

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110819\  
 Data File : VV013562.D  
 Acq On : 09 Nov 2019 01:21  
 Operator : SY/MD  
 Sample : K5743-01  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BE9S1

Quant Time: Nov 09 04:38:54 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR110819WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Nov 09 04:21:29 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 364461   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 370317   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 162707   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 72168    | 4.70     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 94.00%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 67184    | 4.93     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 98.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 94392    | 3.11     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 62.20%  |
| 20) 2-Butanone-d5              | 3.97   | 46    | 302182   | 54.87    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 109.74% |
| 24) Chloroform-d               | 4.40   | 84    | 188877   | 4.74     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 94.80%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 115657   | 5.55     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 111.00% |
| 32) Benzene-d6                 | 5.09   | 84    | 363679   | 4.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 96.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.11   | 67    | 129454   | 5.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 102.40% |
| 41) Toluene-d8                 | 7.36   | 98    | 273871   | 4.22     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 84.40%  |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 43220    | 4.44     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 88.80%  |
| 46) 2-Hexanone-d5              | 8.13   | 63    | 185657   | 47.64    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 95.28%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 99547    | 4.94     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 98.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 146316   | 5.44     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 108.80% |

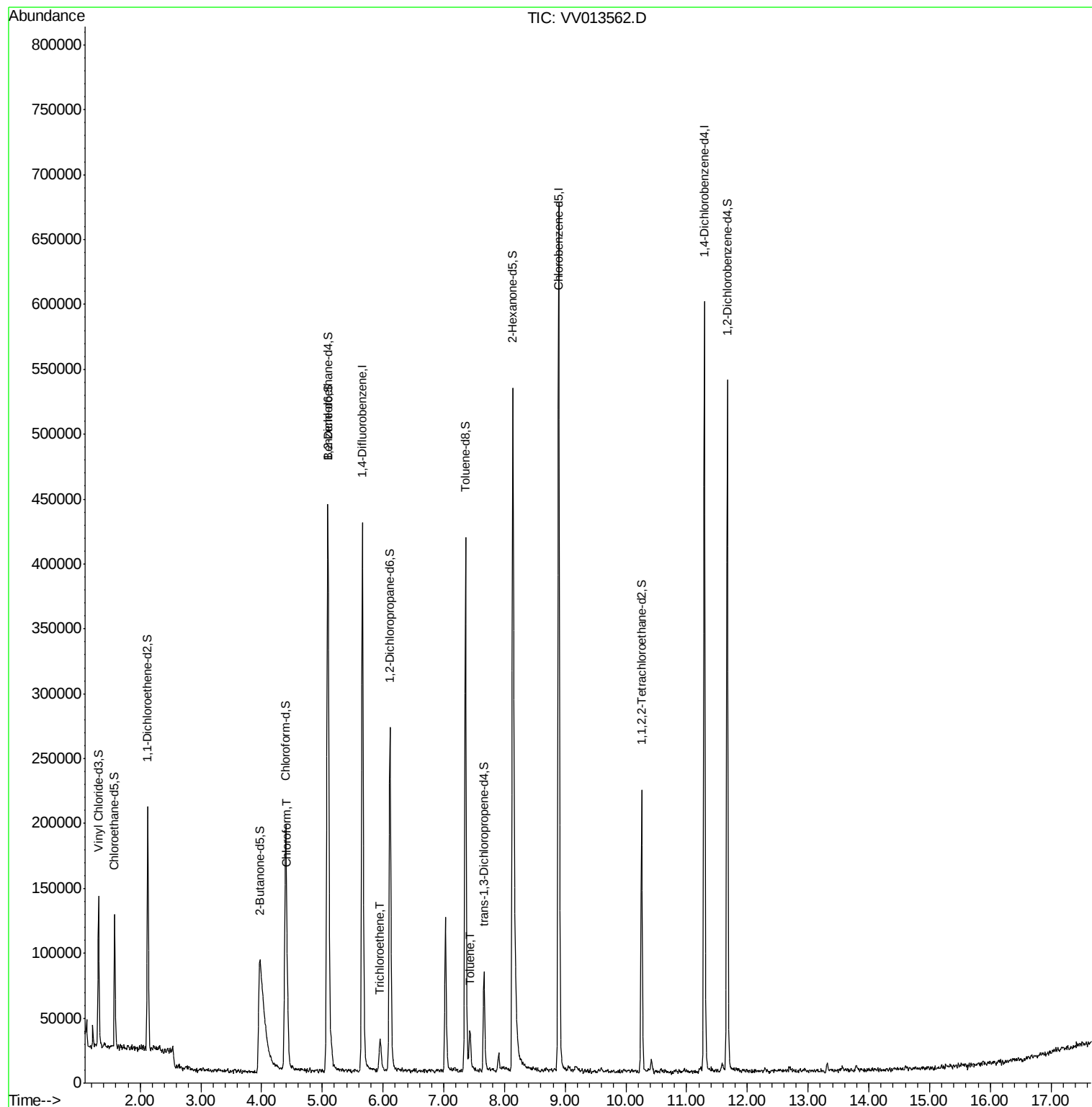
| Target Compounds    |      |    |       |            | Ovalue |
|---------------------|------|----|-------|------------|--------|
| 25) Chloroform      | 4.42 | 83 | 32512 | 0.588 ug/L | 96     |
| 34) Trichloroethene | 5.96 | 95 | 4891  | 0.158 ug/L | 91     |
| 42) Toluene         | 7.43 | 91 | 22565 | 0.189 ug/L | 93     |

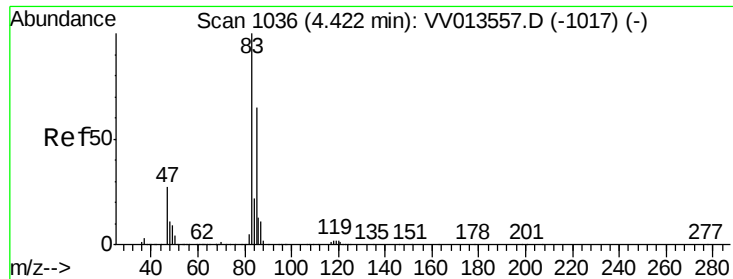
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 0.588 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV013562.D

Acq: 09 Nov 2019 01:21

Instrument :

MSVOA\_V

ClientSampleId :

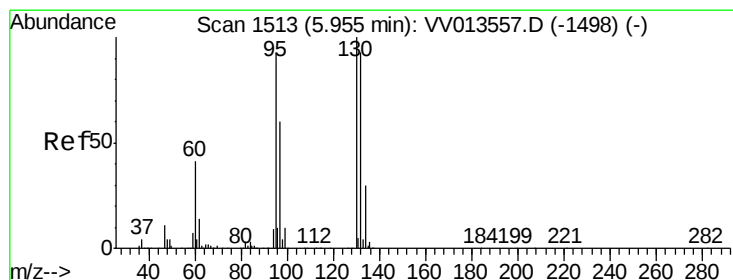
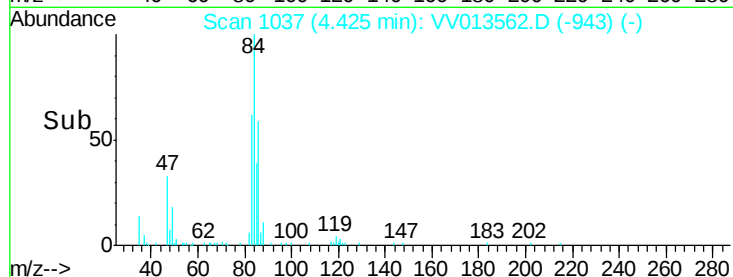
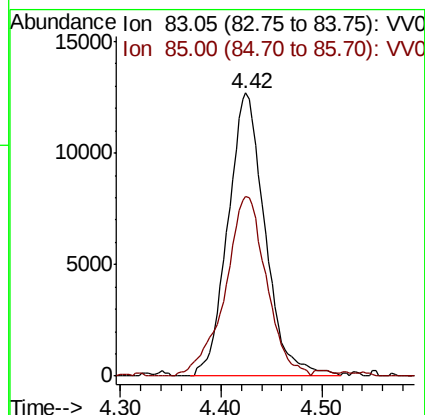
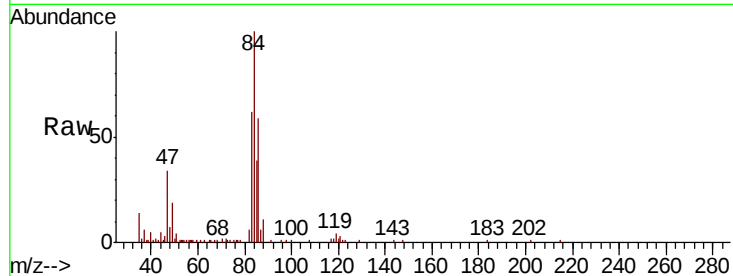
BE9S1

Tot Ion: 83 Resp: 32512

Ion Ratio Lower Upper

83 100

85 63.3 46.3 86.1



#34

Trichloroethene

Concen: 0.158 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV013562.D

Acq: 09 Nov 2019 01:21

Tgt Ion: 95 Resp: 4891

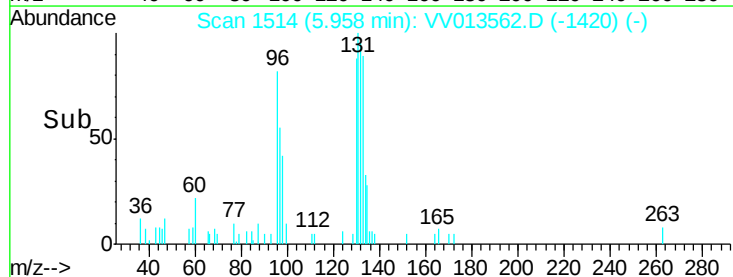
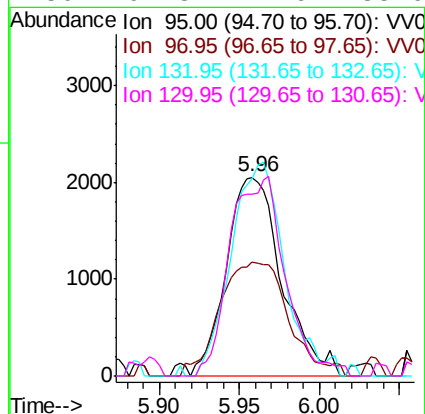
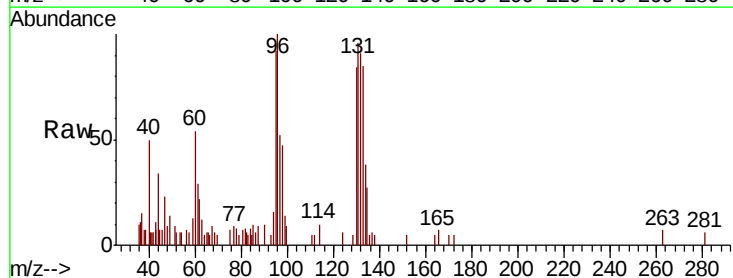
Ion Ratio Lower Upper

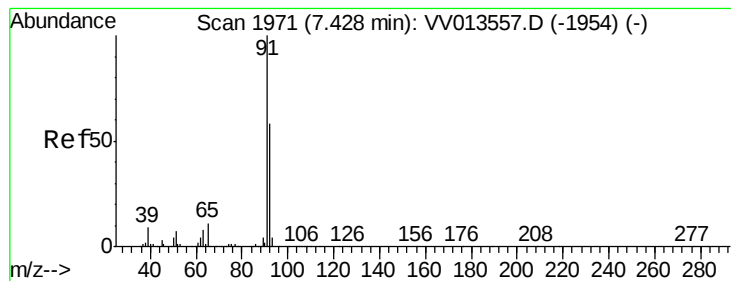
95 100

97 57.1 44.7 83.1

132 99.1 71.6 133.0

130 91.8 74.6 138.6





#42

Toluene

Concen: 0.189 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VV013562.D

Acq: 09 Nov 2019 01:21

Instrument :

MSVOA\_V

ClientSampleId :

BE9S1

Tot Ion: 91 Resp: 22565

Ion Ratio Lower Upper

91 100

92 53.9 41.4 77.0

