

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW061323\  
 Data File : VW031508.D  
 Acq On : 13 Jun 2023 11:33  
 Operator : SY/MD  
 Sample : 03101-12  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EZES2

Quant Time: Jun 13 23:48:57 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM060723WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jun 13 23:48:05 2023  
 Response via : Initial Calibration

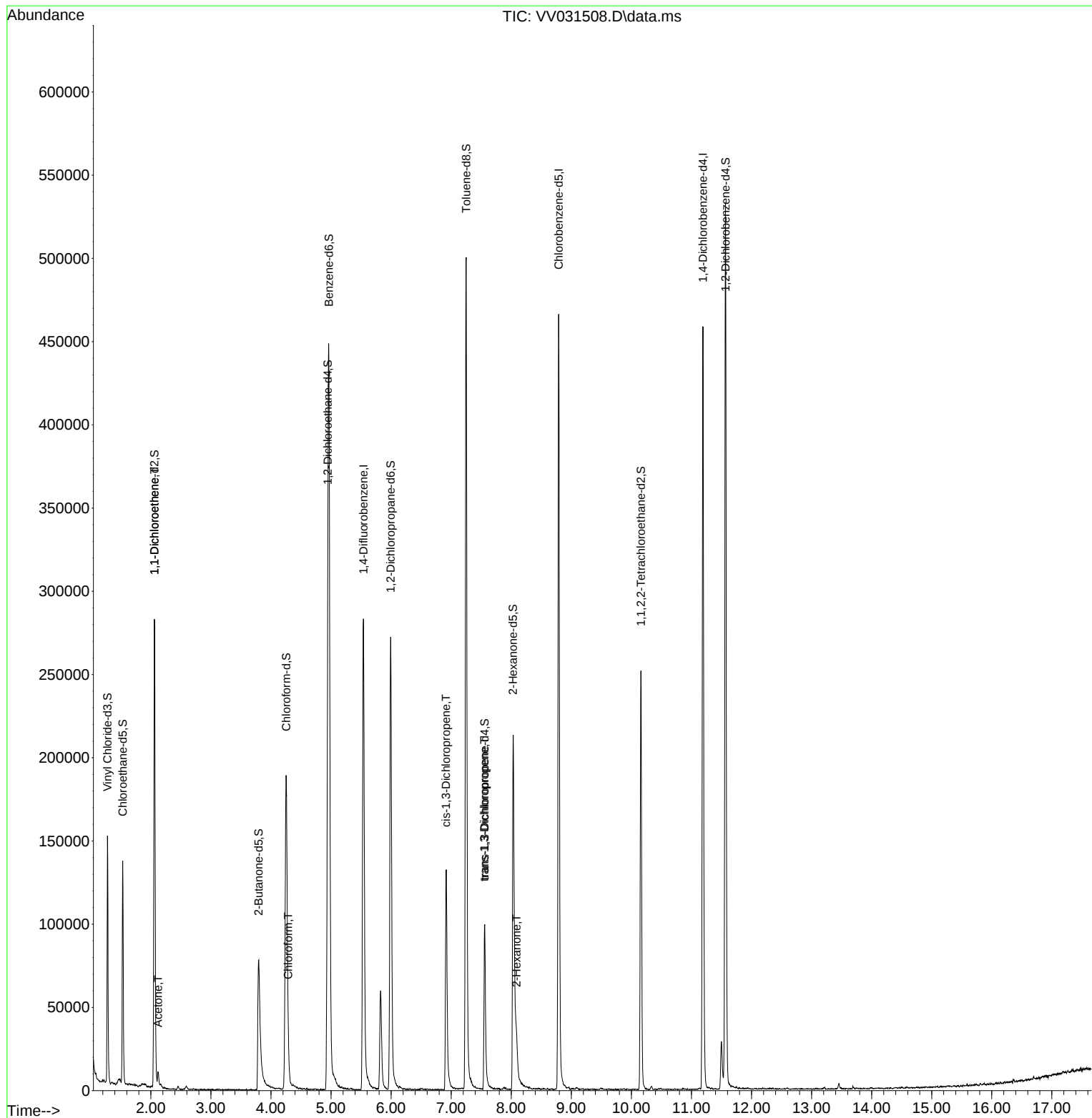
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.538   | 114   | 231551   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.789   | 117   | 241798   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.191  | 152   | 118994   | 50.000   | ug/L   | 0.00     |
|                               |         |       |          |          |        |          |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278   | 65    | 98509    | 48.354   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 96.700%  |
| 7) Chloroethane-d5            | 1.532   | 69    | 86181    | 52.250   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 104.500% |
| 11) 1,1-Dichloroethene-d2     | 2.059   | 65    | 50156    | 51.946   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 103.900% |
| 21) 2-Butanone-d5             | 3.796   | 46    | 139300   | 94.613   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 94.610%  |
| 24) Chloroform-d              | 4.252   | 84    | 200632   | 51.773   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 103.540% |
| 26) 1,2-Dichloroethane-d4     | 4.947   | 65    | 142137   | 54.674   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 109.340% |
| 32) Benzene-d6                | 4.963   | 84    | 379243   | 53.124   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 106.240% |
| 36) 1,2-Dichloropropane-d6    | 5.992   | 67    | 133730   | 53.893   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 107.780% |
| 41) Toluene-d8                | 7.249   | 98    | 335765   | 51.200   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 102.400% |
| 43) trans-1,3-Dichloroprop... | 7.558   | 79    | 58976    | 47.183   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 94.360%  |
| 47) 2-Hexanone-d5             | 8.030   | 63    | 66200    | 70.833   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 70.830%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.159  | 84    | 119382   | 38.123   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 76.240%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.567  | 152   | 132018   | 59.807   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 119.620% |
|                               |         |       |          |          |        |          |
| Target Compounds              |         |       |          |          |        | Qvalue   |
| 12) 1,1-Dichloroethene        | 2.059   | 96    | 1345     | 1.456    | ug/L # | 1        |
| 13) Acetone                   | 2.121   | 43    | 8180     | 6.211    | ug/L   | 98       |
| 25) Chloroform                | 4.288   | 83    | 9988     | 2.957    | ug/L   | 87       |
| 39) cis-1,3-Dichloropropene   | 6.915   | 75    | 3561     | 1.241    | ug/L # | 72       |
| 44) trans-1,3-Dichloropropene | 7.554   | 75    | 2790     | 0.959    | ug/L   | 99       |
| 48) 2-Hexanone                | 8.088   | 43    | 20212    | 8.277    | ug/L # | 85       |
| -----                         |         |       |          |          |        |          |

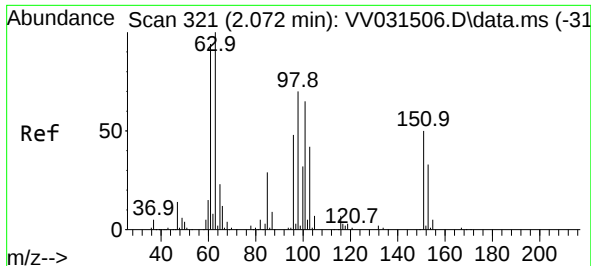
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : 03101-12  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
EZES2

Quant Time: Jun 13 23:48:57 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM060723WMA.M  
Quant Title : VOC Analysis  
QLast Update : Tue Jun 13 23:48:05 2023  
Response via : Initial Calibration

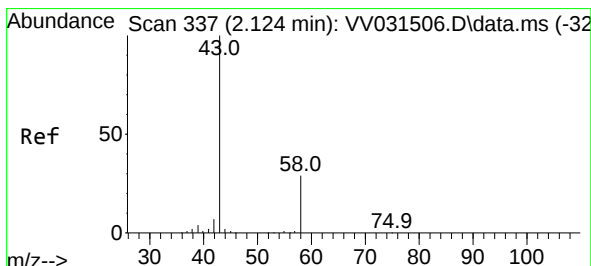
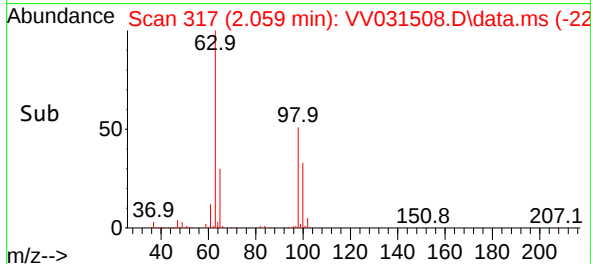
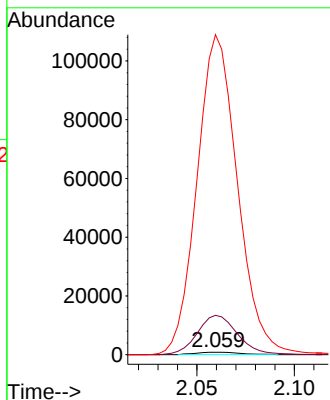
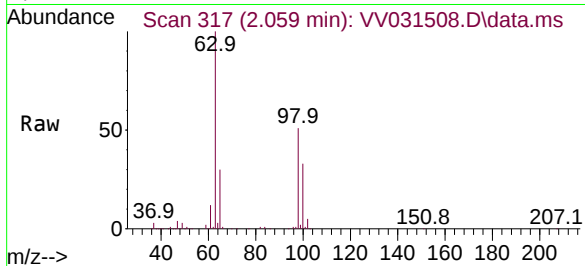




#12  
1,1-Dichloroethene  
Concen: 1.456 ug/L  
RT: 2.059 min Scan# 317  
Delta R.T. -0.013 min  
Lab File: VV031508.D  
Acq: 13 Jun 2023 11:33

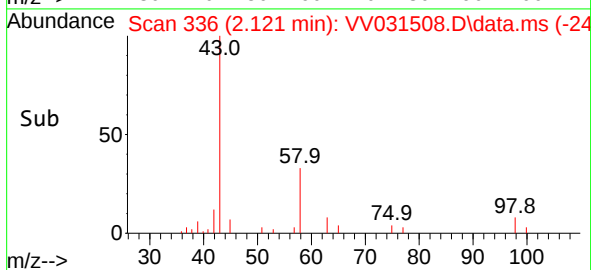
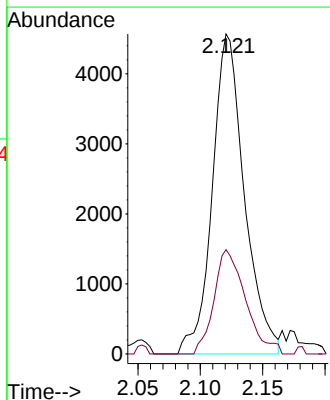
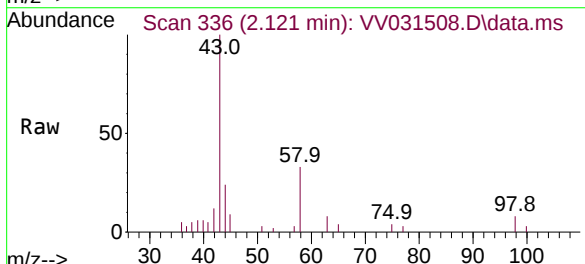
Instrument :  
MSVOA\_V  
ClientSampleId :  
EZES2

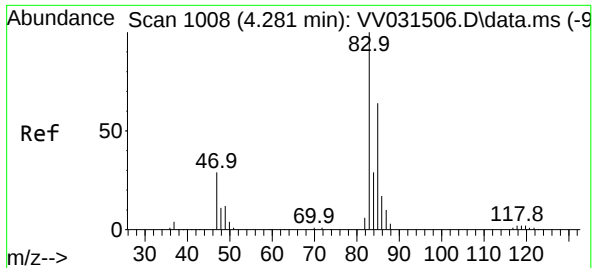
Tgt Ion: 96 Resp: 1345  
Ion Ratio Lower Upper  
96 100  
61 1606.2 143.9 267.3#  
63 13031.6 158.3 293.9#



#13  
Acetone  
Concen: 6.211 ug/L  
RT: 2.121 min Scan# 336  
Delta R.T. -0.003 min  
Lab File: VV031508.D  
Acq: 13 Jun 2023 11:33

Tgt Ion: 43 Resp: 8180  
Ion Ratio Lower Upper  
43 100  
58 31.4 0.0 61.0





#25

Chloroform

Concen: 2.957 ug/L

RT: 4.288 min Scan# 1008

Delta R.T. 0.006 min

Lab File: VV031508.D

Acq: 13 Jun 2023 11:33

Instrument :

MSVOA\_V

ClientSampleId :

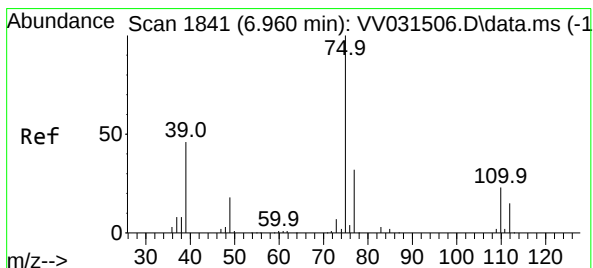
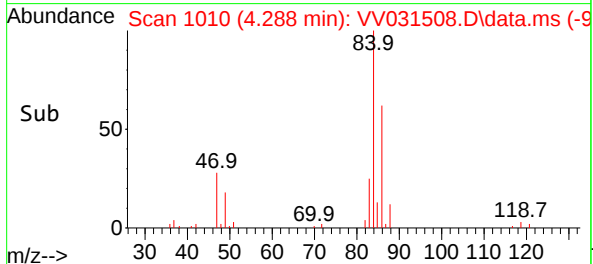
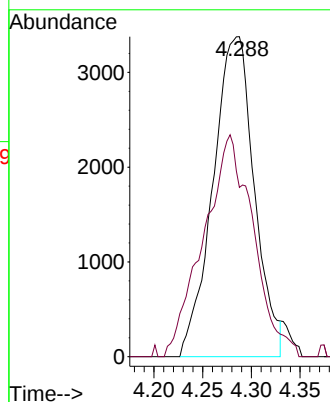
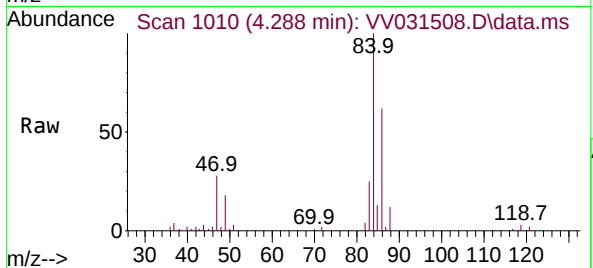
EZES2

Tgt Ion: 83 Resp: 9988

Ion Ratio Lower Upper

83 100

85 52.9 43.9 81.5



#39

cis-1,3-Dichloropropene

Concen: 1.241 ug/L

RT: 6.915 min Scan# 1827

Delta R.T. -0.045 min

Lab File: VV031508.D

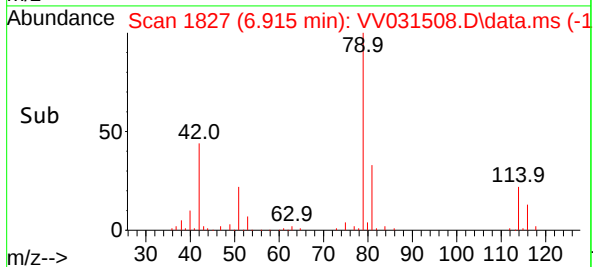
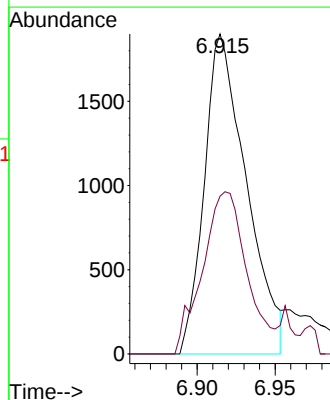
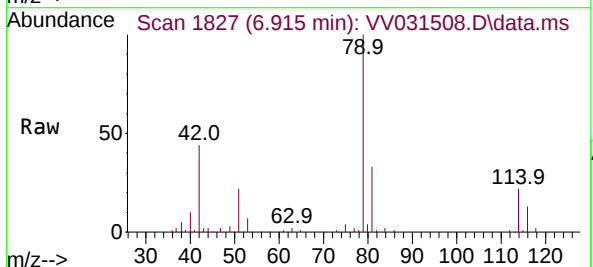
Acq: 13 Jun 2023 11:33

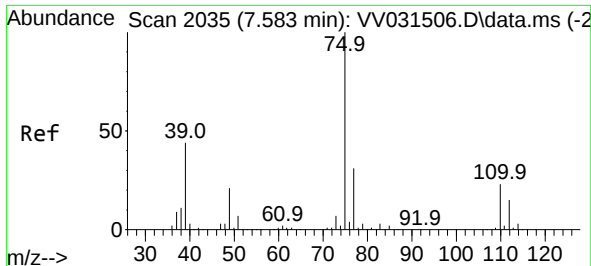
Tgt Ion: 75 Resp: 3561

Ion Ratio Lower Upper

75 100

77 49.3 23.2 43.2#

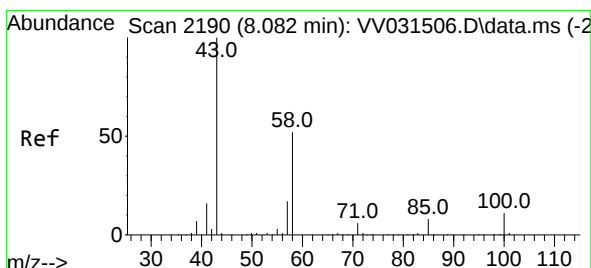
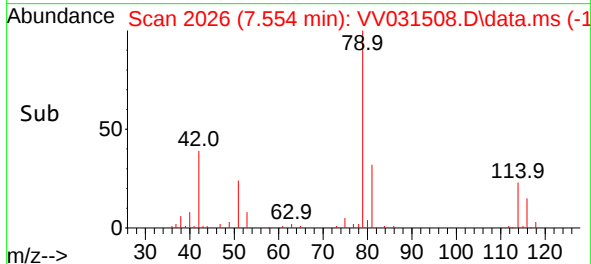
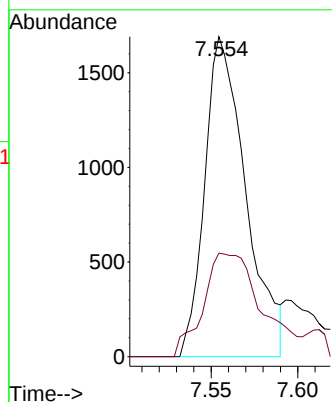
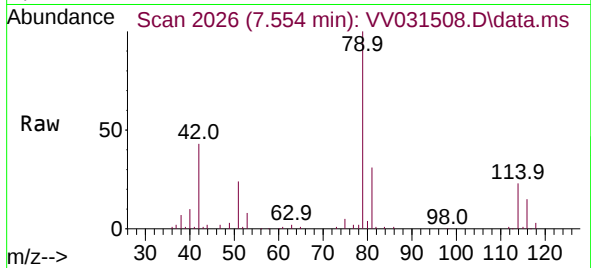




#44  
trans-1,3-Dichloropropene  
Concen: 0.959 ug/L  
RT: 7.554 min Scan# 2035  
Delta R.T. -0.029 min  
Lab File: VV031508.D  
Acq: 13 Jun 2023 11:33

Instrument :  
MSVOA\_V  
ClientSampleId :  
EZES2

Tgt Ion: 75 Resp: 2790  
Ion Ratio Lower Upper  
75 100  
77 32.3 22.2 41.2



#48  
2-Hexanone  
Concen: 8.277 ug/L  
RT: 8.088 min Scan# 2192  
Delta R.T. 0.006 min  
Lab File: VV031508.D  
Acq: 13 Jun 2023 11:33

Tgt Ion: 43 Resp: 20212  
Ion Ratio Lower Upper  
43 100  
58 41.7 42.9 64.3#  
57 11.9 14.6 22.0#  
100 7.7 8.2 12.2#

