

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV053020\  
 Data File : VV016367.D  
 Acq On : 30 May 2020 18:13  
 Operator : SY/MD  
 Sample : L2826-03DL 5X  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 CWKB6DL

Quant Time: Jun 01 06:08:49 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR053020WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Mon Jun 01 05:08:08 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 92650    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 85938    | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 40480    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 34183    | 4.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 84.20%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 26831    | 4.35     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 87.00%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 48705    | 3.43     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 68.60%  |
| 20) 2-Butanone-d5              | 3.93   | 46    | 86323    | 49.32    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 98.64%  |
| 24) Chloroform-d               | 4.38   | 84    | 59173    | 4.31     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 86.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.06   | 65    | 32615    | 4.57     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 91.40%  |
| 32) Benzene-d6                 | 5.08   | 84    | 121635   | 4.98     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 99.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.10   | 67    | 36630    | 4.86     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 97.20%  |
| 41) Toluene-d8                 | 7.34   | 98    | 106066   | 4.75     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 95.00%  |
| 45) trans-1,3-Dichloropropene- | 7.65   | 79    | 12325    | 4.53     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 90.60%  |
| 48) 2-Hexanone-d5              | 8.11   | 63    | 66929    | 52.89    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 105.78% |
| 59) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 24715    | 4.64     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 92.80%  |
| 65) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 36859    | 4.90     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 98.00%  |

## Target Compounds

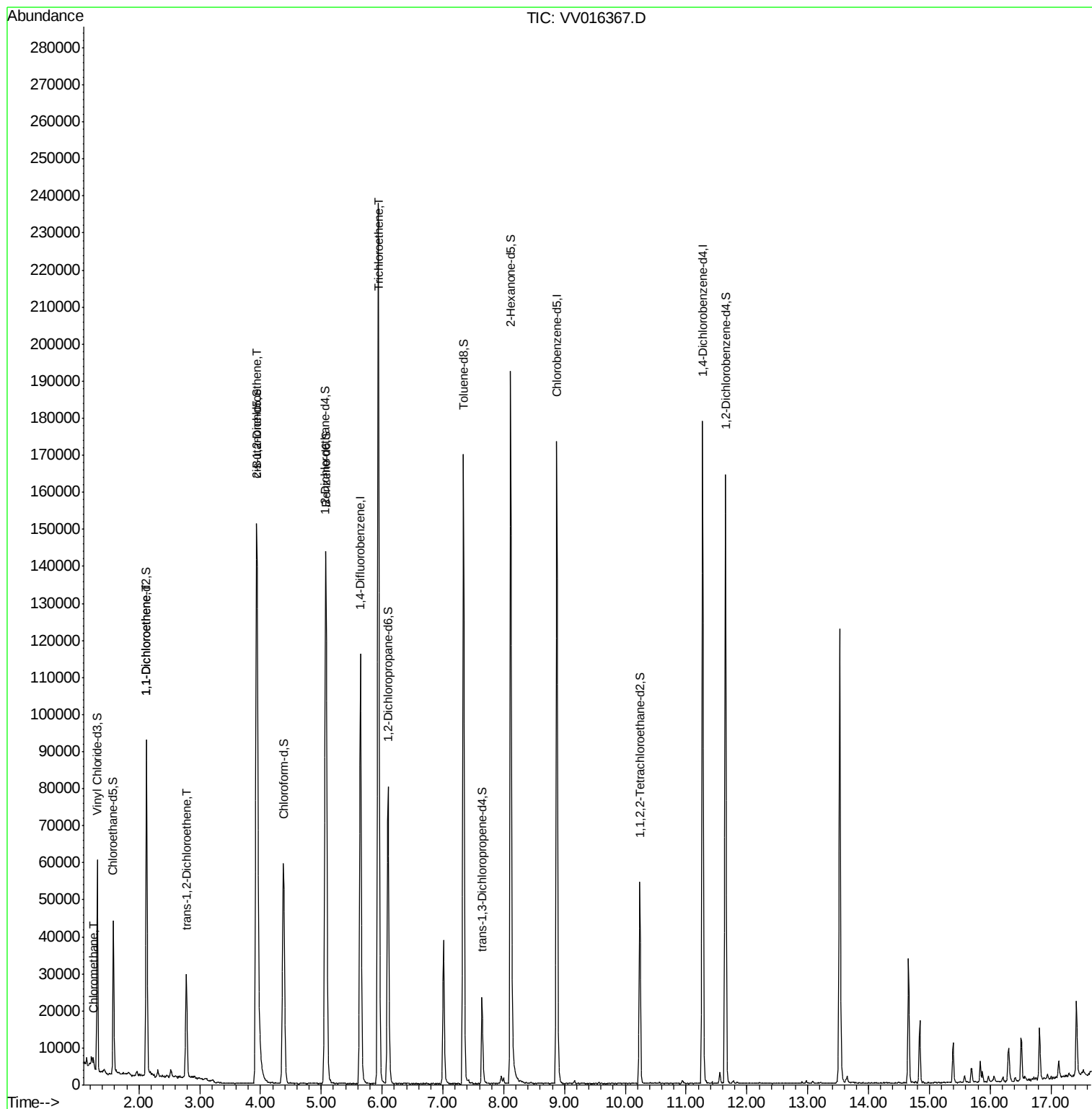
|                              |      |    |       |             | Ovalue |
|------------------------------|------|----|-------|-------------|--------|
| 3) Chloromethane             | 1.25 | 50 | 1392  | 0.150 ug/L  | 87     |
| 12) 1,1-Dichloroethene       | 2.13 | 96 | 1077  | 0.181 ug/L  | # 1    |
| 18) trans-1,2-Dichloroethene | 2.78 | 96 | 9643  | 1.524 ug/L  | 96     |
| 22) cis-1,2-Dichloroethene   | 3.94 | 96 | 58629 | 8.393 ug/L  | 99     |
| 34) Trichloroethene          | 5.94 | 95 | 81652 | 12.239 ug/L | 94     |

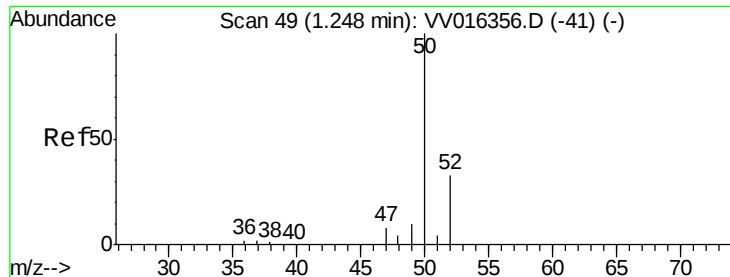
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 01 05:08:08 2020  
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.150 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV016367.D

Acq: 30 May 2020 18:13

Instrument :

MSVOA\_V

ClientSampleId :

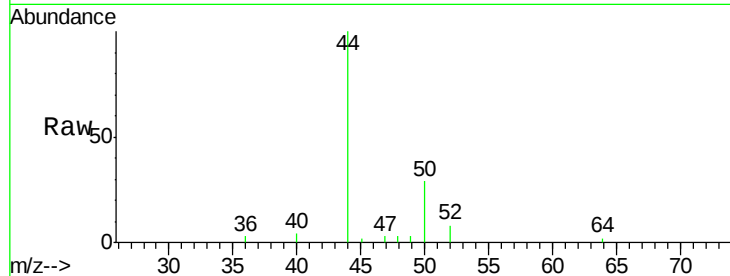
CWKB6DL

Tot Ion: 50 Resp: 1392

Ion Ratio Lower Upper

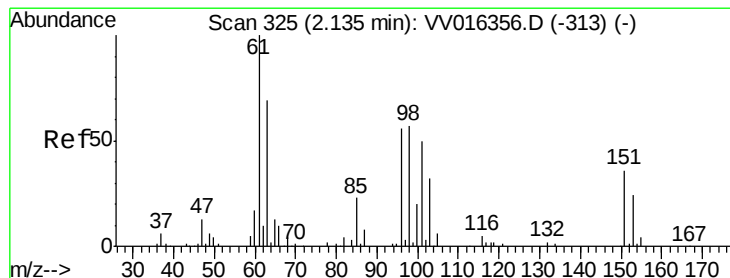
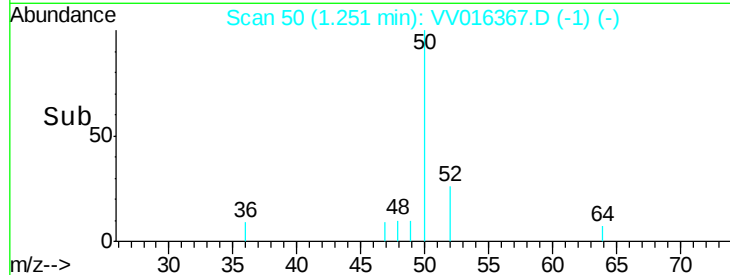
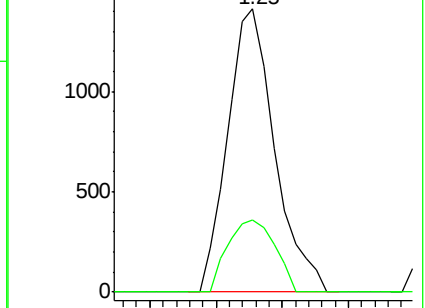
50 100

52 25.7 23.1 42.9



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#12

1,1-Dichloroethene

Concen: 0.181 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV016367.D

Acq: 30 May 2020 18:13

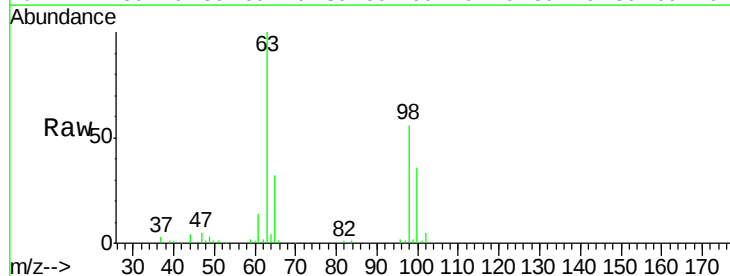
Tgt Ion: 96 Resp: 1077

Ion Ratio Lower Upper

96 100

61 704.5 125.4 233.0#

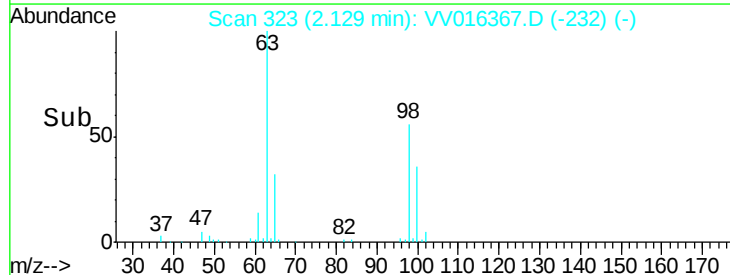
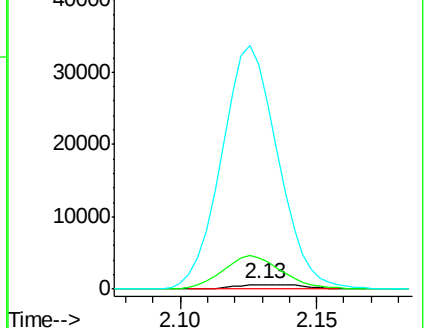
63 4995.5 88.2 163.8#

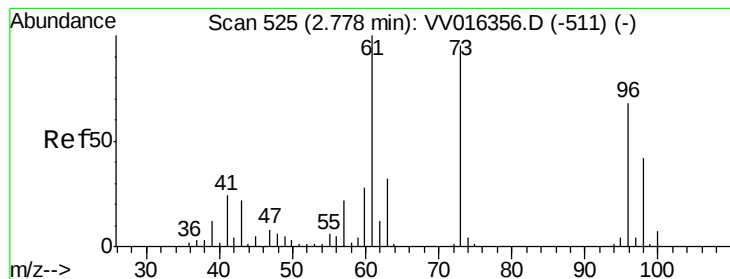


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#18

trans-1,2-Dichloroethene

Concen: 1.524 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.00 min

Lab File: VV016367.D

Acq: 30 May 2020 18:13

Instrument :

MSVOA\_V

ClientSampleId :

CWKB6DL

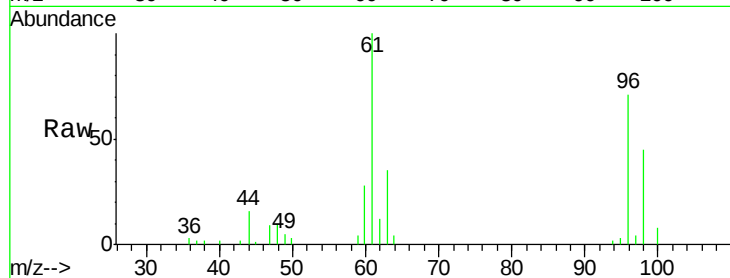
Tot Ion: 96 Resp: 9643

Ion Ratio Lower Upper

96 100

61 141.0 103.1 191.5

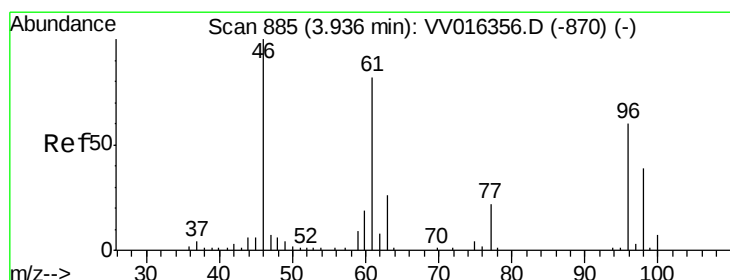
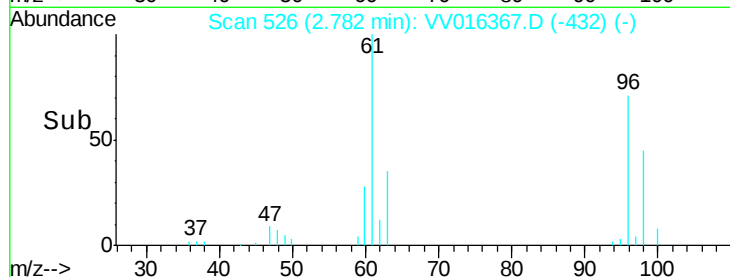
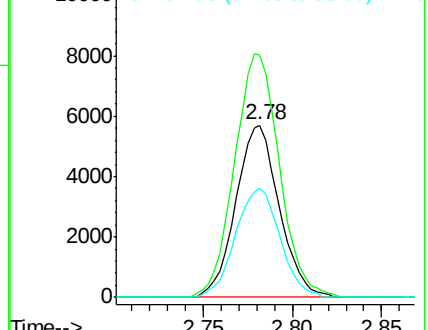
98 63.3 43.0 79.8



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0



#22

cis-1,2-Dichloroethene

Concen: 8.393 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV016367.D

Acq: 30 May 2020 18:13

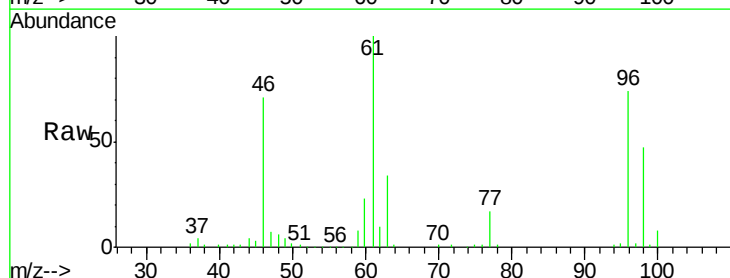
Tgt Ion: 96 Resp: 58629

Ion Ratio Lower Upper

96 100

61 134.4 94.8 176.0

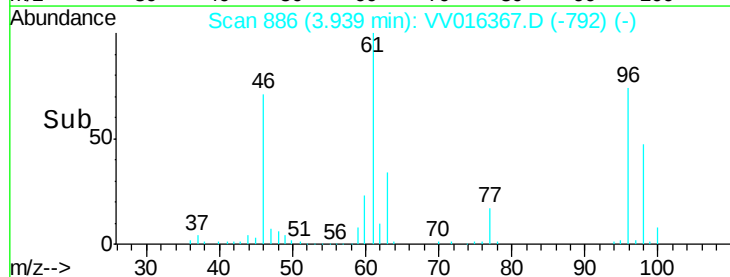
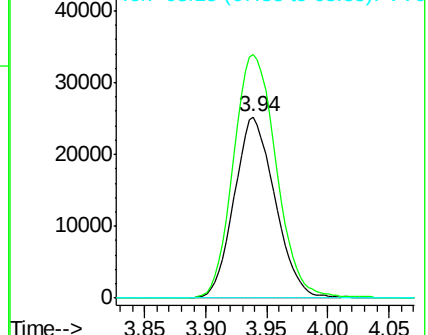
68 0.0 0.0 0.0

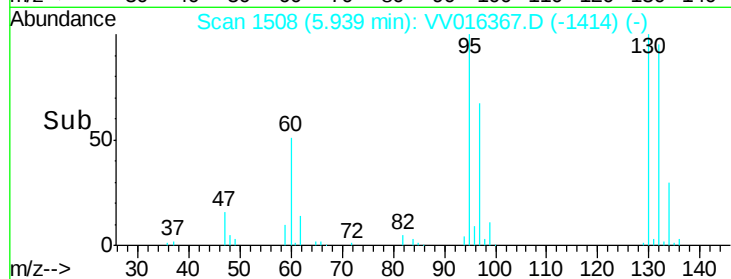
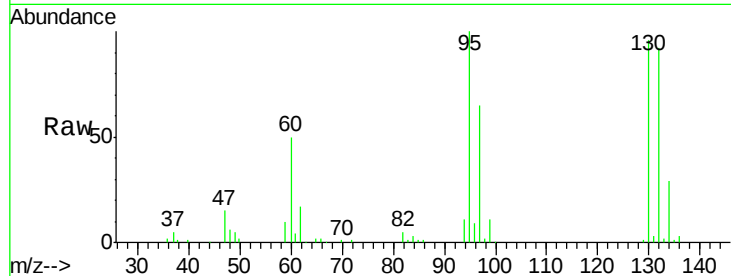
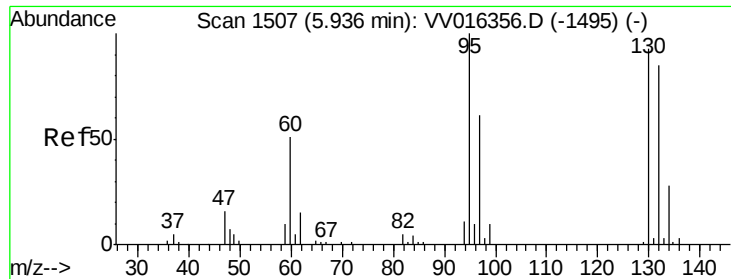


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0





#34

Trichloroethene

Concen: 12.239 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV016367.D

Acq: 30 May 2020 18:13

Instrument :

MSVOA\_V

ClientSampleId :

CWKB6DL

Tot Ion: 95 Resp: 81652

Ion Ratio Lower Upper

95 100

97 64.7 42.6 79.0

132 92.0 59.6 110.8

130 96.4 64.8 120.4

Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

