

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV100523\  
 Data File : VV032266.D  
 Acq On : 05 Oct 2023 19:25  
 Operator : SY/MD  
 Sample : 04748-11  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Oct 06 01:32:11 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR092923WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Oct 06 01:20:04 2023  
 Response via : Initial Calibration

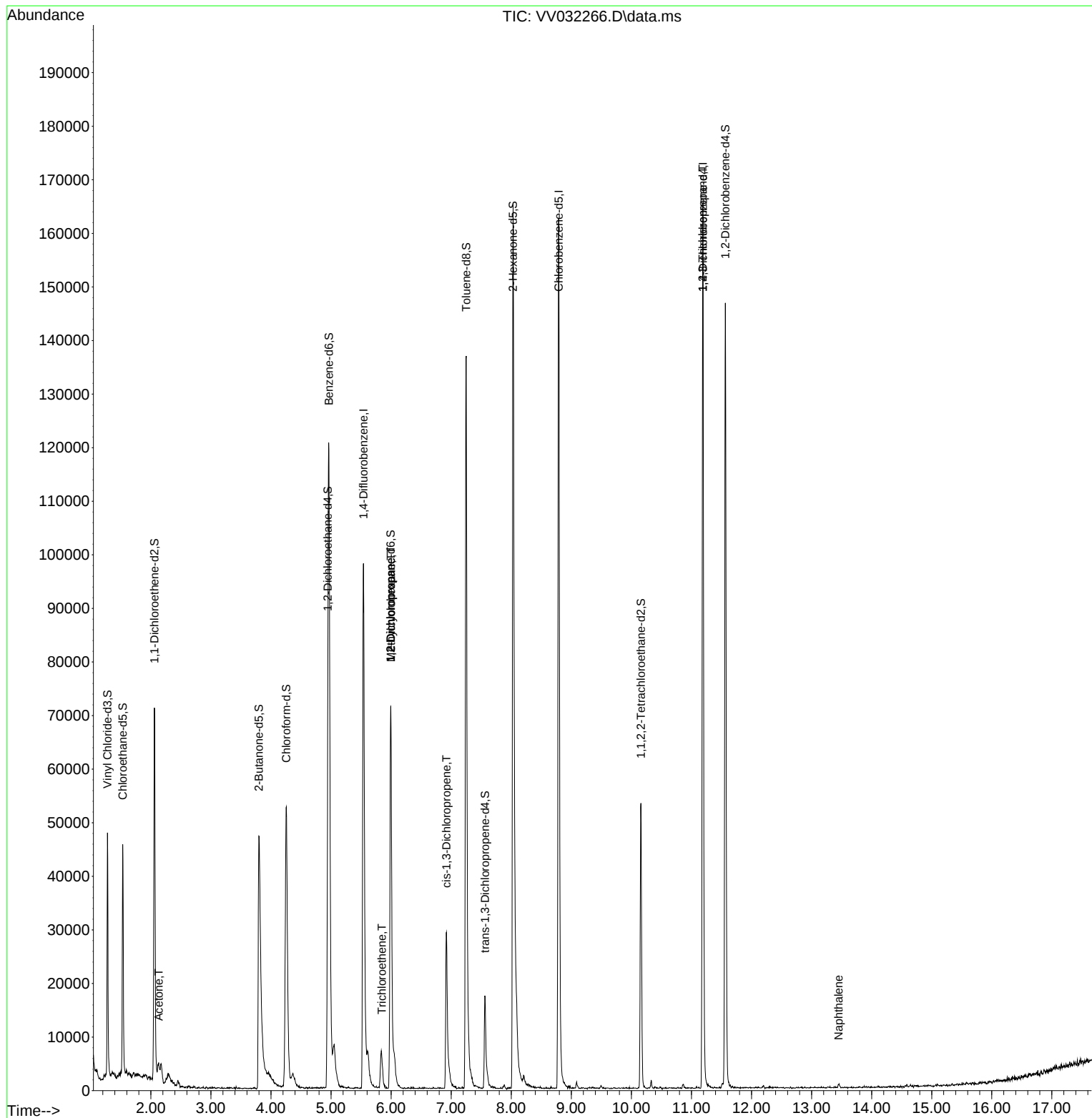
| Compound                      | R.T.   | QIon           | Response | Conc   | Units   | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|---------|----------|
| -----                         |        |                |          |        |         |          |
| Internal Standards            |        |                |          |        |         |          |
| 1) 1,4-Difluorobenzene        | 5.538  | 114            | 87088    | 5.000  | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 8.789  | 117            | 93045    | 5.000  | ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.191 | 152            | 42653    | 5.000  | ug/L    | 0.00     |
|                               |        |                |          |        |         |          |
| System Monitoring Compounds   |        |                |          |        |         |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65             | 28738    | 4.057  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 81.200% |          |
| 7) Chloroethane-d5            | 1.532  | 69             | 26713    | 4.646  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 93.000% |          |
| 11) 1,1-Dichloroethene-d2     | 2.059  | 65             | 12026    | 4.026  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 80.600% |          |
| 20) 2-Butanone-d5             | 3.799  | 46             | 84104    | 46.941 | ug/L    | -0.03    |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 93.880% |          |
| 24) Chloroform-d              | 4.256  | 84             | 56424    | 4.516  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 90.400% |          |
| 26) 1,2-Dichloroethane-d4     | 4.947  | 65             | 28567    | 4.827  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 96.600% |          |
| 32) Benzene-d6                | 4.963  | 84             | 109579   | 4.002  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 80.000% |          |
| 36) 1,2-Dichloropropane-d6    | 5.992  | 67             | 37307    | 4.113  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 82.200% |          |
| 41) Toluene-d8                | 7.249  | 98             | 98186    | 3.922  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 78.400% |          |
| 43) trans-1,3-Dichloroprop... | 7.564  | 79             | 12526    | 3.897  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 78.000% |          |
| 46) 2-Hexanone-d5             | 8.030  | 63             | 62295    | 41.190 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 82.380% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.159 | 84             | 26719    | 4.211  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 84.200% |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.564 | 152            | 37701    | 4.763  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 95.200% |          |
|                               |        |                |          |        |         |          |
| Target Compounds              |        |                |          |        | Qvalue  |          |
| 13) Acetone                   | 2.133  | 43             | 2723     | 1.972  | ug/L    | 84       |
| 34) Trichloroethene           | 5.847  | 95             | 1663     | 0.186  | ug/L #  | 78       |
| 35) Methylcyclohexane         | 5.995  | 83             | 8619     | 0.623  | ug/L #  | 17       |
| 37) 1,2-Dichloropropane       | 5.995  | 63             | 3794     | 0.433  | ug/L #  | 87       |
| 39) cis-1,3-Dichloropropene   | 6.921  | 75             | 817      | 0.066  | ug/L #  | 69       |
| 61) 1,2,3-Trichloropropane    | 11.188 | 75             | 5165     | 1.138  | ug/L #  | 65       |
| 71) Naphthalene               | 13.448 | 128            | 1051     | 0.060  | ug/L #  | 77       |
| -----                         |        |                |          |        |         |          |

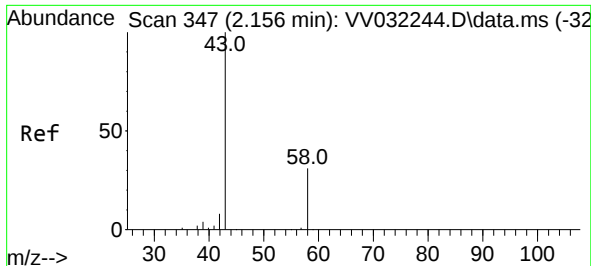
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 06 01:20:04 2023  
Response via : Initial Calibration





#13

Acetone

Concen: 1.972 ug/L

RT: 2.133 min Scan# 34

Delta R.T. -0.023 min

Lab File: VV032266.D

Acq: 05 Oct 2023 19:25

Instrument :

MSVOA\_V

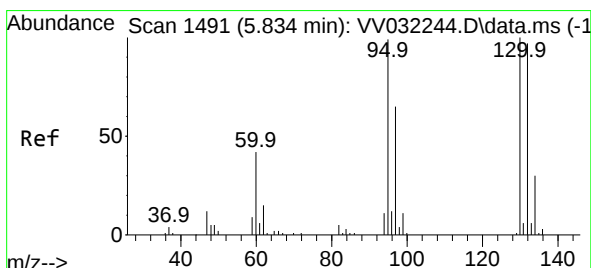
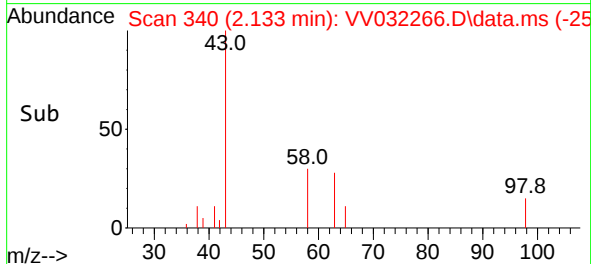
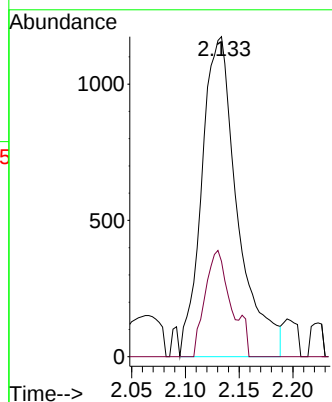
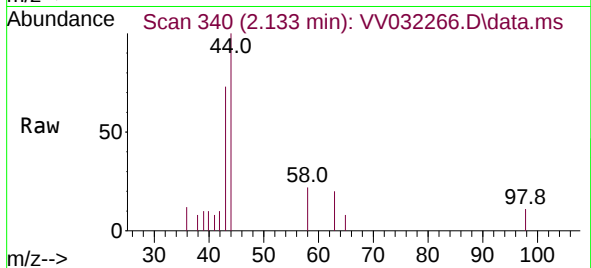
ClientSampleId :

Tgt Ion: 43 Resp: 2723

Ion Ratio Lower Upper

43 100

58 24.2 0.0 66.0



#34

Trichloroethene

Concen: 0.186 ug/L

RT: 5.847 min Scan# 1495

Delta R.T. 0.013 min

Lab File: VV032266.D

Acq: 05 Oct 2023 19:25

Tgt Ion: 95 Resp: 1663

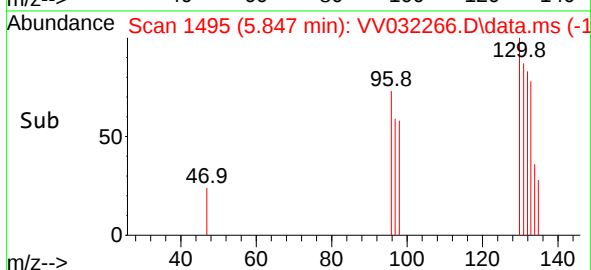
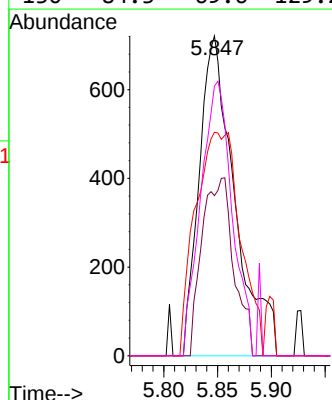
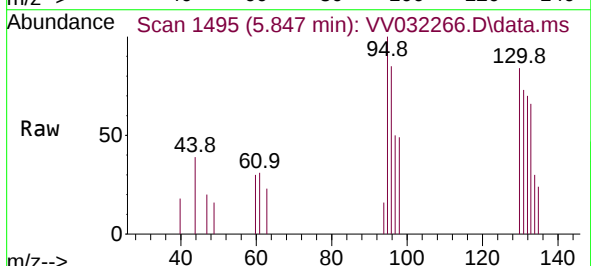
Ion Ratio Lower Upper

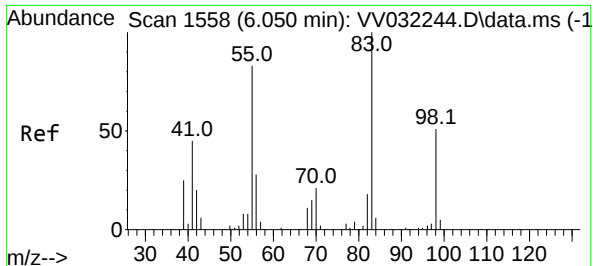
95 100

97 50.1 45.7 84.9

132 69.9 70.3 130.5

130 84.3 69.6 129.2





#35

Methylcyclohexane

Concen: 0.623 ug/L

RT: 5.995 min Scan# 1541

Delta R.T. -0.055 min

Lab File: VV032266.D

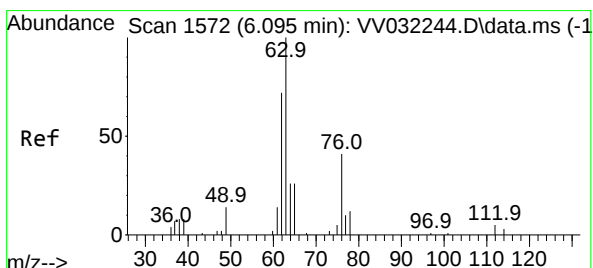
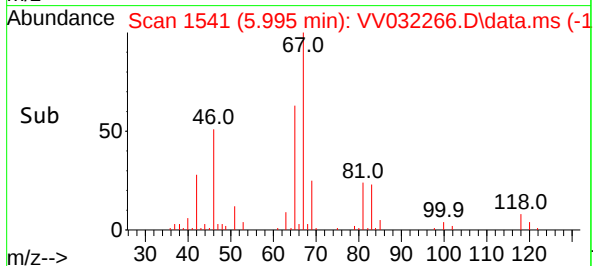
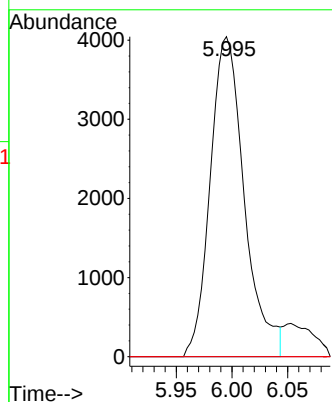
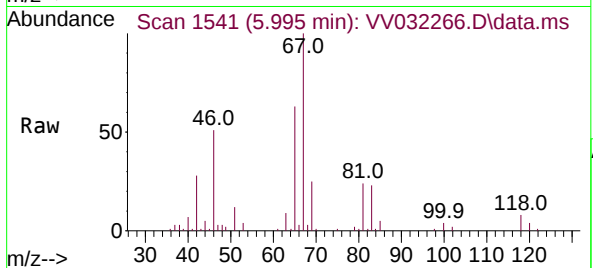
Acq: 05 Oct 2023 19:25

Instrument :

MSVOA\_V

ClientSampleId :

|             |                |
|-------------|----------------|
| Tgt Ion: 83 | Resp: 8619     |
| Ion Ratio   | Lower Upper    |
| 83          | 100            |
| 55          | 0.0 64.2 96.2# |
| 98          | 0.7 39.6 59.4# |



#37

1,2-Dichloropropane

Concen: 0.433 ug/L

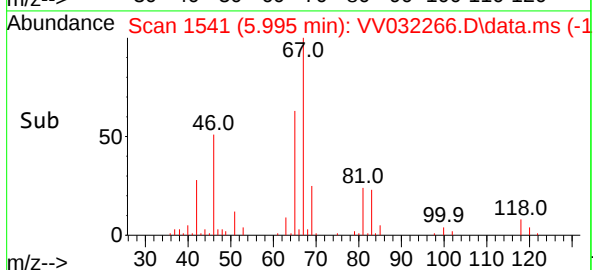
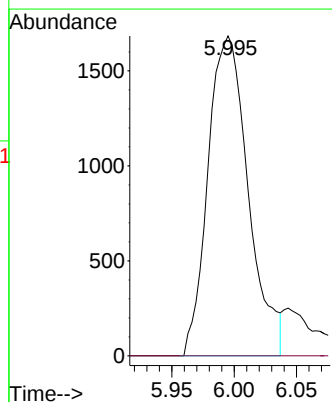
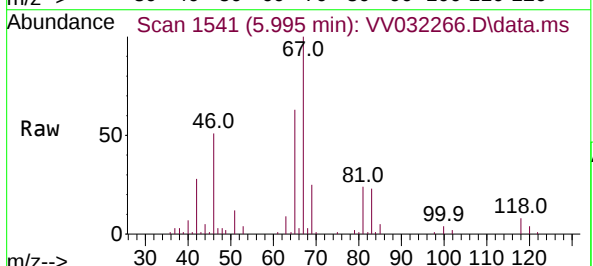
RT: 5.995 min Scan# 1541

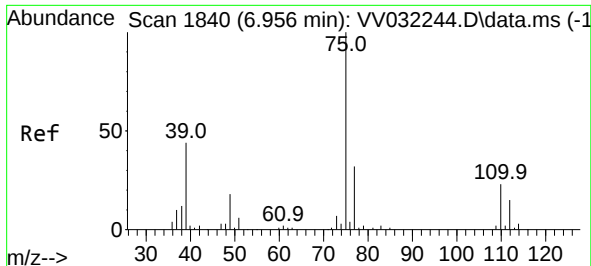
Delta R.T. -0.100 min

Lab File: VV032266.D

Acq: 05 Oct 2023 19:25

|             |              |
|-------------|--------------|
| Tgt Ion: 63 | Resp: 3794   |
| Ion Ratio   | Lower Upper  |
| 63          | 100          |
| 112         | 0.0 3.4 5.2# |





#39

cis-1,3-Dichloropropene

Concen: 0.066 ug/L

RT: 6.921 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV032266.D

Acq: 05 Oct 2023 19:25

Instrument :

MSVOA\_V

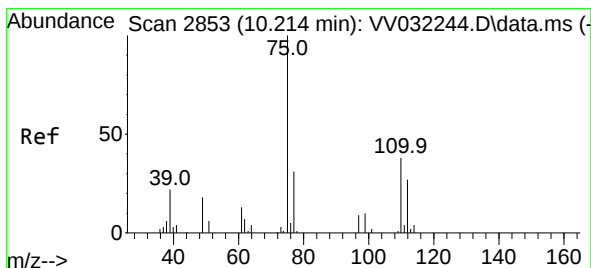
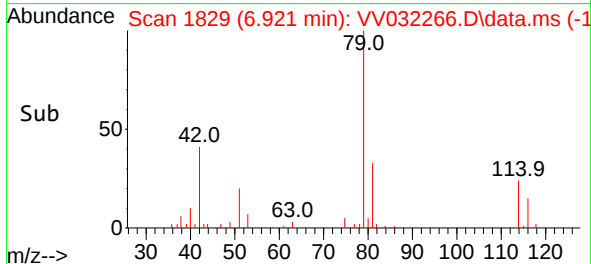
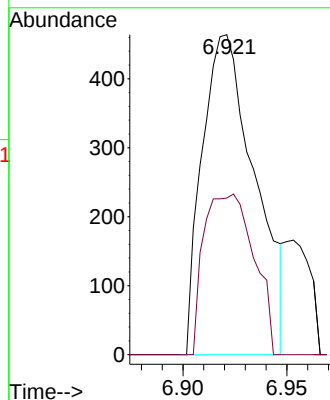
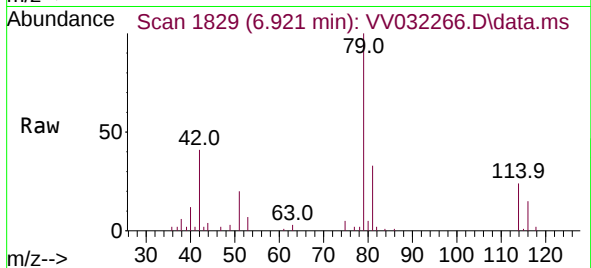
ClientSampleId :

Tgt Ion: 75 Resp: 817

Ion Ratio Lower Upper

75 100

77 48.9 22.2 41.2#



#61

1,2,3-Trichloropropane

Concen: 1.138 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.974 min

Lab File: VV032266.D

Acq: 05 Oct 2023 19:25

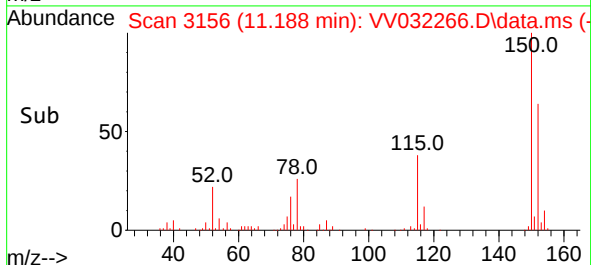
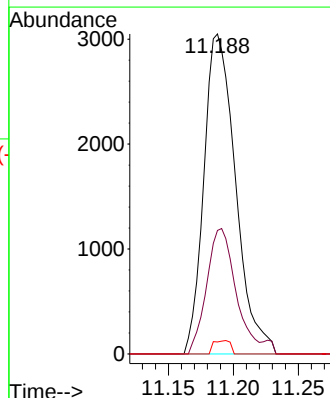
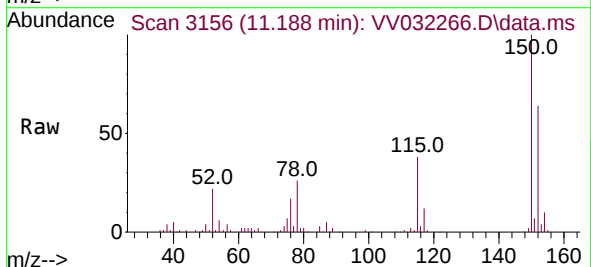
Tgt Ion: 75 Resp: 5165

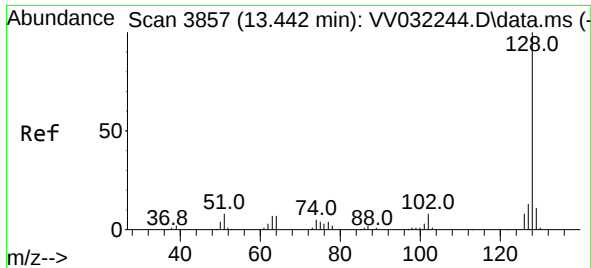
Ion Ratio Lower Upper

75 100

77 36.0 26.2 39.2

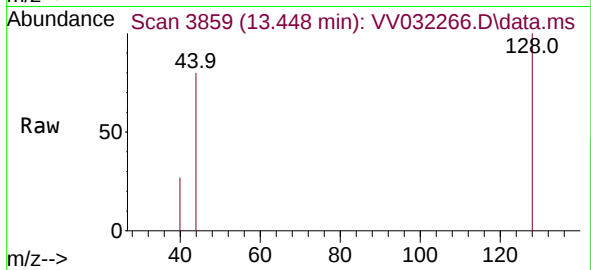
110 2.2 30.6 46.0#





#71  
Naphthalene  
Concen: 0.060 ug/L  
RT: 13.448 min Scan# 3857  
Delta R.T. 0.006 min  
Lab File: VV032266.D  
Acq: 05 Oct 2023 19:25

Instrument :  
MSVOA\_V  
ClientSampleId :



Tgt Ion:128 Resp: 1051  
Ion Ratio Lower Upper  
128 100  
129 6.7 9.0 13.4#  
127 0.0 10.2 15.2#

