

Data File : VV014233.D  
Acq On : 31 Dec 2019 13:01  
Operator : SY/MD  
Sample : K6459-18  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
H0BP5

Quant Time: Jan 01 03:06:12 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR122719WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Wed Jan 01 03:03:23 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 869523   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 792926   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 369159   | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 43196    | 1.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 21.20%# |
| 7) Chloroethane-d5             | 1.59   | 69    | 58519    | 1.72     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 34.40%# |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 34391    | 0.47     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 9.40%#  |
| 20) 2-Butanone-d5              | 3.93   | 46    | 634397   | 62.71    | ug/L | -0.01   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 125.42% |
| 24) Chloroform-d               | 4.40   | 84    | 205911   | 2.02     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 40.40%# |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 130792   | 2.66     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 53.20%# |
| 32) Benzene-d6                 | 5.10   | 84    | 259249   | 1.20     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 24.00%# |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 139461   | 2.13     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 42.60%# |
| 41) Toluene-d8                 | 7.36   | 98    | 153496   | 0.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 15.20%# |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 59665    | 2.03     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 40.60%# |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 517617   | 46.52    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 93.04%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 196083   | 4.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 83.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 162284   | 2.45     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 49.00%# |

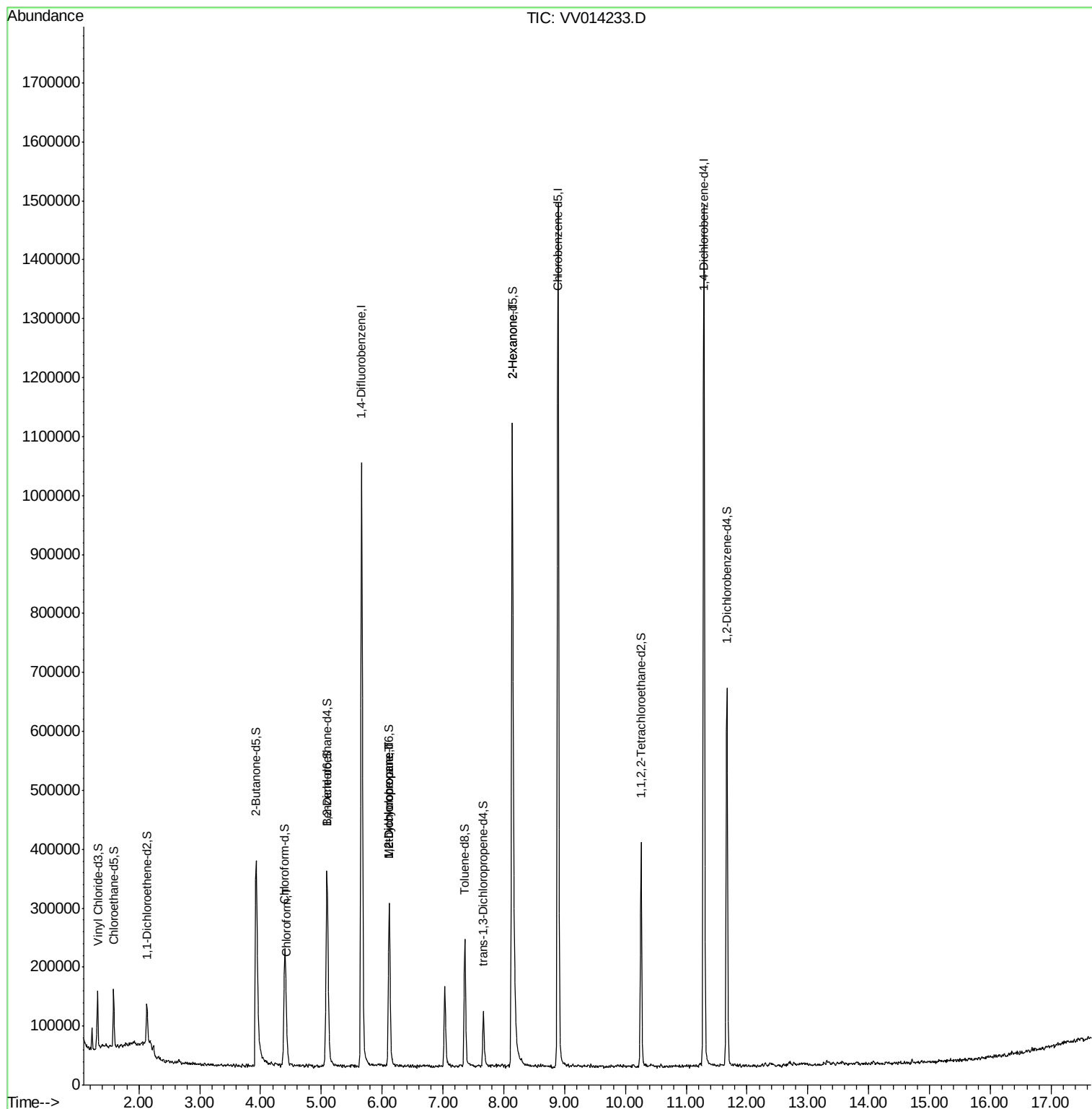
| Target Compounds        |      |    |       |              | Qvalue |
|-------------------------|------|----|-------|--------------|--------|
| 25) Chloroform          | 4.43 | 83 | 28174 | 0.250 ug/L   | 95     |
| 35) Methylcyclohexane   | 6.12 | 83 | 34845 | 0.318 ug/L # | 19     |
| 37) 1,2-Dichloropropane | 6.12 | 63 | 15756 | 0.264 ug/L # | 91     |
| 48) 2-Hexanone          | 8.14 | 43 | 77369 | 3.019 ug/L # | 68     |

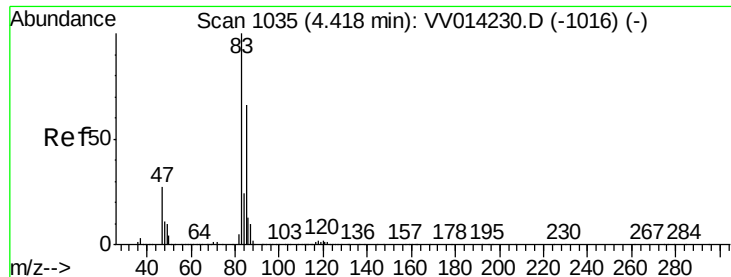
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 0.250 ug/L

RT: 4.43 min Scan# 1039

Delta R.T. 0.01 min

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MSVOA\_V

ClientSampleId :

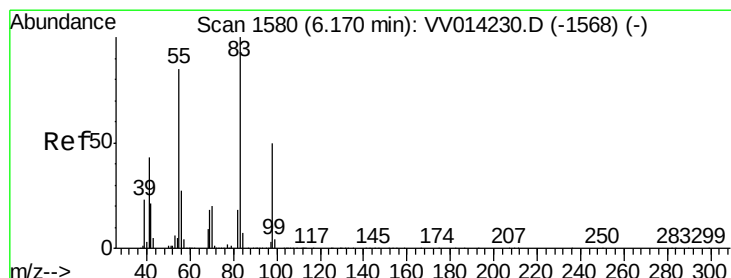
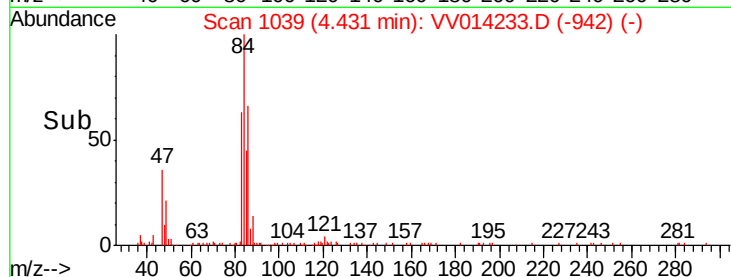
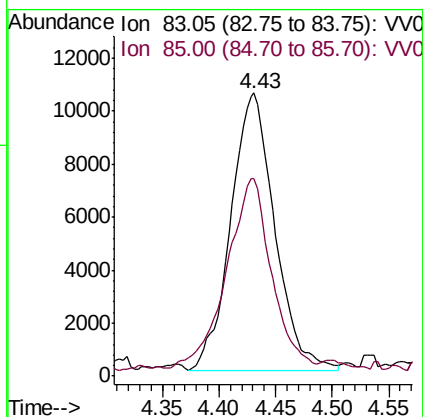
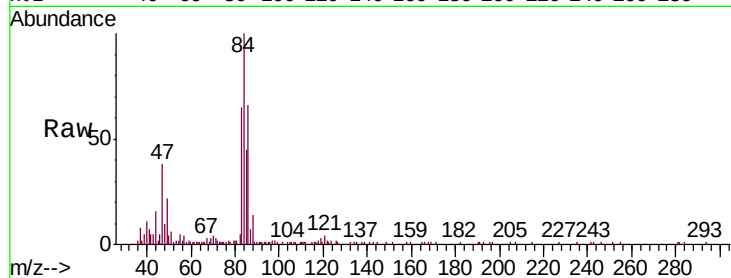
H0BP5

Tgt Ion: 83 Resp: 28174

Ion Ratio Lower Upper

83 100

85 69.9 46.2 85.8



#35

Methylcyclohexane

Concen: 0.318 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

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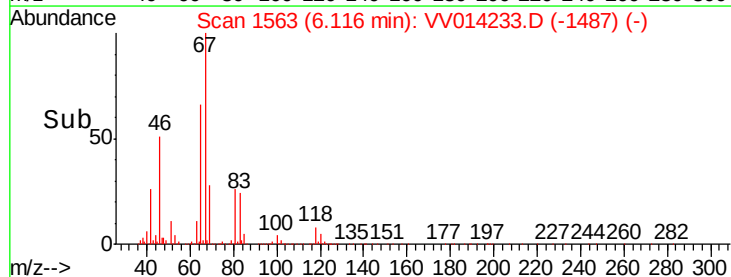
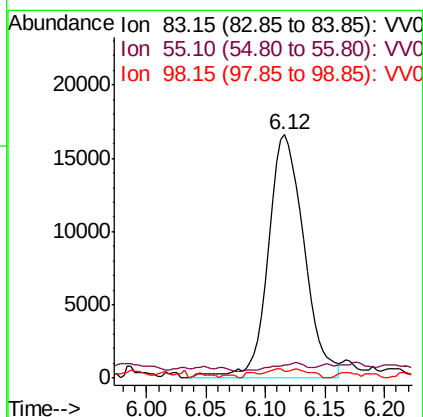
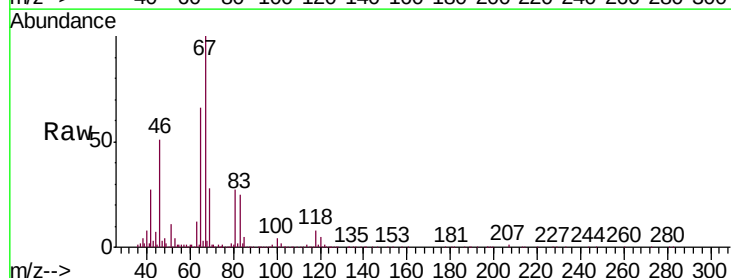
Tgt Ion: 83 Resp: 34845

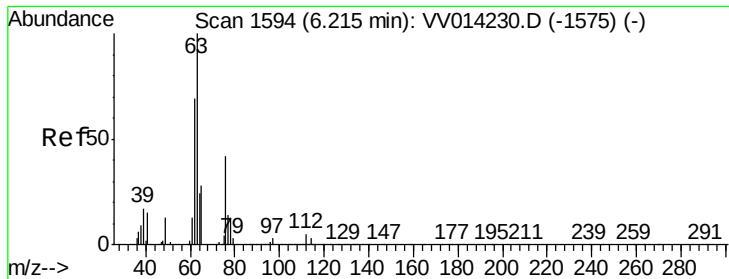
Ion Ratio Lower Upper

83 100

55 0.0 61.7 92.5#

98 1.4 38.1 57.1#





#37

1,2-Dichloropropane

Concen: 0.264 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

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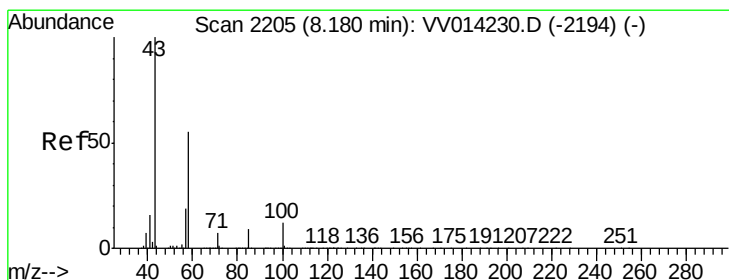
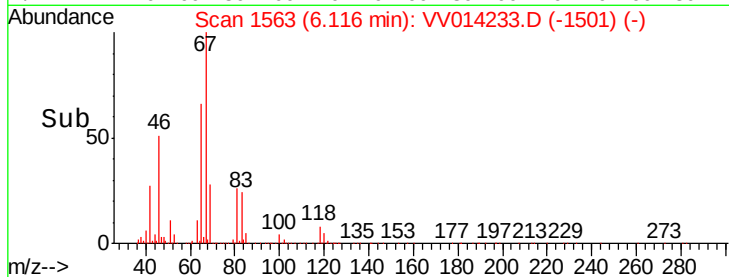
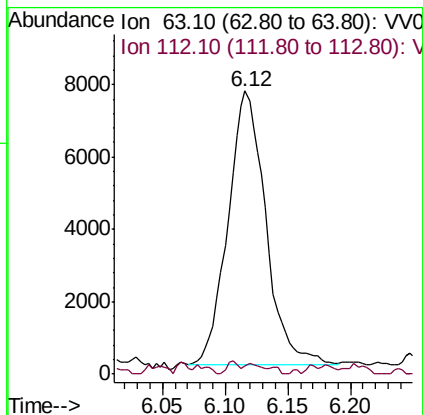
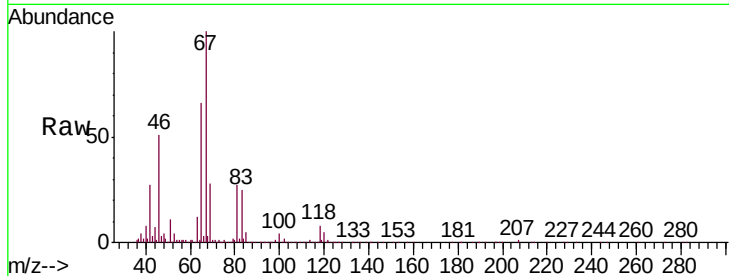
H0BP5

Tgt Ion: 63 Resp: 15756

Ion Ratio Lower Upper

63 100

112 1.7 3.7 5.5#



#48

2-Hexanone

Concen: 3.019 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.04 min

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Acq: 31 Dec 2019 13:01

Tgt Ion: 43 Resp: 77369

Ion Ratio Lower Upper

43 100

58 27.4 45.4 68.0#

57 15.3 15.8 23.8#

100 0.6 10.2 15.4#

