

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV030823\  
 Data File : VV030144.D  
 Acq On : 08 Mar 2023 11:53  
 Operator : SY/MD  
 Sample : VV0308WBL01  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK308

Quant Time: Mar 09 00:36:31 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR022323WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Mar 03 22:25:34 2023  
 Response via : Initial Calibration

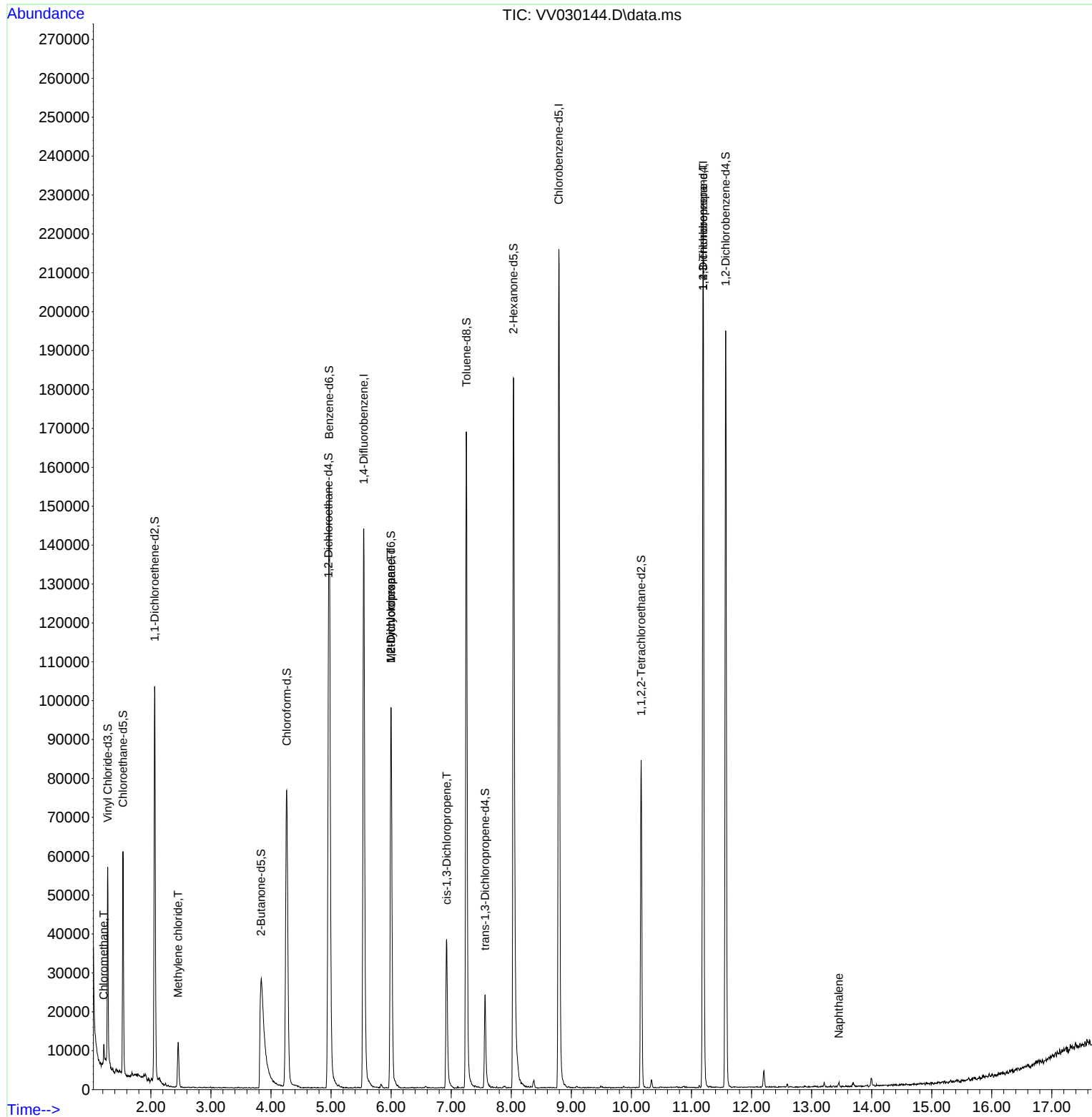
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.545  | 114            | 133562   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.792  | 117            | 131399   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.194 | 152            | 64733    | 5.000  | ug/L     | 0.00     |
|                               |        |                |          |        |          |          |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.281  | 65             | 32894    | 3.806  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 76.200%  |          |
| 7) Chloroethane-d5            | 1.535  | 69             | 37501    | 4.623  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 92.400%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.063  | 63             | 53975    | 3.038  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 60.800%  |          |
| 20) 2-Butanone-d5             | 3.834  | 46             | 87981    | 55.218 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 110.440% |          |
| 24) Chloroform-d              | 4.262  | 84             | 88350    | 5.005  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 100.000% |          |
| 26) 1,2-Dichloroethane-d4     | 4.956  | 65             | 38675    | 5.367  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 107.400% |          |
| 32) Benzene-d6                | 4.969  | 84             | 147697   | 4.177  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 83.600%  |          |
| 36) 1,2-Dichloropropane-d6    | 5.998  | 67             | 51869    | 4.876  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 97.600%  |          |
| 41) Toluene-d8                | 7.252  | 98             | 122724   | 3.662  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 73.200%  |          |
| 43) trans-1,3-Dichloroprop... | 7.564  | 79             | 16345    | 4.491  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 89.800%  |          |
| 46) 2-Hexanone-d5             | 8.037  | 63             | 78108    | 51.880 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 103.760% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.162 | 84             | 41944    | 5.543  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 110.800% |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.570 | 152            | 54711    | 4.995  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 100.000% |          |
|                               |        |                |          |        |          |          |
| Target Compounds              |        |                |          |        |          | Qvalue   |
| 3) Chloromethane              | 1.217  | 50             | 3493     | 0.204  | ug/L     | 94       |
| 16) Methylene chloride        | 2.455  | 84             | 5425     | 0.495  | ug/L     | 92       |
| 35) Methylcyclohexane         | 5.998  | 83             | 12856    | 0.845  | ug/L #   | 20       |
| 37) 1,2-Dichloropropane       | 5.998  | 63             | 5417     | 0.593  | ug/L #   | 86       |
| 39) cis-1,3-Dichloropropene   | 6.927  | 75             | 833      | 0.062  | ug/L #   | 17       |
| 61) 1,2,3-Trichloropropane    | 11.194 | 75             | 6358     | 1.467  | ug/L #   | 66       |
| 71) Naphthalene               | 13.455 | 128            | 1171     | 0.069  | ug/L #   | 79       |
| -----                         |        |                |          |        |          |          |

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

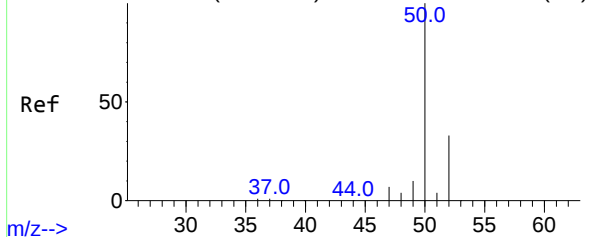
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QLast Update : Fri Mar 03 22:25:34 2023  
Response via : Initial Calibration



Abundance Scan 55 (1.217 min): VV030143.D\data.ms (-47)



#3

Chloromethane

Concen: 0.204 ug/L

RT: 1.217 min Scan# 51

Delta R.T. -0.000 min

Lab File: VV030144.D

Acq: 08 Mar 2023 11:53

Instrument :

MSVOA\_V

ClientSampleId :

VBLK308

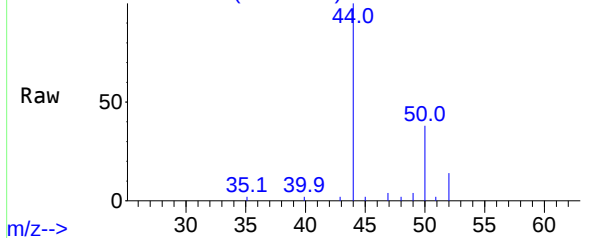
Tgt Ion: 50 Resp: 3493

Ion Ratio Lower Upper

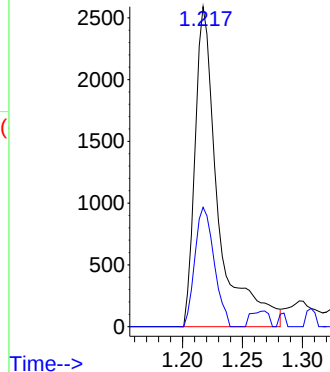
50 100

52 37.3 23.6 43.8

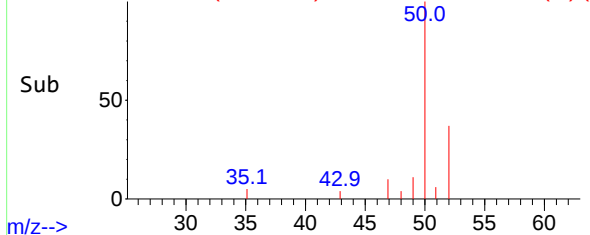
Abundance Scan 55 (1.217 min): VV030144.D\data.ms



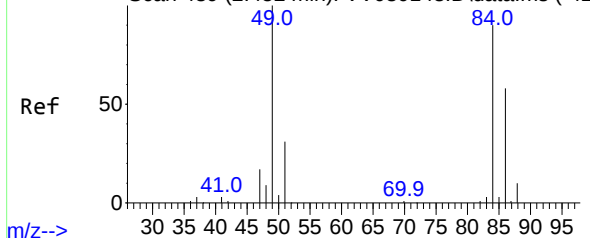
Abundance



Abundance Scan 55 (1.217 min): VV030144.D\data.ms (-1)



Abundance Scan 439 (2.452 min): VV030143.D\data.ms (-42)



#16

Methylene chloride

Concen: 0.495 ug/L

RT: 2.455 min Scan# 440

Delta R.T. 0.003 min

Lab File: VV030144.D

Acq: 08 Mar 2023 11:53

Tgt Ion: 84 Resp: 5425

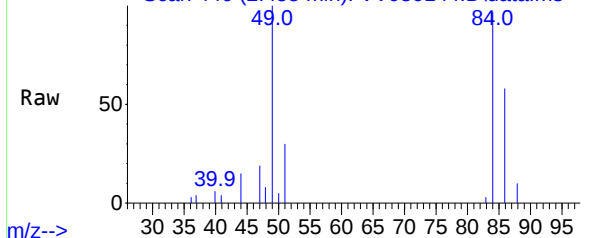
Ion Ratio Lower Upper

84 100

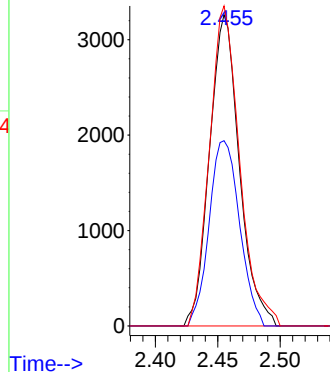
86 59.5 44.7 83.1

49 102.8 78.8 146.3

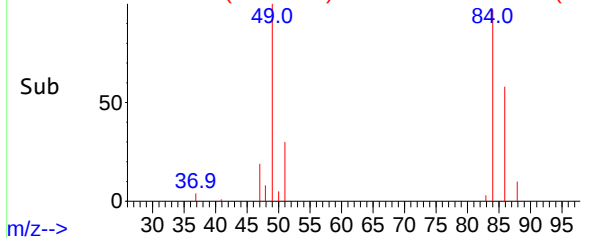
Abundance Scan 440 (2.455 min): VV030144.D\data.ms

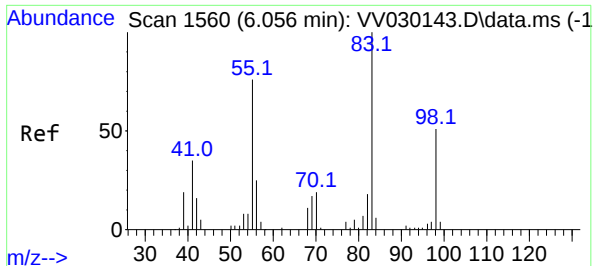


Abundance



Abundance Scan 440 (2.455 min): VV030144.D\data.ms (-34)

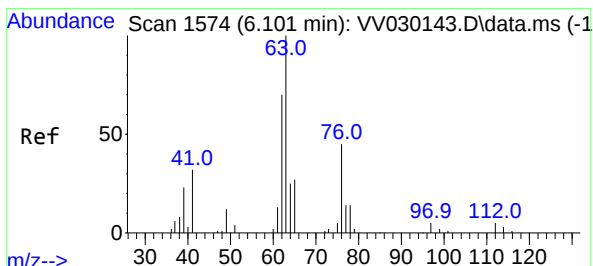
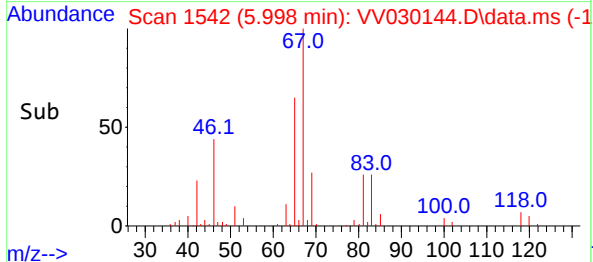
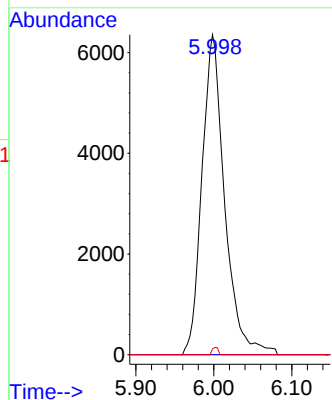
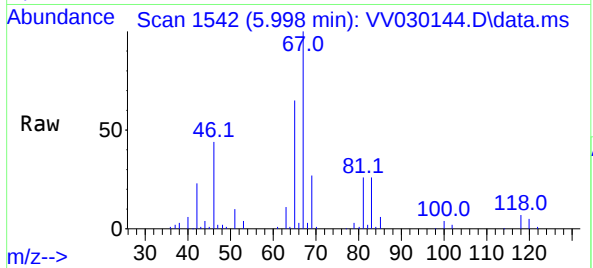




#35  
Methylcyclohexane  
Concen: 0.845 ug/L  
RT: 5.998 min Scan# 1542  
Delta R.T. -0.061 min  
Lab File: VV030144.D  
Acq: 08 Mar 2023 11:53

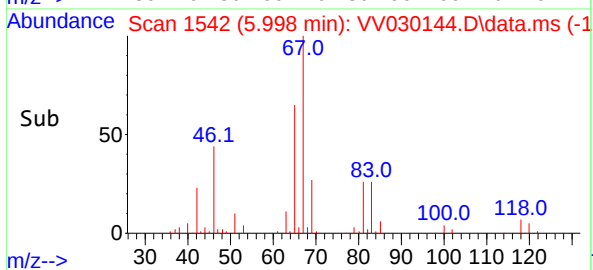
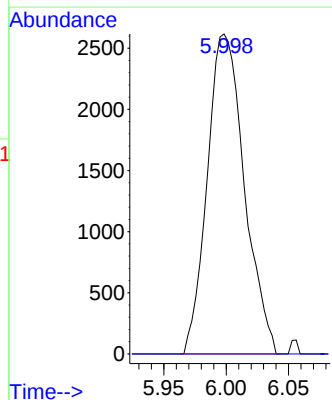
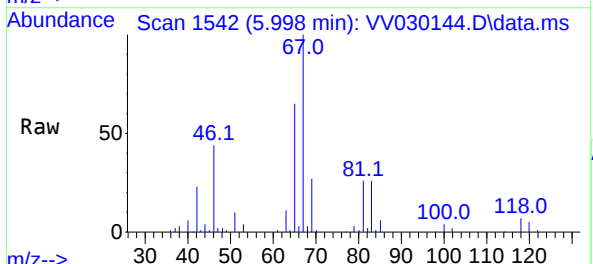
Instrument :  
MSVOA\_V  
ClientSampleId :  
VBLK308

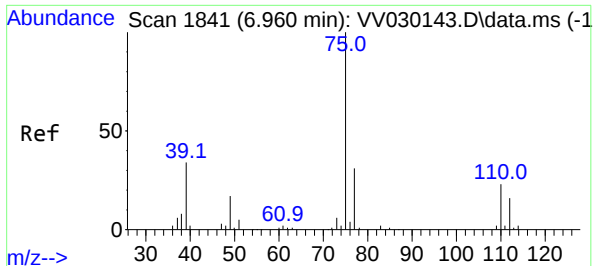
|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 12856 |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 55 0.0      | 57.6 86.4#  |
| 98 0.6      | 38.8 58.2#  |



#37  
1,2-Dichloropropane  
Concen: 0.593 ug/L  
RT: 5.998 min Scan# 1542  
Delta R.T. -0.103 min  
Lab File: VV030144.D  
Acq: 08 Mar 2023 11:53

|             |             |
|-------------|-------------|
| Tgt Ion: 63 | Resp: 5417  |
| Ion Ratio   | Lower Upper |
| 63 100      |             |
| 112 0.0     | 3.8 5.6#    |





#39

cis-1,3-Dichloropropene

Concen: 0.062 ug/L

RT: 6.927 min Scan# 11

Delta R.T. -0.036 min

Lab File: VV030144.D

Acq: 08 Mar 2023 11:53

Instrument :

MSVOA\_V

ClientSampleId :

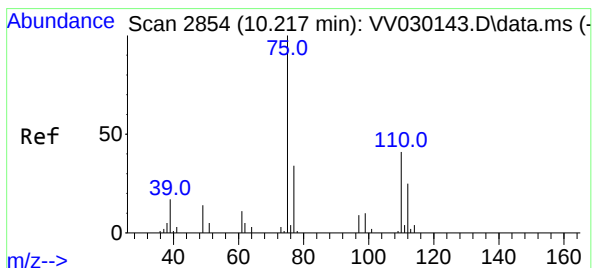
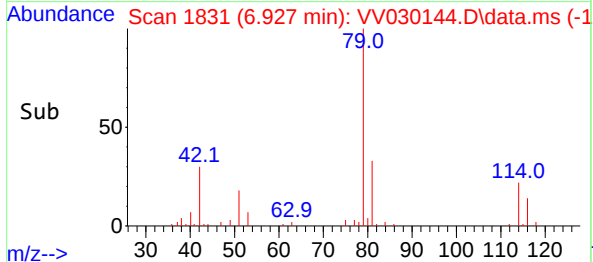
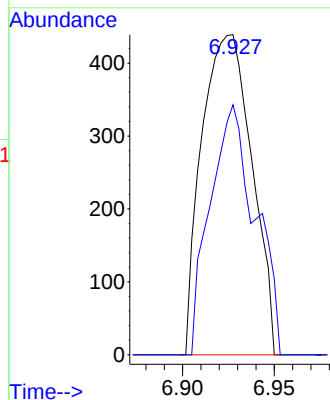
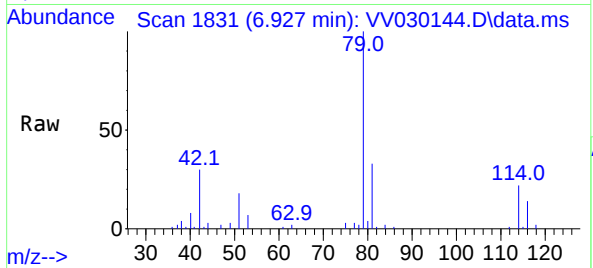
VBLK308

Tgt Ion: 75 Resp: 833

Ion Ratio Lower Upper

75 100

77 78.1 22.3 41.3#



#61

1,2,3-Trichloropropane

Concen: 1.467 ug/L

RT: 11.194 min Scan# 3158

Delta R.T. 0.974 min

Lab File: VV030144.D

Acq: 08 Mar 2023 11:53

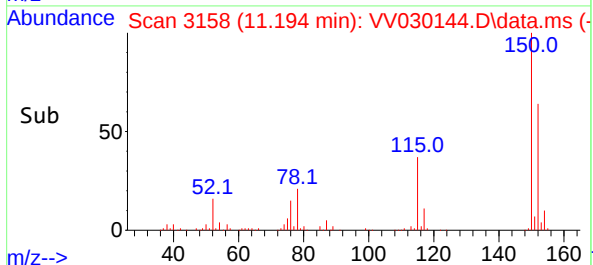
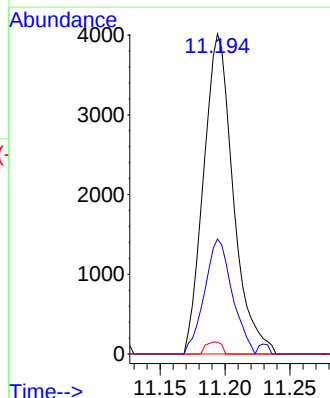
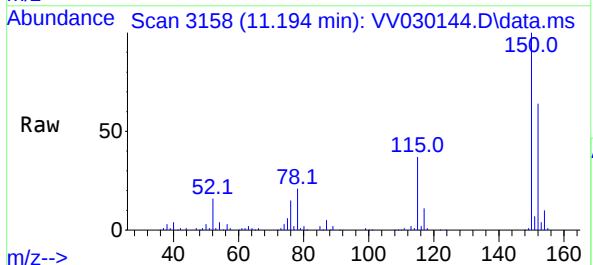
Tgt Ion: 75 Resp: 6358

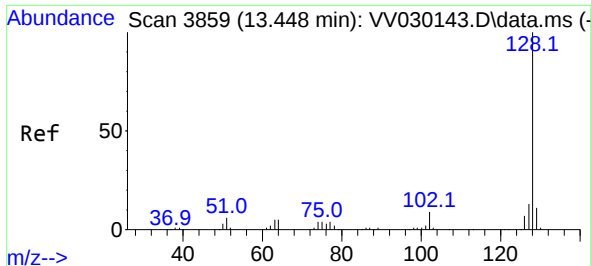
Ion Ratio Lower Upper

75 100

77 33.6 26.5 39.7

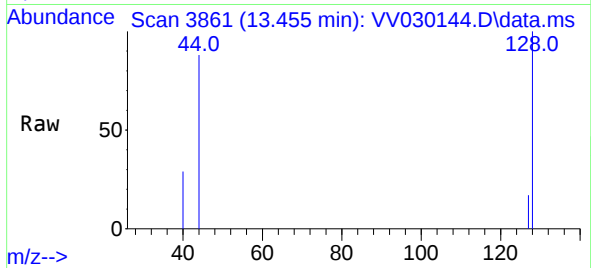
110 2.0 31.8 47.6#





#71  
Naphthalene  
Concen: 0.069 ug/L  
RT: 13.455 min Scan# 3861  
Delta R.T. 0.006 min  
Lab File: VV030144.D  
Acq: 08 Mar 2023 11:53

Instrument :  
MSVOA\_V  
ClientSampleId :  
VBLK308



Tgt Ion:128 Resp: 1171  
Ion Ratio Lower Upper  
128 100  
129 1.7 8.6 13.0#  
127 5.5 10.4 15.6#

