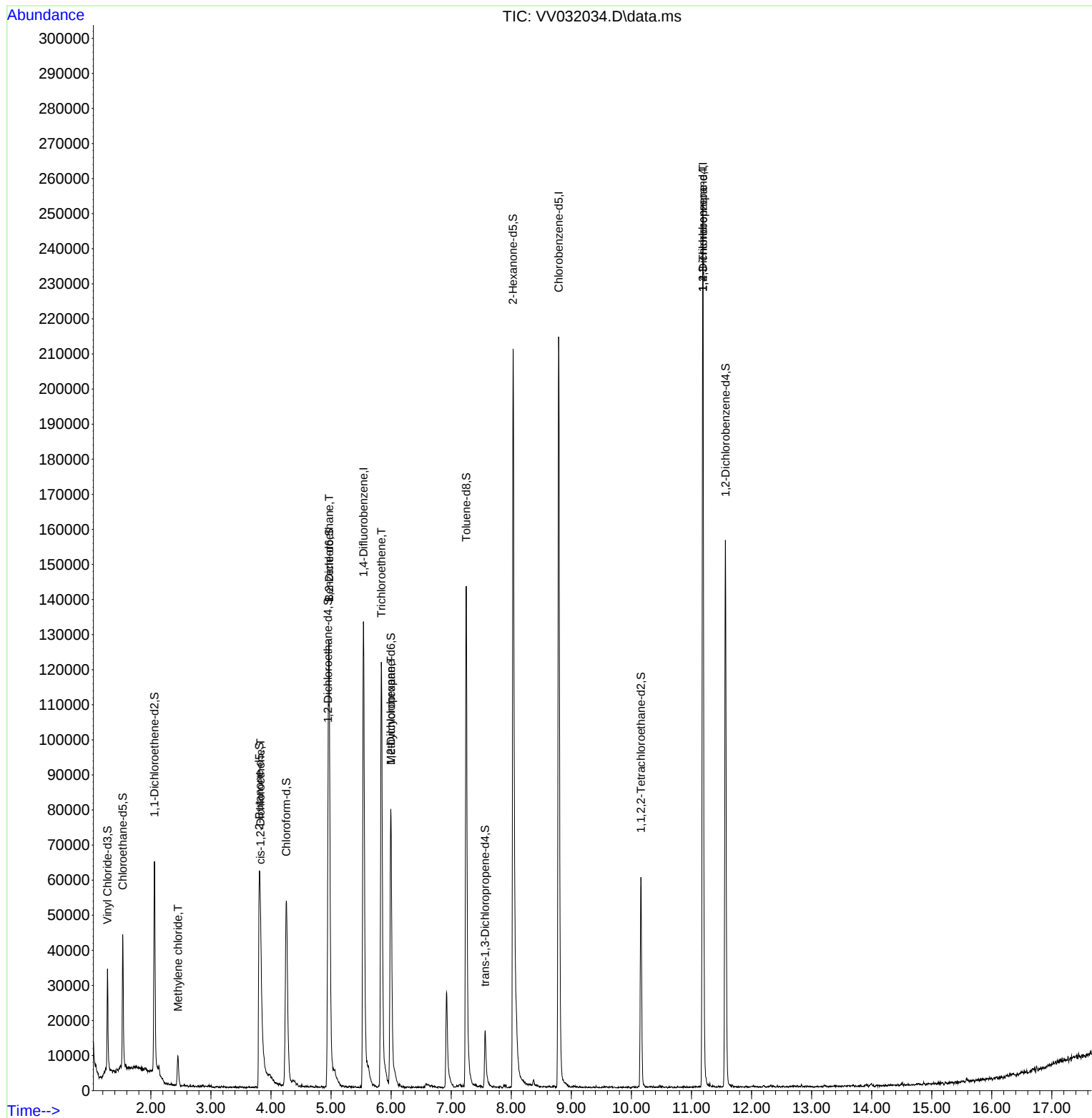
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.539  | 114            | 117129   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.789  | 117            | 117196   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.191 | 152            | 62019    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65             | 18435    | 4.660  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 93.200%  |          |
| 7) Chloroethane-d5            | 1.532  | 69             | 23726    | 5.235  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 104.800% |          |
| 11) 1,1-Dichloroethene-d2     | 2.060  | 65             | 10632    | 4.567  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 91.400%  |          |
| 20) 2-Butanone-d5             | 3.806  | 46             | 108188   | 56.495 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 113.000% |          |
| 24) Chloroform-d              | 4.256  | 84             | 58069    | 4.337  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 86.800%  |          |
| 26) 1,2-Dichloroethane-d4     | 4.950  | 65             | 31176    | 4.519  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 90.400%  |          |
| 32) Benzene-d6                | 4.966  | 84             | 112296   | 4.211  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 84.200%  |          |
| 36) 1,2-Dichloropropane-d6    | 5.995  | 67             | 43364    | 4.611  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 92.200%  |          |
| 41) Toluene-d8                | 7.249  | 98             | 100525   | 4.062  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 81.200%  |          |
| 43) trans-1,3-Dichloroprop... | 7.564  | 79             | 11017    | 3.213  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 64.200%  |          |
| 46) 2-Hexanone-d5             | 8.030  | 63             | 79679    | 43.580 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 87.160%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.159 | 84             | 29857    | 4.425  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 88.600%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.567 | 152            | 38110    | 3.794  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 75.800%# |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 16) Methylene chloride        | 2.452  | 84             | 3101     | 0.362  | ug/L     | 98       |
| 22) cis-1,2-Dichloroethene    | 3.825  | 96             | 6899     | 1.002  | ug/L     | 95       |
| 27) 1,2-Dichloroethane        | 4.966  | 62             | 724      | 0.096  | ug/L #   | 75       |
| 34) Trichloroethene           | 5.838  | 95             | 46902    | 5.944  | ug/L     | 97       |
| 35) Methylcyclohexane         | 5.995  | 83             | 9765     | 0.850  | ug/L #   | 18       |
| 61) 1,2,3-Trichloropropane    | 11.191 | 75             | 8773     | 1.921  | ug/L #   | 67       |
| -----                         |        |                |          |        |          |          |

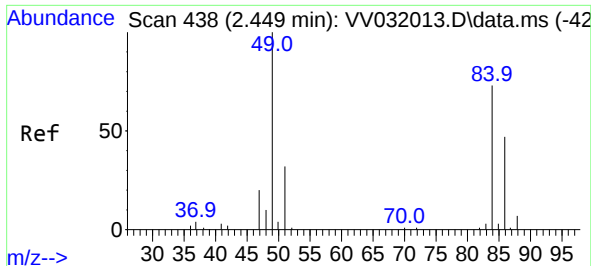
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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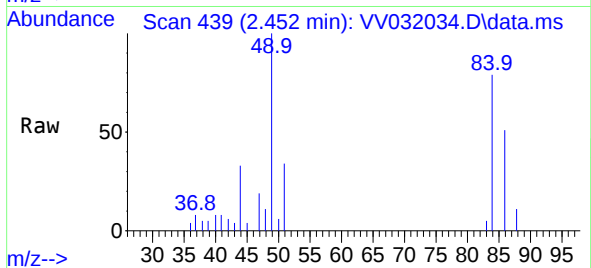
Quant Time: Sep 12 06:01:49 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR082323WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Sat Sep 09 21:51:31 2023  
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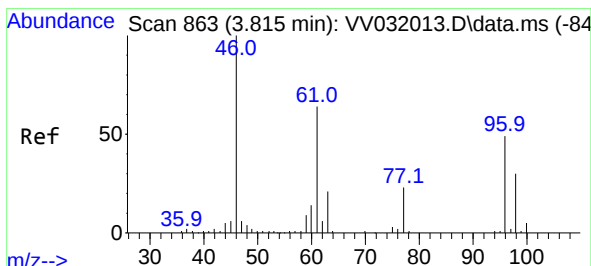
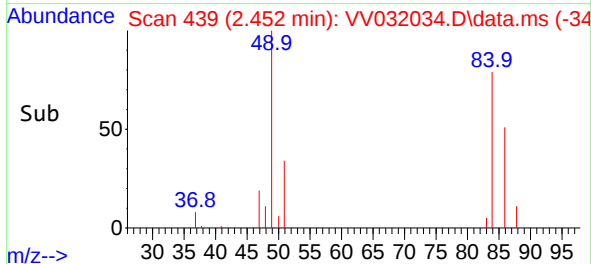
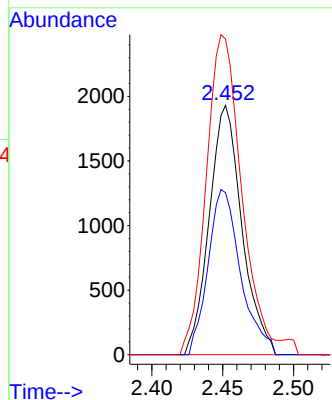


#16  
Methylene chloride  
Concen: 0.362 ug/L  
RT: 2.452 min Scan# 41  
Delta R.T. 0.003 min  
Lab File: VV032034.D  
Acq: 11 Sep 2023 18:21

Instrument :  
MSVOA\_V  
ClientSampleId :

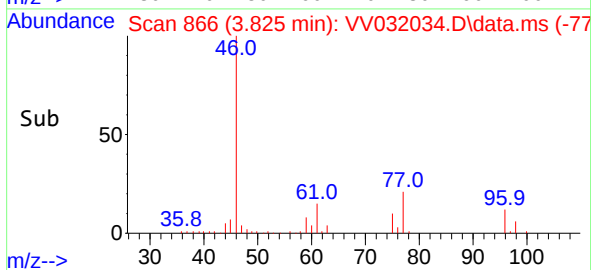
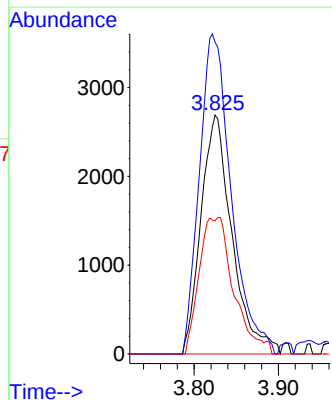
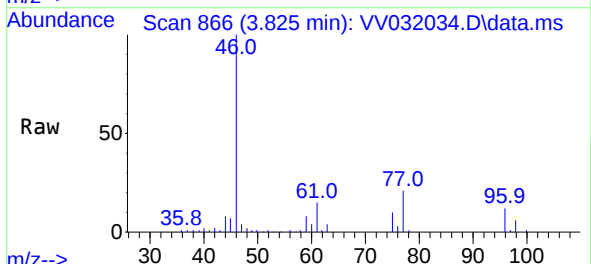


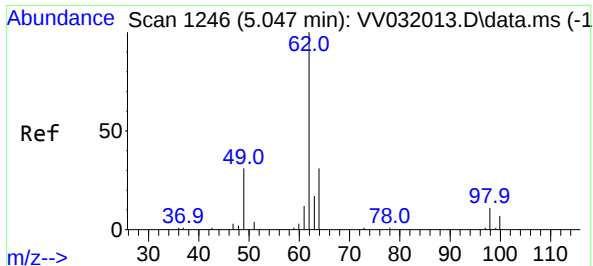
Tgt Ion: 84 Resp: 3101  
Ion Ratio Lower Upper  
84 100  
86 65.0 42.6 79.2  
49 126.6 88.5 164.4



#22  
cis-1,2-Dichloroethene  
Concen: 1.002 ug/L  
RT: 3.825 min Scan# 866  
Delta R.T. 0.010 min  
Lab File: VV032034.D  
Acq: 11 Sep 2023 18:21

Tgt Ion: 96 Resp: 6899  
Ion Ratio Lower Upper  
96 100  
61 130.5 94.1 174.8  
98 55.8 43.8 81.4

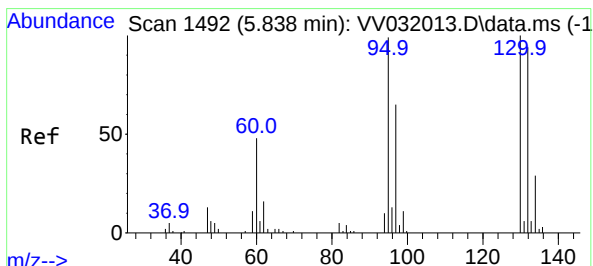
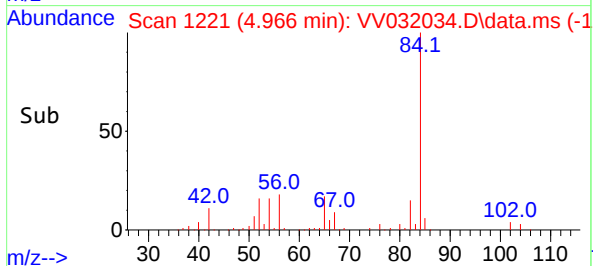
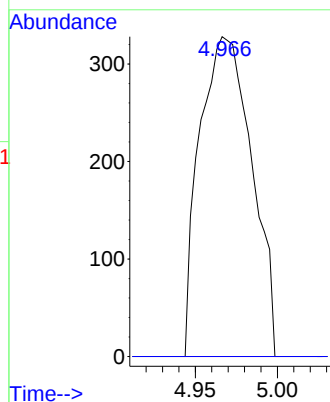
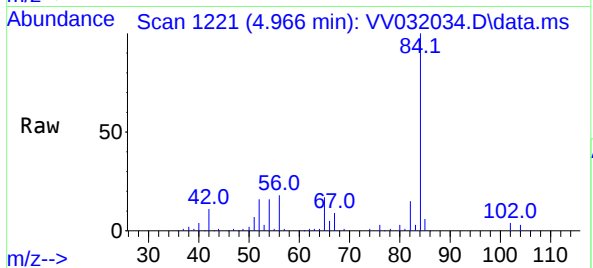




#27  
1,2-Dichloroethane  
Concen: 0.096 ug/L  
RT: 4.966 min Scan# 11  
Delta R.T. -0.080 min  
Lab File: VV032034.D  
Acq: 11 Sep 2023 18:21

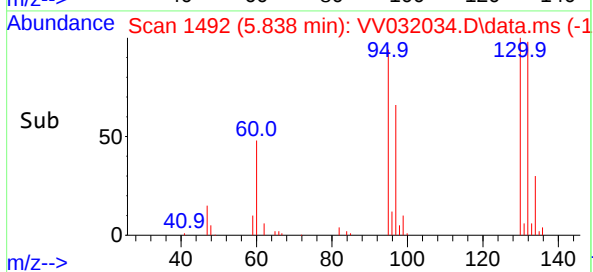
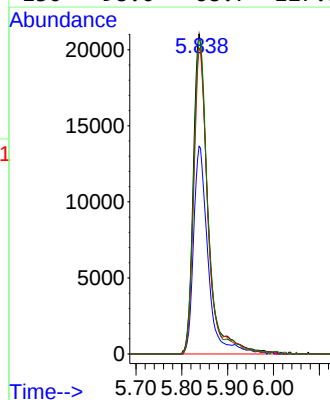
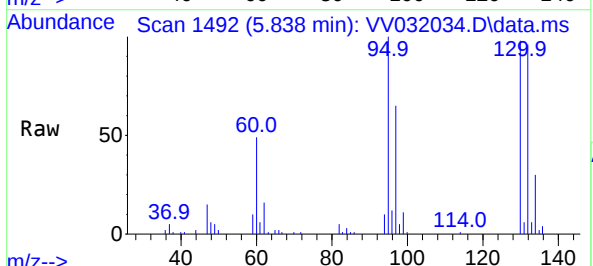
Instrument :  
MSVOA\_V  
ClientSampleId :

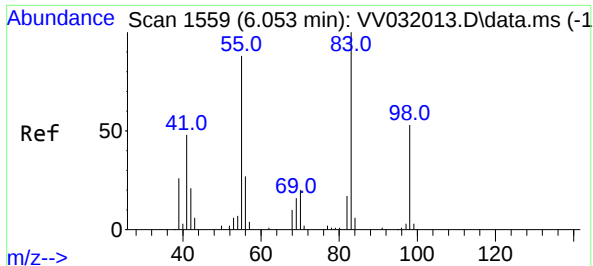
Tgt Ion: 62 Resp: 724  
Ion Ratio Lower Upper  
62 100  
98 0.0 7.2 10.8#



#34  
Trichloroethene  
Concen: 5.944 ug/L  
RT: 5.838 min Scan# 1492  
Delta R.T. 0.000 min  
Lab File: VV032034.D  
Acq: 11 Sep 2023 18:21

Tgt Ion: 95 Resp: 46902  
Ion Ratio Lower Upper  
95 100  
97 64.9 47.7 88.7  
132 95.6 63.8 118.4  
130 98.0 68.7 127.5

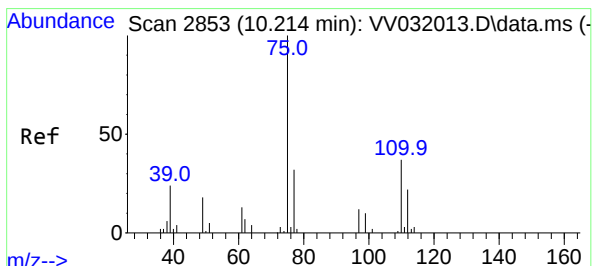
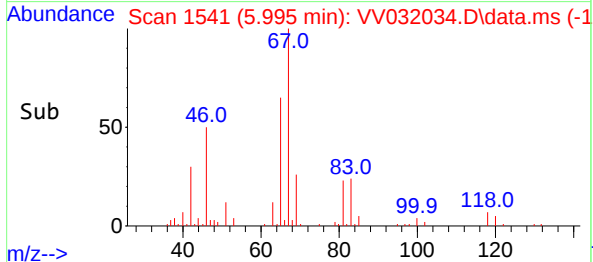
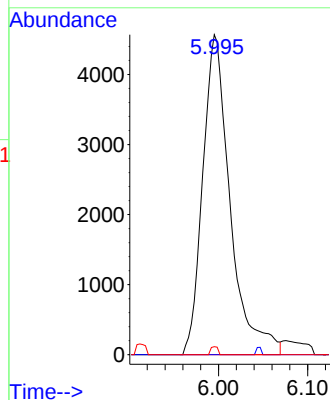
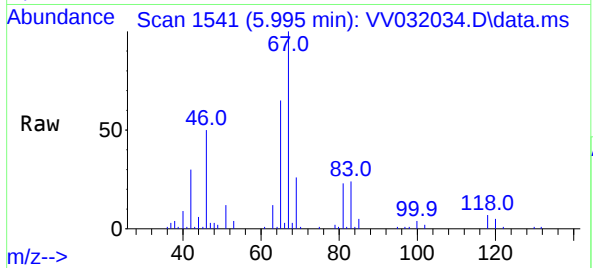




#35  
Methylcyclohexane  
Concen: 0.850 ug/L  
RT: 5.995 min Scan# 11  
Delta R.T. -0.058 min  
Lab File: VV032034.D  
Acq: 11 Sep 2023 18:21

Instrument :  
MSVOA\_V  
ClientSampleId :

Tgt Ion: 83 Resp: 9765  
Ion Ratio Lower Upper  
83 100  
55 0.4 62.6 94.0#  
98 0.6 37.8 56.8#



#61  
1,2,3-Trichloropropane  
Concen: 1.921 ug/L  
RT: 11.191 min Scan# 3157  
Delta R.T. 0.978 min  
Lab File: VV032034.D  
Acq: 11 Sep 2023 18:21

Tgt Ion: 75 Resp: 8773  
Ion Ratio Lower Upper  
75 100  
77 32.8 28.8 43.2  
110 2.4 30.2 45.2#

