

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062219\  
 Data File : VV011688.D  
 Acq On : 21 Jun 2019 16:56  
 Operator : SY/MD  
 Sample : K3415-07  
 Misc : 25ML/MSVOA V/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GALP4

Quant Time: Jun 24 09:18:24 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR062119WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Mon Jun 24 03:42:07 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 154964   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 145668   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 59116    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31   | 65    | 45956    | 4.47     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 89.40%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 31751    | 4.39     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 87.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 70497    | 3.37     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 67.40%  |
| 20) 2-Butanone-d5              | 3.96   | 46    | 159928   | 59.03    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 118.06% |
| 24) Chloroform-d               | 4.40   | 84    | 78937    | 4.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 84.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 59362    | 5.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 105.20% |
| 32) Benzene-d6                 | 5.09   | 84    | 195748   | 4.82     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 96.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 60870    | 4.86     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 97.20%  |
| 41) Toluene-d8                 | 7.36   | 98    | 165131   | 4.49     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 89.80%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 18559    | 4.25     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 85.00%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 119761   | 58.36    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 116.72% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 45317    | 5.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 104.20% |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 57477    | 5.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 103.00% |

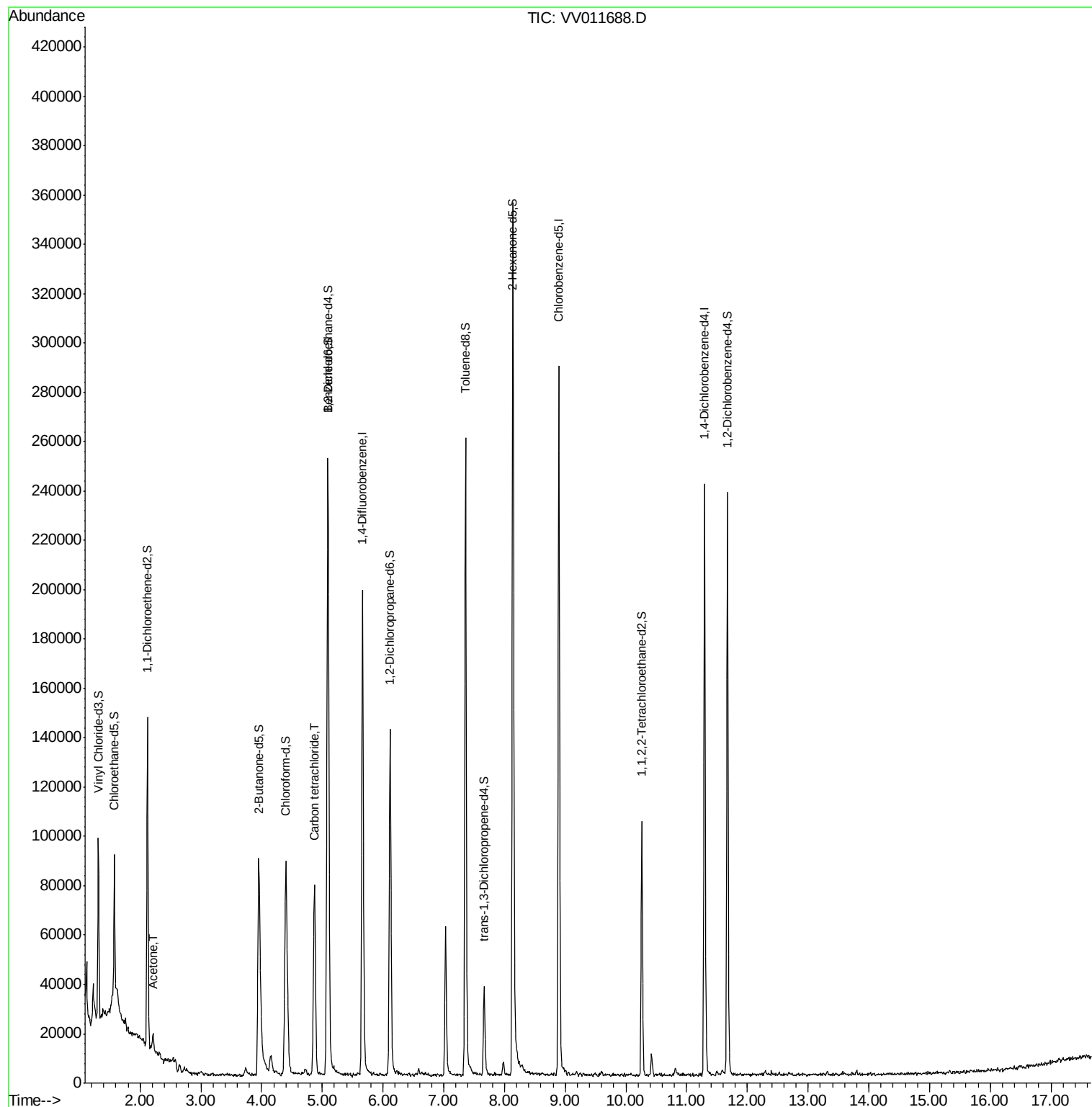
| Target Compounds         |      |     |       |            | Ovalue |
|--------------------------|------|-----|-------|------------|--------|
| 13) Acetone              | 2.21 | 43  | 8668  | 4.429 ug/L | 97     |
| 31) Carbon tetrachloride | 4.87 | 117 | 53294 | 3.361 ug/L | 100    |

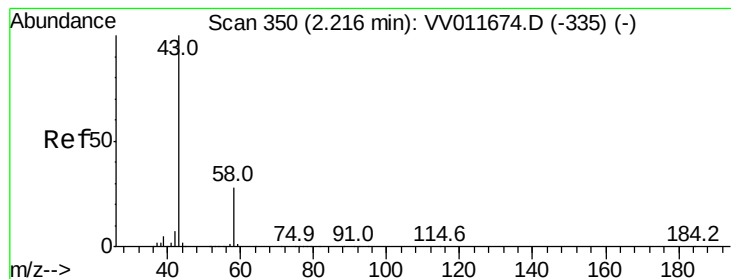
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 24 03:42:07 2019  
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#13

Acetone

Concen: 4.429 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.00 min

Lab File: VV011688.D

Acq: 21 Jun 2019 16:56

Instrument :

MSVOA\_V

ClientSampleId :

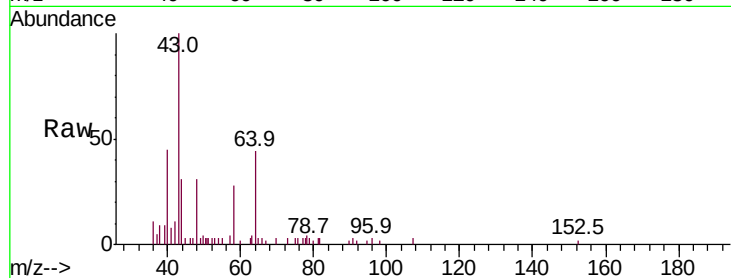
GALP4

Tot Ion: 43 Resp: 8668

Ion Ratio Lower Upper

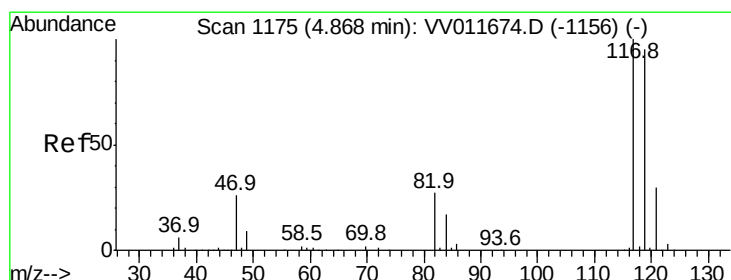
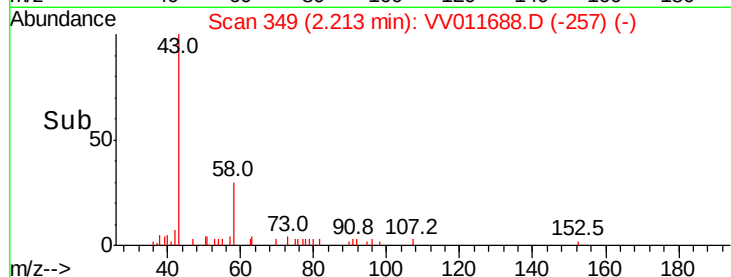
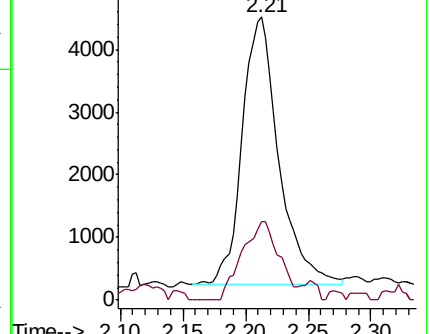
43 100

58 29.9 0.0 56.6



Abundance Ion 43.05 (42.75 to 43.75): VV011674.D (-335) (-)

Ion 58.05 (57.75 to 58.75): VV011674.D (-335) (-)



#31

Carbon tetrachloride

Concen: 3.361 ug/L

RT: 4.87 min Scan# 1176

Delta R.T. 0.00 min

Lab File: VV011688.D

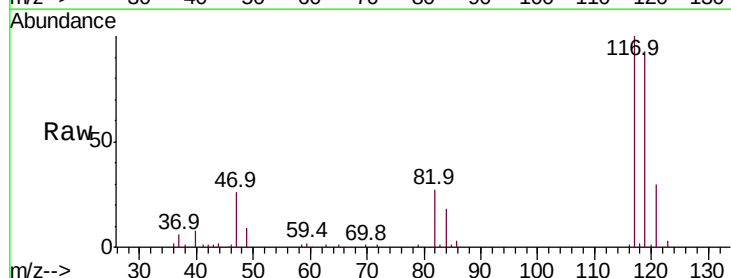
Acq: 21 Jun 2019 16:56

Tgt Ion: 117 Resp: 53294

Ion Ratio Lower Upper

117 100

119 96.8 77.1 115.7



Abundance Ion 116.90 (116.60 to 117.60): VV011674.D (-1156) (-)

Ion 118.90 (118.60 to 119.60): VV011674.D (-1156) (-)

