

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071520\  
 Data File : VV017508.D  
 Acq On : 15 Jul 2020 13:43  
 Operator : SY/MD  
 Sample : L3281-17  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GAXX7

Manual Integrations  
 APPROVED

MMDadoda  
 7/16/2020 4:23:58 PM

Quant Time: Jul 16 03:39:46 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR071420WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Jul 16 01:29:31 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 133984   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 128622   | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 61595    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 34812    | 4.47     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 89.40%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 38071    | 6.14     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 122.80% |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 68837    | 4.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 80.80%  |
| 20) 2-Butanone-d5              | 3.94   | 46    | 83531    | 52.23    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 104.46% |
| 24) Chloroform-d               | 4.38   | 84    | 79666    | 4.56     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 91.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.06   | 65    | 47222    | 5.08     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 101.60% |
| 32) Benzene-d6                 | 5.07   | 84    | 142212   | 4.78     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 95.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.10   | 67    | 40704    | 4.95     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 99.00%  |
| 41) Toluene-d8                 | 7.34   | 98    | 131350   | 4.53     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 90.60%  |
| 45) trans-1,3-Dichloropropene- | 7.65   | 79    | 18309    | 4.57     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 91.40%  |
| 48) 2-Hexanone-d5              | 8.11   | 63    | 52658    | 44.09    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 88.18%  |
| 59) 1,1,2,2-Tetrachloroethane- | 10.24  | 84    | 24789    | 4.25     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 85.00%  |
| 65) 1,2-Dichlorobenzene-d4     | 11.65  | 152   | 56441    | 5.36     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 107.20% |

| Target Compounds       |      |     |        |             | Ovalue |
|------------------------|------|-----|--------|-------------|--------|
| 13) Acetone            | 2.22 | 43  | 13120m | 11.300 ug/L |        |
| 16) Methylene chloride | 2.52 | 84  | 3272   | 0.337 ug/L  | 88     |
| 42) Toluene            | 7.41 | 91  | 7842   | 0.208 ug/L  | 93     |
| 55) m,p-xylene         | 9.16 | 106 | 1625   | 0.099 ug/L  | 94     |

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

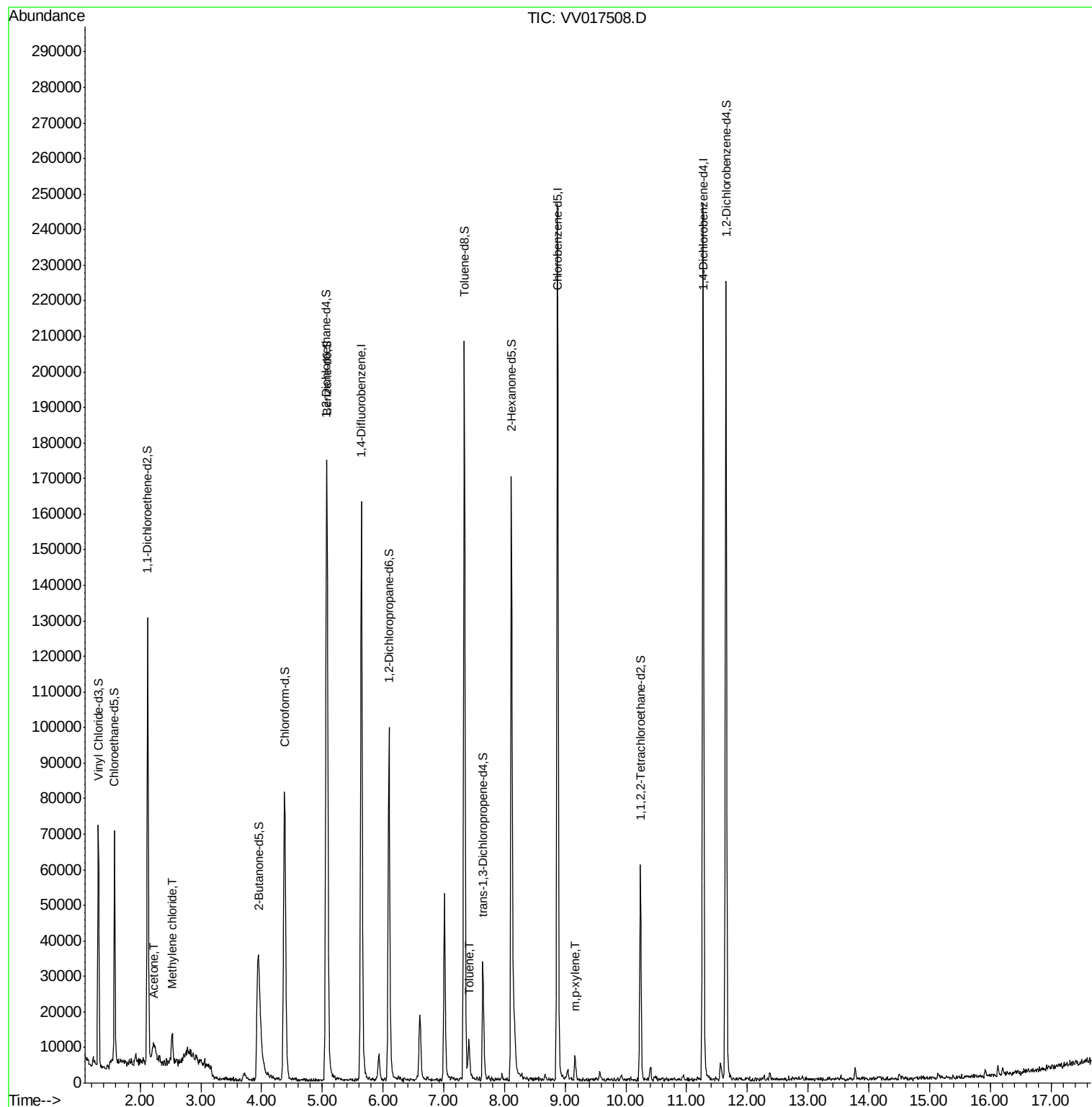
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV071520\  
Data File : VV017508.D  
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ALS Vial : 11 Sample Multiplier: 1

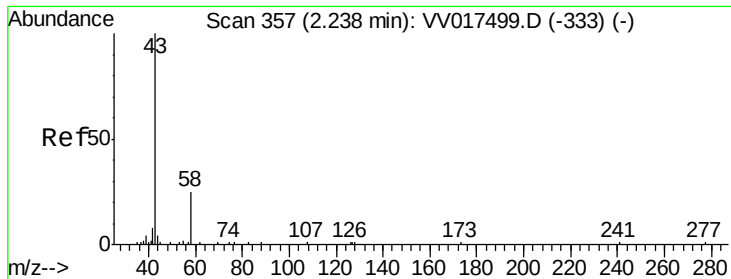
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Quant Title : TRACE VOA SOM01.0  
QLast Update : Thu Jul 16 01:29:31 2020  
Response via : Initial Calibration





#13

Acetone

Concen: 11.300 ug/L m

RT: 2.22 min Scan# 350

Delta R.T. -0.02 min

Lab File: VV017508.D

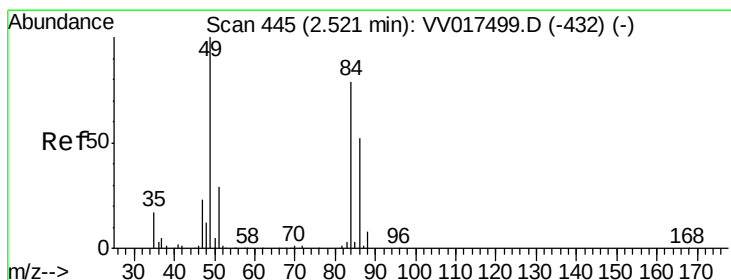
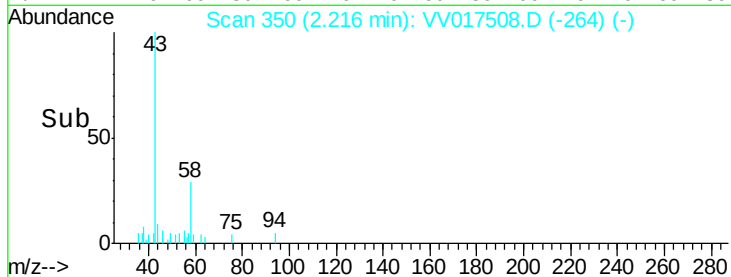
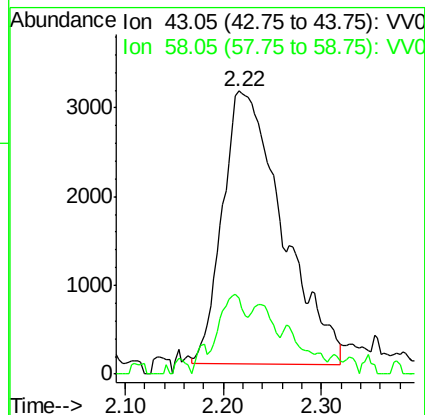
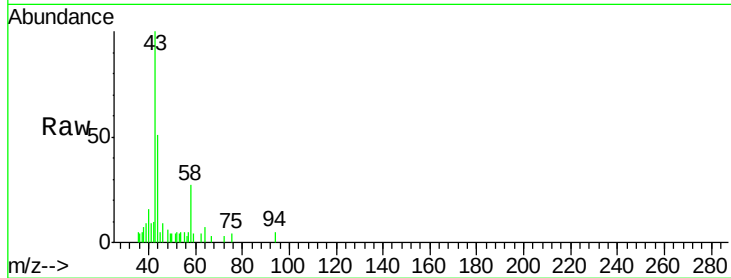
Acq: 15 Jul 2020 13:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 43    | Resp: | 13120 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 58        | 12.8  | 0.0   | 33.6  |

Instrument :  
MSVOA\_V  
ClientSampleId :  
GAXX7

Manual Integrations  
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#16

Methylene chloride

Concen: 0.337 ug/L

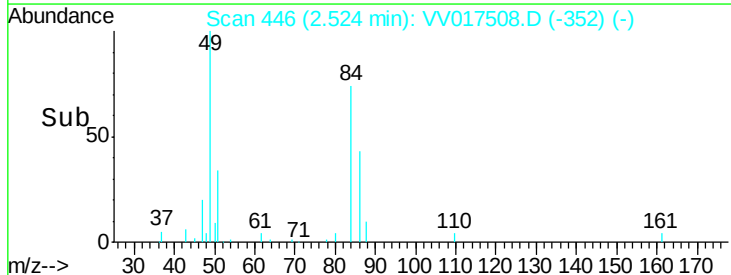
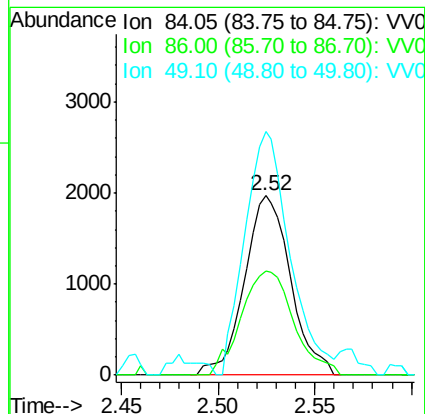
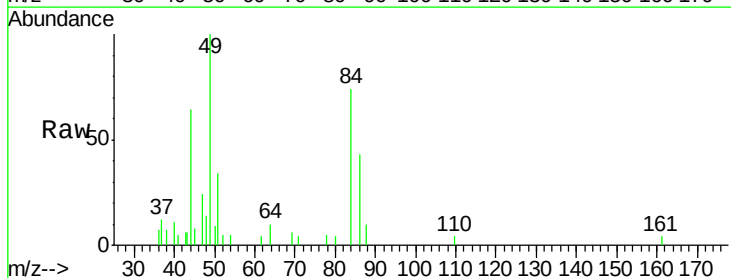
RT: 2.52 min Scan# 446

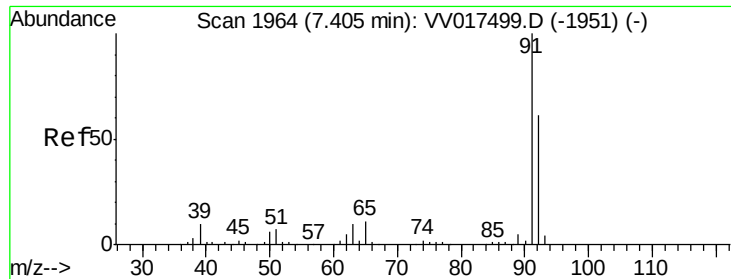
Delta R.T. 0.00 min

Lab File: VV017508.D

Acq: 15 Jul 2020 13:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 84    | Resp: | 3272  |
| Ion Ratio | Lower | Upper |       |
| 84        | 100   |       |       |
| 86        | 58.1  | 45.5  | 84.5  |
| 49        | 135.7 | 84.6  | 157.0 |





#42

Toluene

Concen: 0.208 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV017508.D

Acq: 15 Jul 2020 13:43

Instrument :

MSVOA\_V

ClientSampleId :

GAXX7

Tot Ion: 91 Resp: 7842

Ion Ratio Lower Upper

91 100

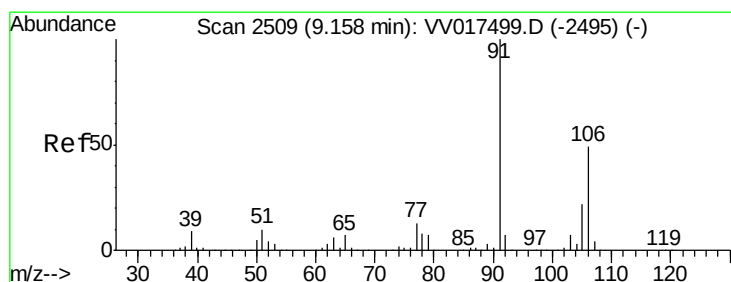
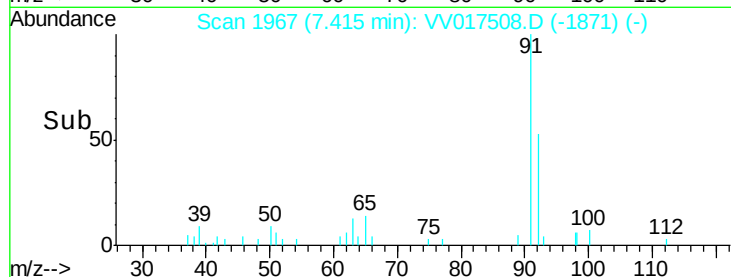
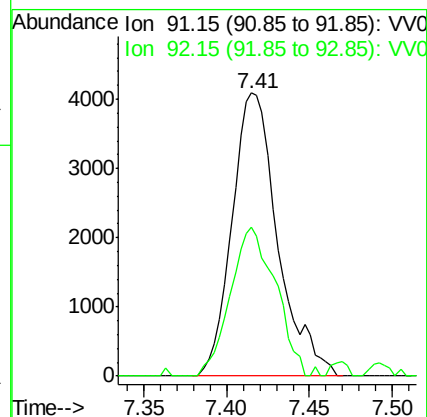
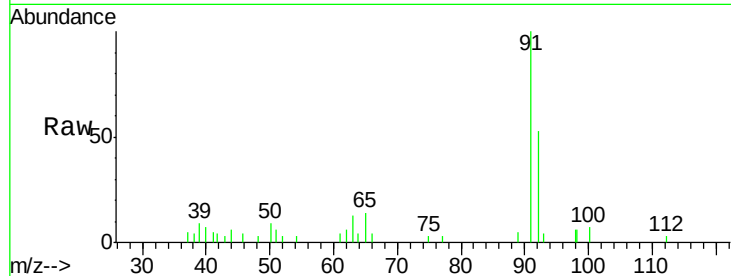
92 52.5 40.7 75.5

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#55

m,p-xylene

Concen: 0.099 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV017508.D

Acq: 15 Jul 2020 13:43

Tgt Ion: 106 Resp: 1625

Ion Ratio Lower Upper

106 100

91 196.4 144.2 267.8

