

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122319\  
 Data File : VV014176.D  
 Acq On : 23 Dec 2019 22:43  
 Operator : SY/MD  
 Sample : K6404-16  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFE05

Quant Time: Dec 24 03:47:42 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR122319WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Dec 24 01:34:37 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 368276   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 370819   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 176173   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 101288   | 3.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 76.60%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 90976    | 4.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 82.40%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 131267   | 2.93     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 58.60%# |
| 20) 2-Butanone-d5              | 3.93   | 46    | 196648   | 39.45    | ug/L | -0.02   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 78.90%  |
| 24) Chloroform-d               | 4.40   | 84    | 194299   | 3.87     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 77.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 96522    | 3.97     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 79.40%  |
| 32) Benzene-d6                 | 5.10   | 84    | 398776   | 3.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 78.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.11   | 67    | 120517   | 3.95     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 79.00%  |
| 41) Toluene-d8                 | 7.36   | 98    | 337149   | 3.68     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 73.60%  |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 37689    | 3.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 63.80%  |
| 46) 2-Hexanone-d5              | 8.13   | 63    | 151277   | 36.25    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 72.50%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.25  | 84    | 81814    | 3.68     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 73.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 139604   | 4.42     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 88.40%  |

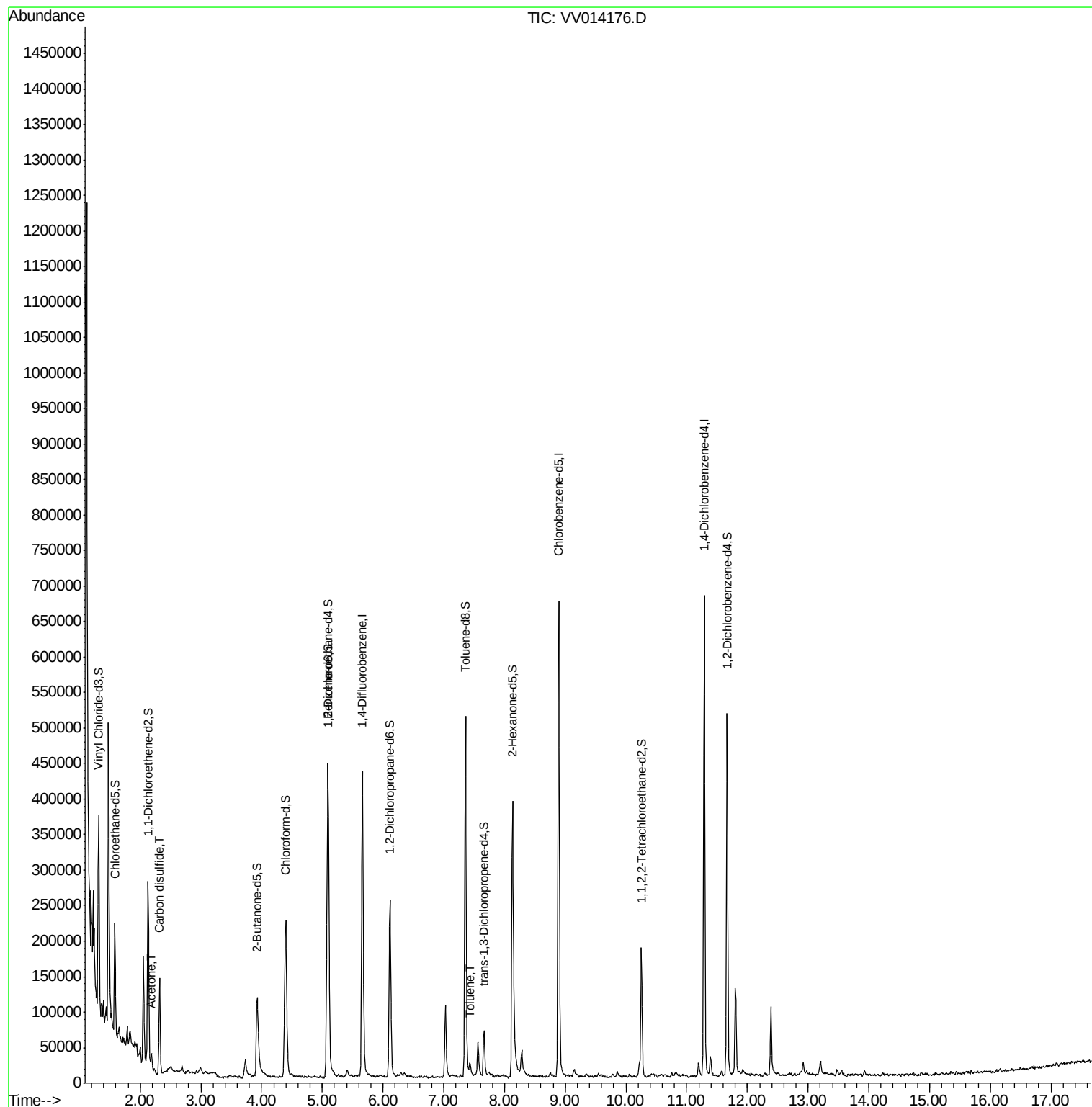
| Target Compounds     |      |    |        |            | Ovalue |
|----------------------|------|----|--------|------------|--------|
| 13) Acetone          | 2.19 | 43 | 19611  | 4.830 ug/L | 98     |
| 14) Carbon disulfide | 2.32 | 76 | 159154 | 2.255 ug/L | 97     |
| 42) Toluene          | 7.43 | 91 | 12765  | 0.117 ug/L | 97     |

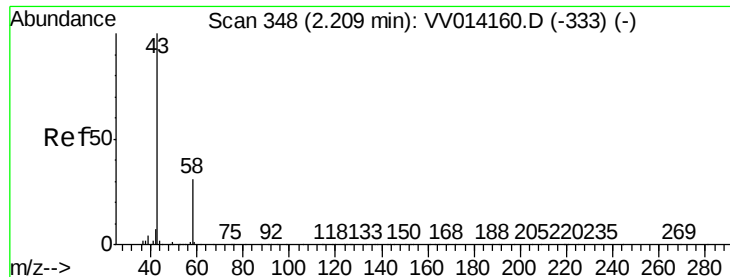
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.830 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.02 min

Lab File: VV014176.D

Acq: 23 Dec 2019 22:43

Instrument :

MSVOA\_V

ClientSampleId :

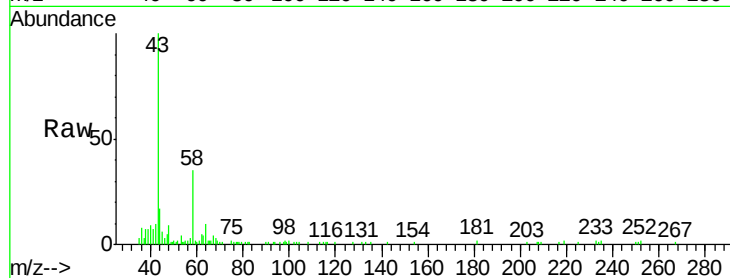
BFE05

Tot Ion: 43 Resp: 19611

Ion Ratio Lower Upper

43 100

58 30.4 0.0 58.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

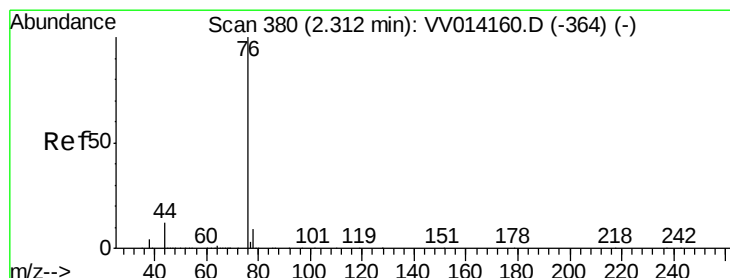
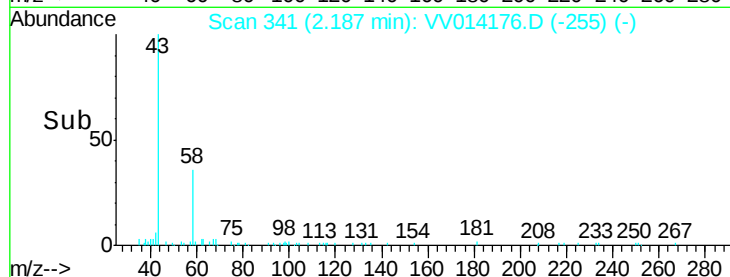
2.19

10000

5000

0

Time--> 2.10 2.15 2.20 2.25 2.30



#14

Carbon disulfide

Concen: 2.255 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

Lab File: VV014176.D

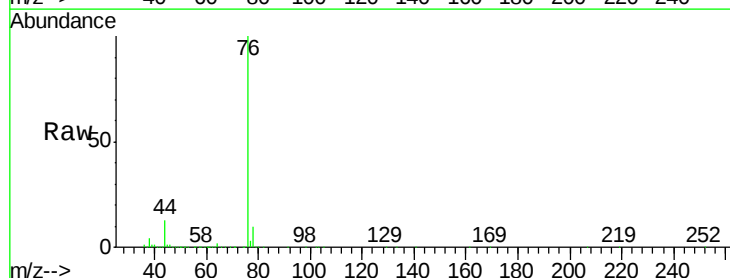
Acq: 23 Dec 2019 22:43

Tgt Ion: 76 Resp: 159154

Ion Ratio Lower Upper

76 100

78 9.8 7.0 10.6



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

120000

100000

80000

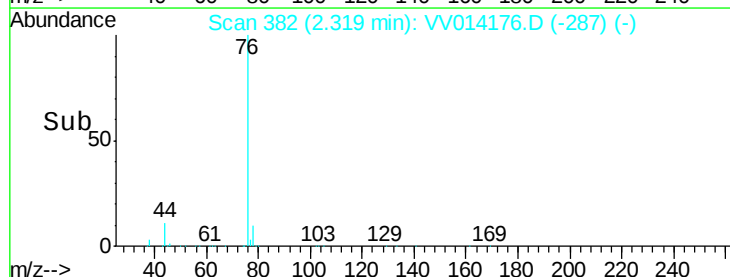
60000

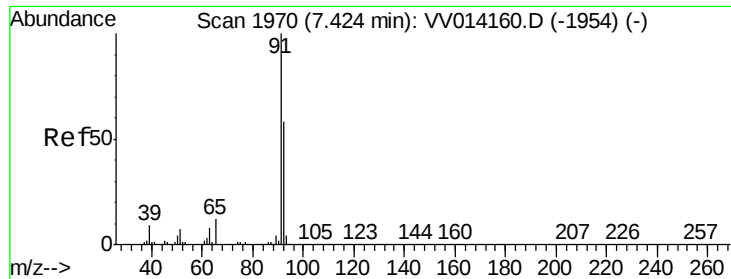
40000

20000

0

Time--> 2.25 2.30 2.35





#42

Toluene

Concen: 0.117 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VV014176.D

Acq: 23 Dec 2019 22:43

Instrument :

MSVOA\_V

ClientSampleId :

BFE05

Tot Ion: 91 Resp: 12765

Ion Ratio Lower Upper

91 100

92 56.8 41.2 76.6

