

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV011420\  
 Data File : VV014292.D  
 Acq On : 14 Jan 2020 13:14  
 Operator : SY/MD  
 Sample : L1109-21  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GASJ0

Quant Time: Jan 14 22:47:00 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR010220WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Jan 14 22:19:33 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 1069749  | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 963024   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 435941   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 279232   | 3.73     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 74.60% |
| 7) Chloroethane-d5             | 1.59   | 69    | 238084   | 4.12     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 82.40% |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 357025   | 3.23     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 64.60% |
| 20) 2-Butanone-d5              | 3.94   | 46    | 811277   | 45.12    | ug/L | -0.02  |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 90.24% |
| 24) Chloroform-d               | 4.40   | 84    | 615430   | 4.25     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 85.00% |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 305412   | 4.21     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 84.20% |
| 32) Benzene-d6                 | 5.09   | 84    | 1273646  | 4.43     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 88.60% |
| 36) 1,2-Dichloropropane-d6     | 6.11   | 67    | 402856   | 4.52     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 90.40% |
| 41) Toluene-d8                 | 7.35   | 98    | 1127249  | 4.29     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 85.80% |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 154681   | 3.92     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 78.40% |
| 46) 2-Hexanone-d5              | 8.13   | 63    | 717683   | 43.01    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 86.02% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.25  | 84    | 268093   | 4.30     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 86.00% |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 370648   | 4.53     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 90.60% |

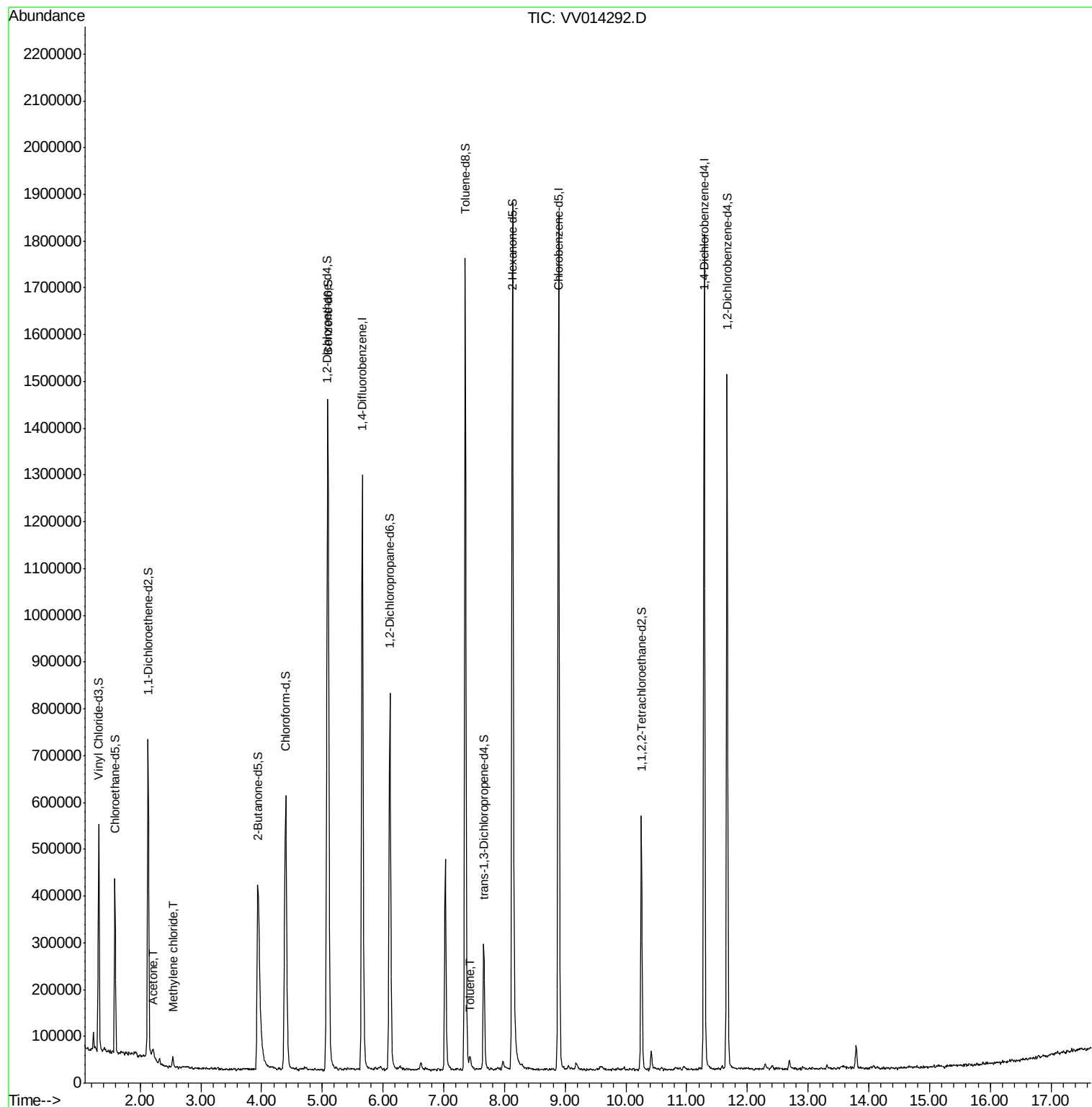
| Target Compounds       |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 13) Acetone            | 2.21 | 43 | 20993 | 1.695 ug/L | 99     |
| 16) Methylene chloride | 2.54 | 84 | 9743  | 0.125 ug/L | 91     |
| 42) Toluene            | 7.43 | 91 | 20536 | 0.066 ug/L | 99     |

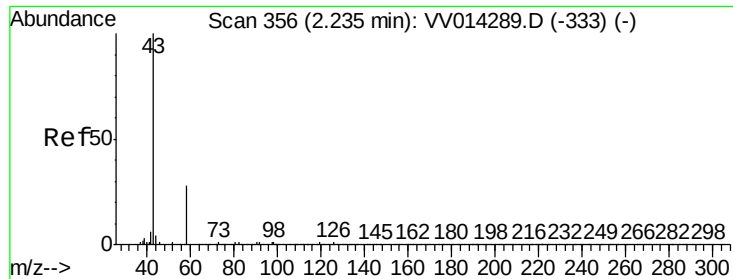
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.695 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.02 min

Lab File: VV014292.D

Acq: 14 Jan 2020 13:14

Instrument :

MSVOA\_V

ClientSampleId :

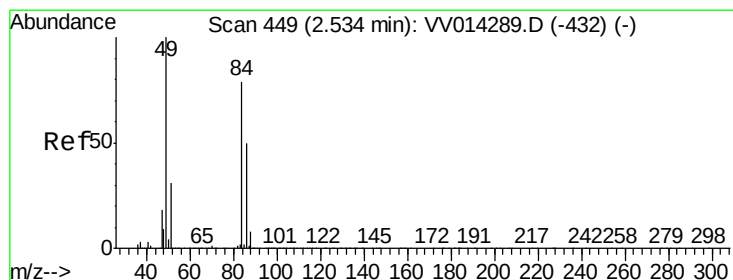
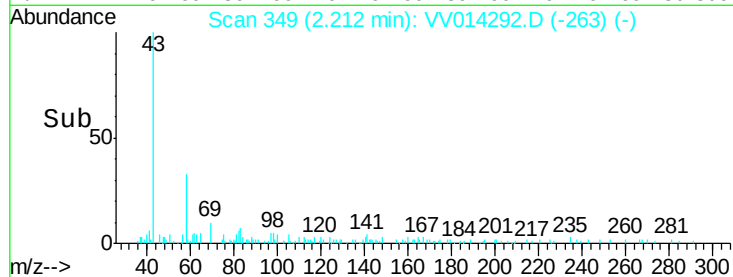
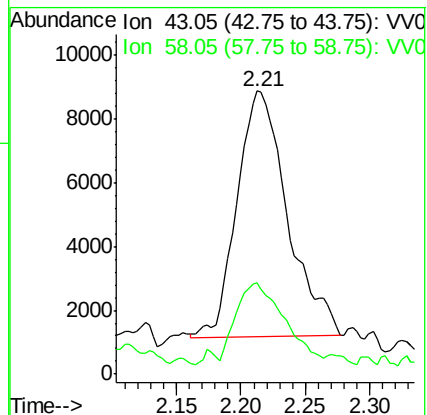
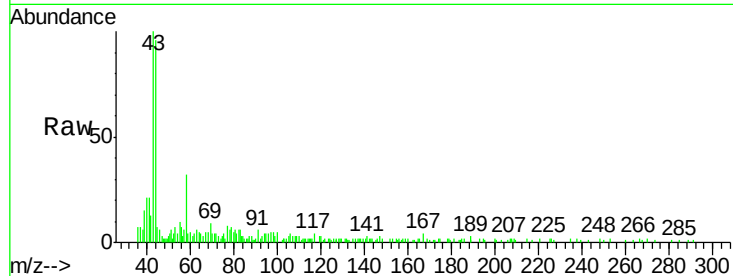
GASJ0

Tot Ion: 43 Resp: 20993

Ion Ratio Lower Upper

43 100

58 32.4 0.0 66.0



#16

Methylene chloride

Concen: 0.125 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV014292.D

Acq: 14 Jan 2020 13:14

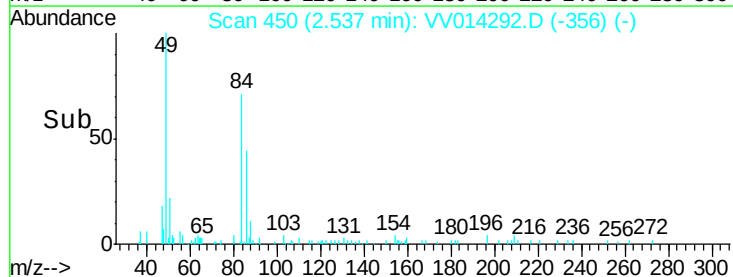
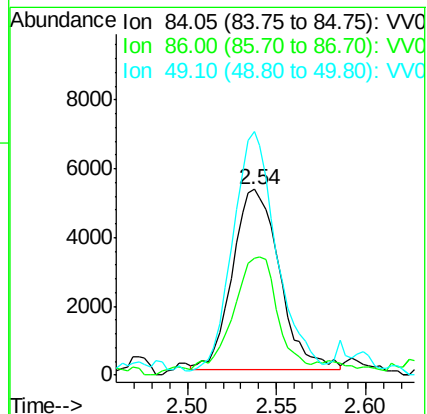
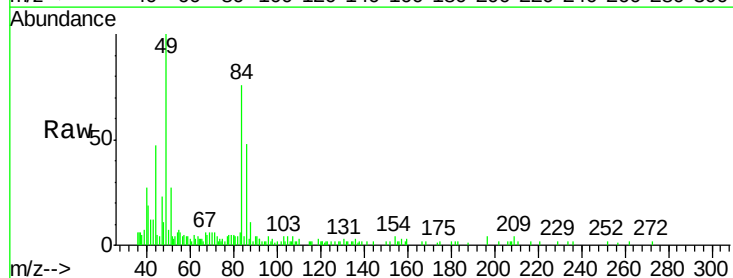
Tgt Ion: 84 Resp: 9743

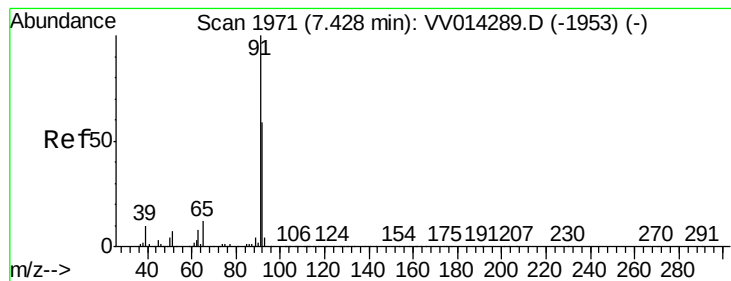
Ion Ratio Lower Upper

84 100

86 63.2 43.1 80.1

49 131.3 82.1 152.5





#42

Toluene

Concen: 0.066 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV014292.D

Acq: 14 Jan 2020 13:14

Instrument :  
MSVOA\_V  
ClientSampleId :  
GASJ0

Tot Ion: 91 Resp: 20536

Ion Ratio Lower Upper

91 100

92 58.2 41.2 76.6

