

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060519\  
 Data File : VV011235.D  
 Acq On : 05 Jun 2019 17:42  
 Operator : SY/MD  
 Sample : K3197-07  
 Misc : 25ML/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F9P48

Quant Time: Jun 06 07:01:12 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR060419WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Jun 06 05:43:55 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 170663   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 160803   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 71933    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.31   | 65    | 61840    | 4.78     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 95.60% |
| 7) Chloroethane-d5             | 1.58   | 69    | 44458    | 4.14     | ug/L | 0.02   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 82.80% |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 100224   | 3.88     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 77.60% |
| 20) 2-Butanone-d5              | 3.98   | 46    | 128015   | 43.97    | ug/L | 0.05   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 87.94% |
| 24) Chloroform-d               | 4.40   | 84    | 102577   | 4.51     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 90.20% |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 58221    | 4.73     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 94.60% |
| 32) Benzene-d6                 | 5.09   | 84    | 225176   | 4.68     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 93.60% |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 67703    | 4.57     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 91.40% |
| 41) Toluene-d8                 | 7.36   | 98    | 206832   | 4.68     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 93.60% |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 22006    | 3.90     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 78.00% |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 111534   | 46.74    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 93.48% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 44717    | 4.43     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 88.60% |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 65743    | 4.63     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 92.60% |

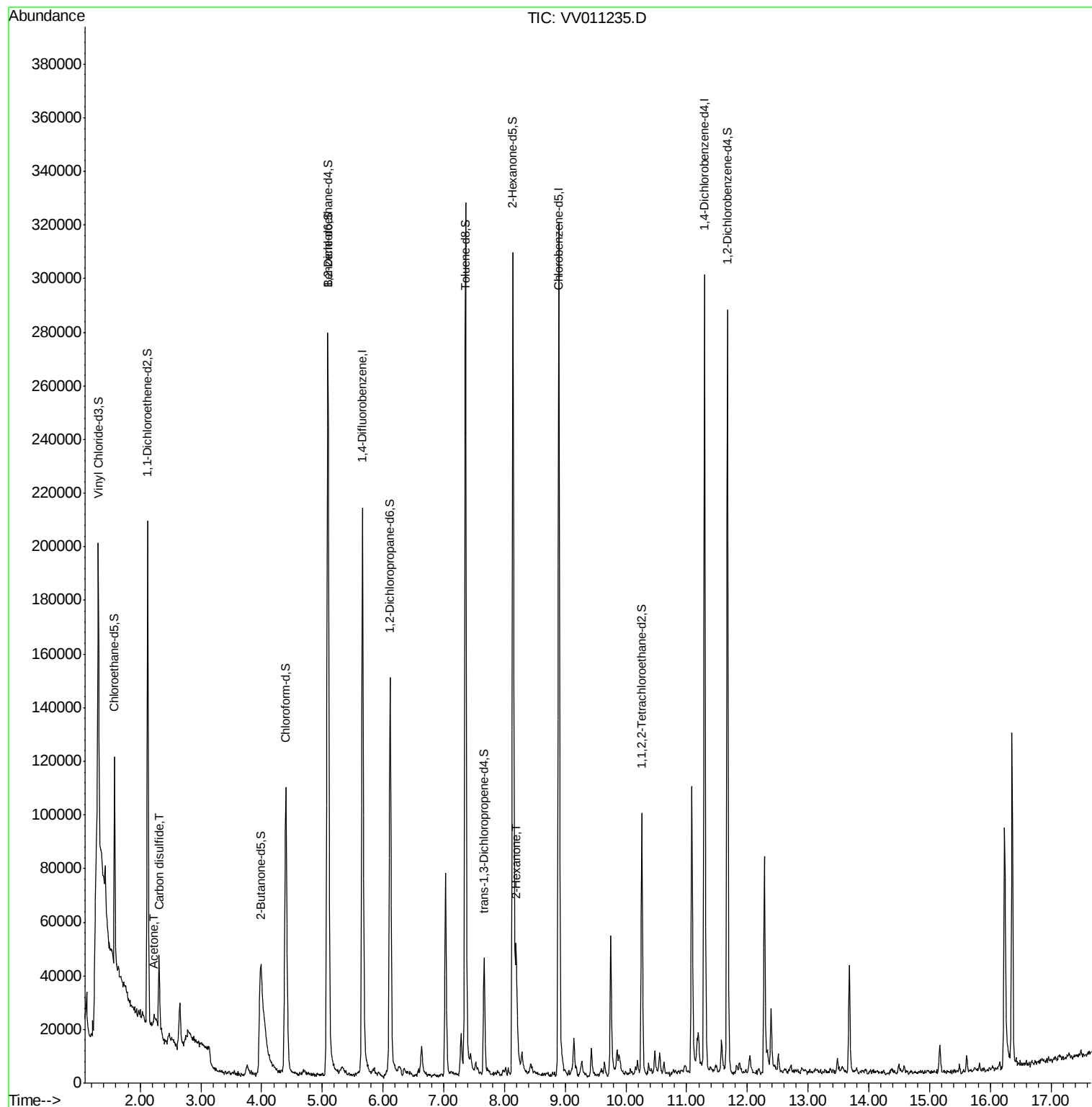
| Target Compounds     |      |    |       |            | Ovalue |
|----------------------|------|----|-------|------------|--------|
| 13) Acetone          | 2.24 | 43 | 11674 | 5.980 ug/L | 65     |
| 14) Carbon disulfide | 2.31 | 76 | 31370 | 0.962 ug/L | 96     |
| 48) 2-Hexanone       | 8.19 | 43 | 28148 | 4.977 ug/L | 98     |

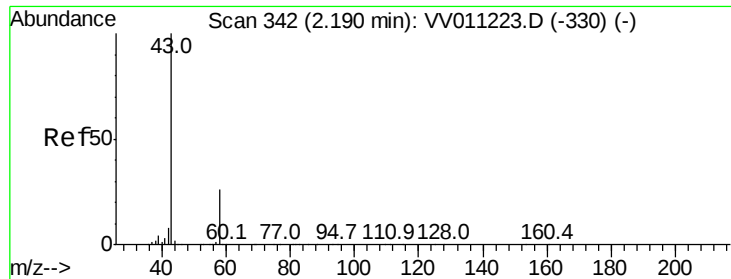
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.980 ug/L

RT: 2.24 min Scan# 358

Delta R.T. 0.05 min

Lab File: VV011235.D

Acq: 05 Jun 2019 17:42

Instrument :

MSVOA\_V

ClientSampleId :

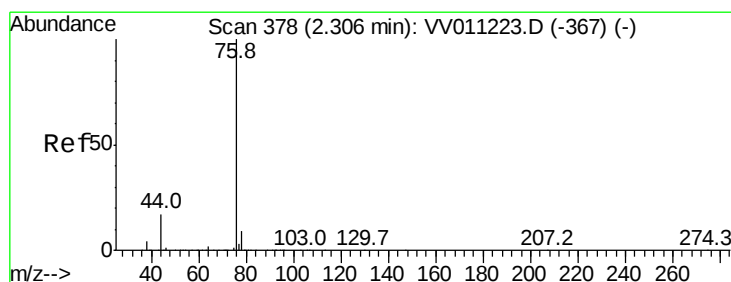
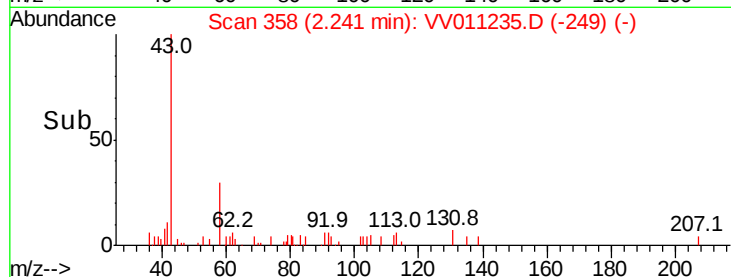
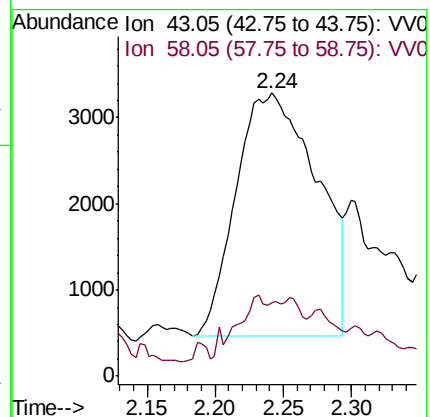
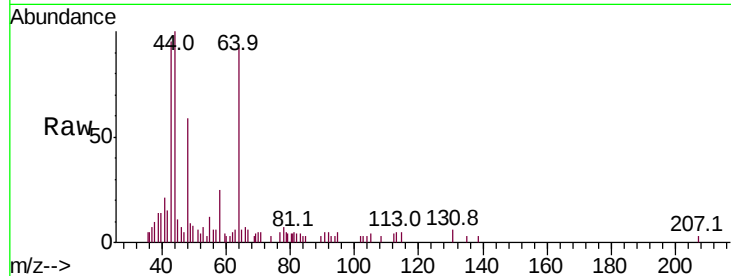
F9P48

Tot Ion: 43 Resp: 11674

Ion Ratio Lower Upper

43 100

58 9.4 0.0 55.2



#14

Carbon disulfide

Concen: 0.962 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.01 min

Lab File: VV011235.D

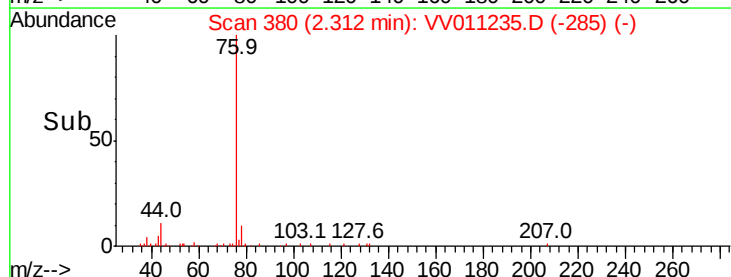
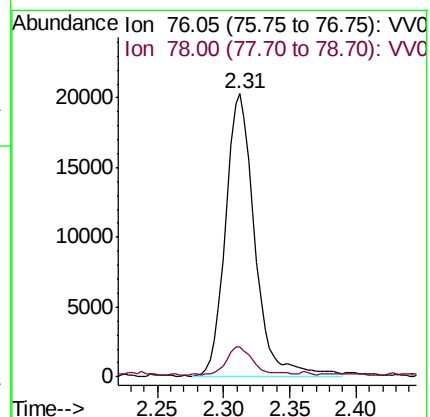
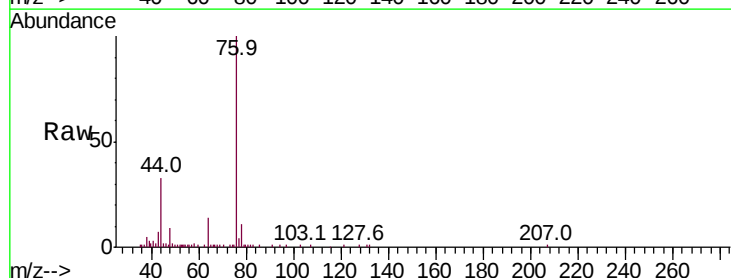
Acq: 05 Jun 2019 17:42

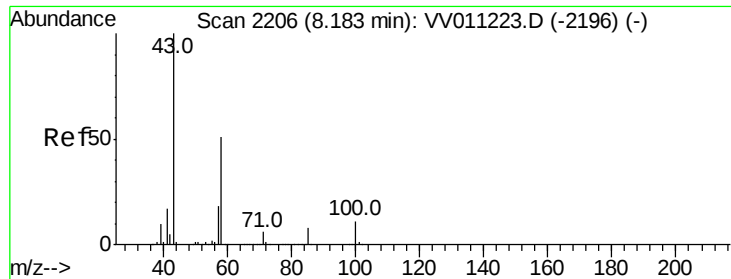
Tgt Ion: 76 Resp: 31370

Ion Ratio Lower Upper

76 100

78 10.5 7.3 10.9





#48  
 2-Hexanone  
 Concen: 4.977 ug/L  
 RT: 8.19 min Scan# 2209  
 Delta R.T. 0.01 min  
 Lab File: VV011235.D  
 Acq: 05 Jun 2019 17:42

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F9P48

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 28148 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 49.9  | 41.4  | 62.0  |
| 57       | 19.3  | 15.0  | 22.4  |
| 100      | 10.6  | 9.0   | 13.4  |

