

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042020\  
 Data File : VV015588.D  
 Acq On : 20 Apr 2020 18:01  
 Operator : SY/MD  
 Sample : L2333-09  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AC1

Manual Integrations  
 APPROVED

apatel  
 4/21/2020 10:44:07 AM

Quant Time: Apr 21 03:40:40 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR040920WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Apr 21 00:05:52 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 102305   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 96873    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 47425    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31   | 65    | 21525    | 4.05     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 81.00%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 21952    | 4.49     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 89.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 34702    | 3.10     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 62.00%  |
| 20) 2-Butanone-d5              | 3.92   | 46    | 81635    | 54.77    | ug/L | -0.01   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 109.54% |
| 24) Chloroform-d               | 4.38   | 84    | 58008    | 4.93     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 98.60%  |
| 26) 1,2-Dichloroethane-d4      | 5.06   | 65    | 31016    | 4.90     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 98.00%  |
| 32) Benzene-d6                 | 5.08   | 84    | 100151   | 4.66     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 93.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.10   | 67    | 33304    | 4.98     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 99.60%  |
| 41) Toluene-d8                 | 7.34   | 98    | 91395    | 4.46     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 89.20%  |
| 43) trans-1,3-Dichloropropene- | 7.64   | 79    | 10809    | 3.71     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 74.20%  |
| 46) 2-Hexanone-d5              | 8.11   | 63    | 62886    | 44.79    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 89.58%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 22529    | 4.24     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 84.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 35222    | 4.63     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 92.60%  |

## Target Compounds

|                          |      |    |       |       | Ovalue |
|--------------------------|------|----|-------|-------|--------|
| 13) Acetone              | 2.20 | 43 | 4152m | 3.943 | ug/L   |
| 14) Carbon disulfide     | 2.31 | 76 | 9014  | 0.403 | ug/L   |
| 25) Chloroform           | 4.41 | 83 | 96997 | 6.948 | ug/L   |
| 38) Bromodichloromethane | 6.54 | 83 | 5125  | 0.534 | ug/L   |
| 42) Toluene              | 7.41 | 91 | 4022  | 0.128 | ug/L   |

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

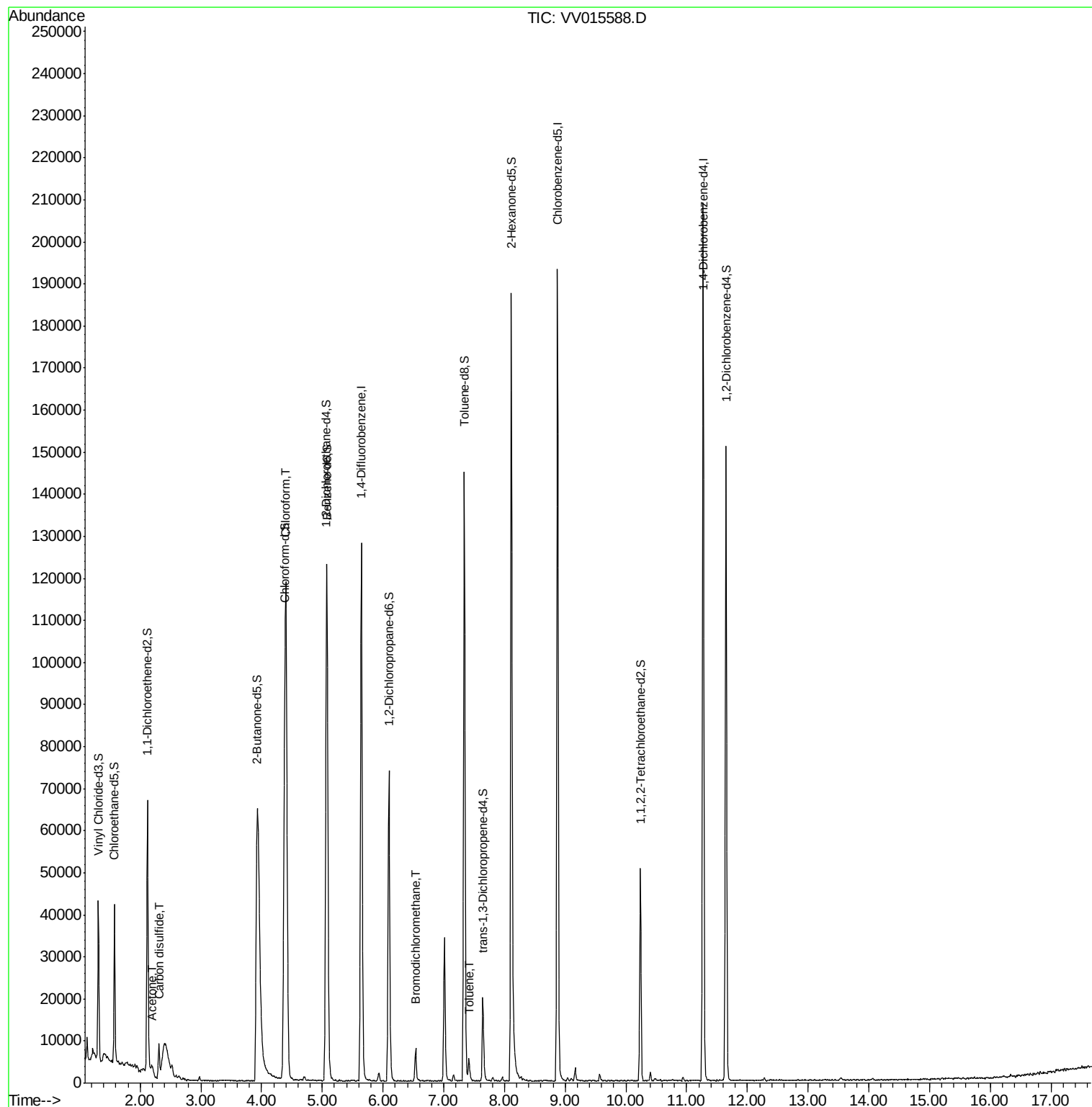
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV042020\  
Data File : VV015588.D  
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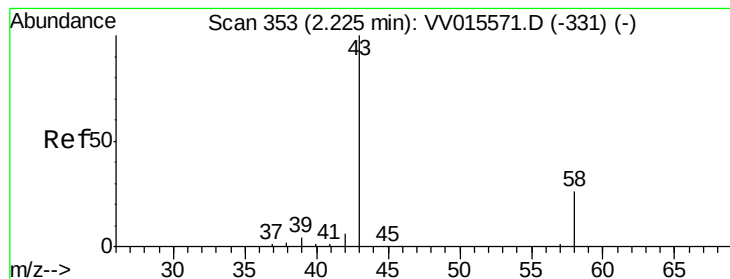
Instrument :  
MSVOA\_V  
ClientSampleId :  
C0AC1

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Quant Title : TRACE VOA SOM01.0  
QLast Update : Tue Apr 21 00:05:52 2020  
Response via : Initial Calibration





#13

Acetone

Concen: 3.943 ug/L m

RT: 2.20 min Scan# 346

Delta R.T. -0.02 min

Lab File: VV015588.D

Acq: 20 Apr 2020 18:01

Instrument :

MSVOA\_V

ClientSampled :

C0AC1

Tot Ion: 43 Resp: 4152

Ion Ratio Lower Upper

43 100

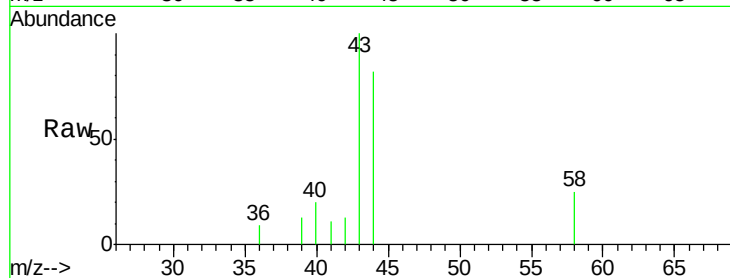
58 2.4 0.0 22.2

Manual Integrations

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Abundance Ion 43.05 (42.75 to 43.75): VV015571.D (-331) (-)

Ion 58.05 (57.75 to 58.75): VV015571.D (-331) (-)

1500

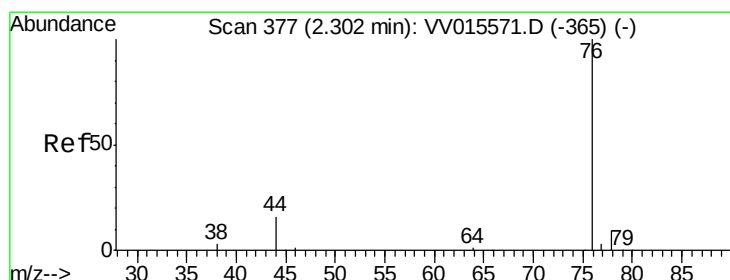
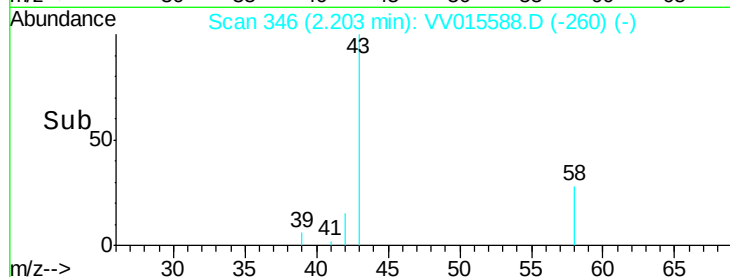
1000

500

0

Time-->

2.15 2.20 2.25 2.30



#14

Carbon disulfide

Concen: 0.403 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.01 min

Lab File: VV015588.D

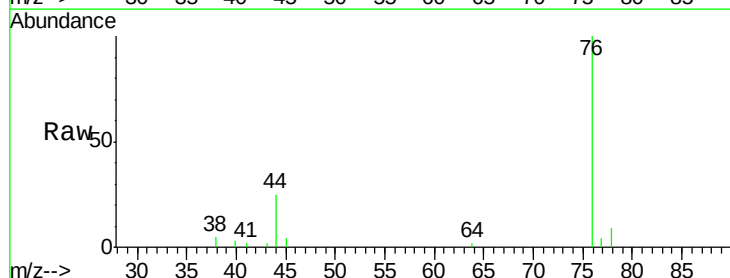
Acq: 20 Apr 2020 18:01

Tgt Ion: 76 Resp: 9014

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VV015571.D (-365) (-)

Ion 78.00 (77.70 to 78.70): VV015571.D (-365) (-)

6000

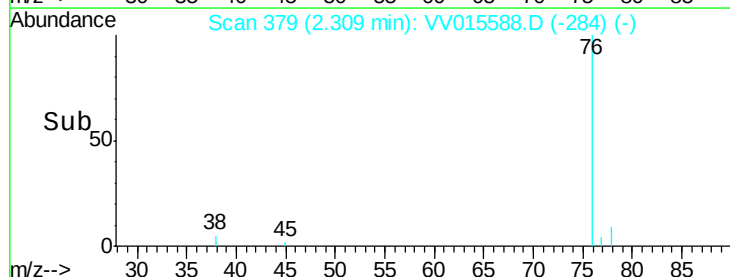
4000

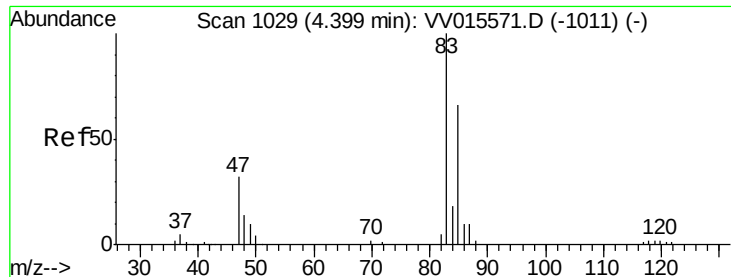
2000

0

Time-->

2.25 2.30 2.35





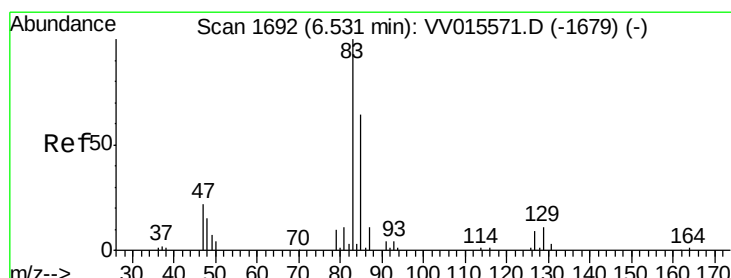
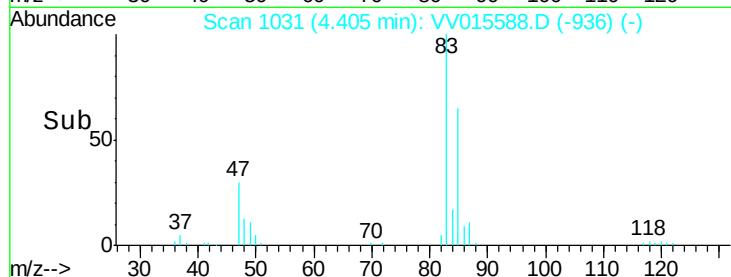
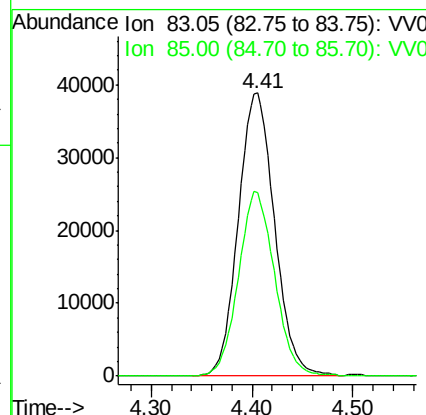
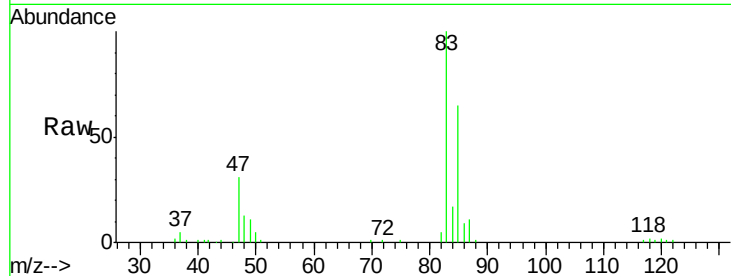
#25  
Chloroform  
Concen: 6.948 ug/L  
RT: 4.41 min Scan# 1031  
Delta R.T. 0.01 min  
Lab File: VV015588.D  
Acq: 20 Apr 2020 18:01

Instrument :  
MSVOA\_V  
ClientSampled :  
C0AC1

| Tot Ion   | 83   | Resp  | 96997 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 83        | 100  |       |       |
| 85        | 65.0 | 45.9  | 85.3  |

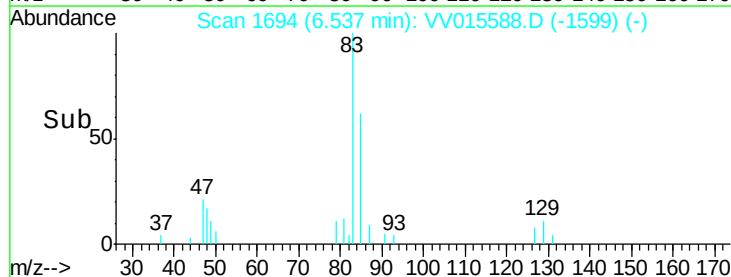
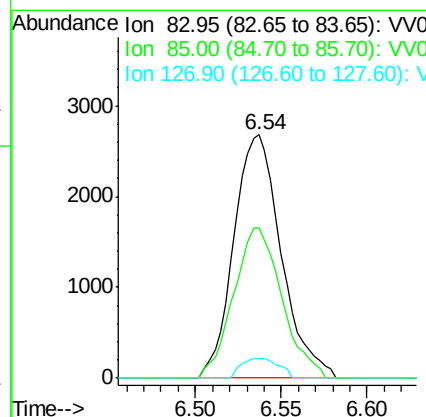
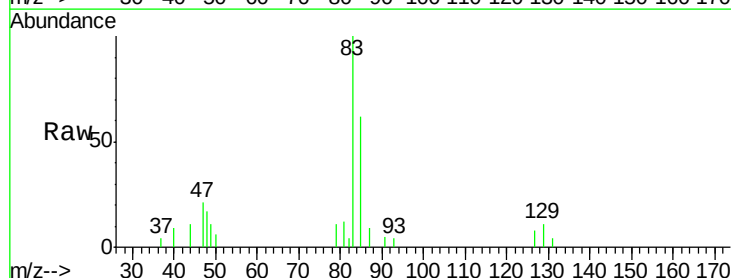
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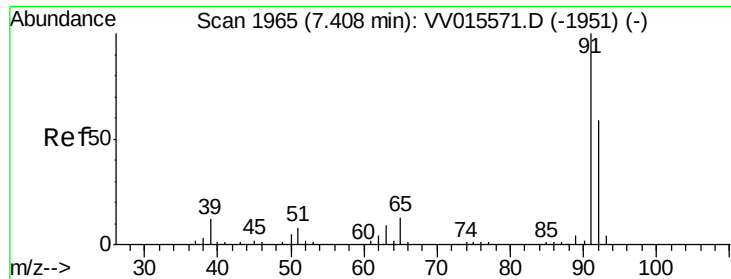
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#38  
Bromodichloromethane  
Concen: 0.534 ug/L  
RT: 6.54 min Scan# 1694  
Delta R.T. 0.01 min  
Lab File: VV015588.D  
Acq: 20 Apr 2020 18:01

| Tgt Ion   | 83   | Resp  | 5125  |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 83        | 100  |       |       |
| 85        | 61.9 | 42.6  | 79.2  |
| 127       | 8.0  | 6.6   | 9.8   |





#42

Toluene

Concen: 0.128 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV015588.D

Acq: 20 Apr 2020 18:01

Instrument :  
MSVOA\_V  
ClientSampleId :  
C0AC1

Tot Ion: 91 Resp: 4022

Ion Ratio Lower Upper

91 100

92 52.0 40.2 74.6

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