

Data File : VV010559.D  
Acq On : 29 Apr 2019 20:37  
Operator : SY/MD  
Sample : K2593-07  
Misc : 25mL/MSVOA\_V/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
C0XE4

Quant Time: Apr 30 06:50:17 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR042719WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Tue Apr 30 06:45:30 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 226063   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 218441   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 98361    | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 45861    | 4.17     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 83.40%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 26598    | 4.52     | ug/L | 0.01    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 90.40%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 66017    | 3.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 63.80%  |
| 20) 2-Butanone-d5              | 3.96   | 46    | 125486   | 44.25    | ug/L | 0.02    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 88.50%  |
| 24) Chloroform-d               | 4.40   | 84    | 140642   | 4.77     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 95.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 66980    | 4.93     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 98.60%  |
| 32) Benzene-d6                 | 5.10   | 84    | 264338   | 4.90     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 98.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 75081    | 4.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 97.60%  |
| 41) Toluene-d8                 | 7.36   | 98    | 242989   | 4.72     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 94.40%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 24401    | 4.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 83.00%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 107115   | 43.20    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 86.40%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 55548    | 4.55     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 91.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 102473   | 5.40     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 108.00% |

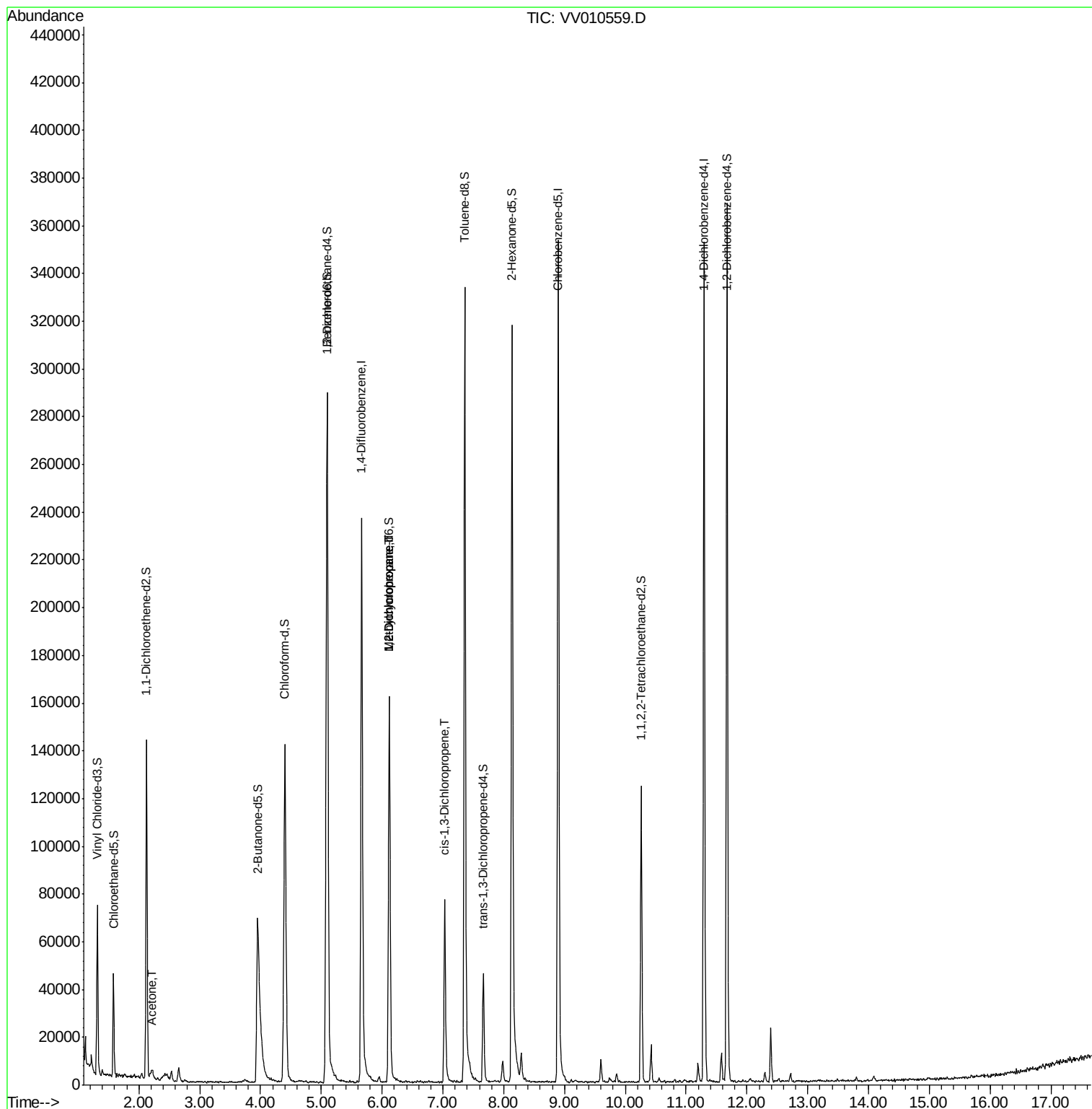
| Target Compounds            |      |    |       |              | Qvalue |
|-----------------------------|------|----|-------|--------------|--------|
| 13) Acetone                 | 2.21 | 43 | 6478  | 4.585 ug/L   | 63     |
| 35) Methylcyclohexane       | 6.12 | 83 | 19093 | 0.894 ug/L # | 19     |
| 37) 1,2-Dichloropropane     | 6.12 | 63 | 8531  | 0.655 ug/L # | 87     |
| 39) cis-1,3-Dichloropropene | 7.03 | 75 | 2069  | 0.110 ug/L # | 49     |

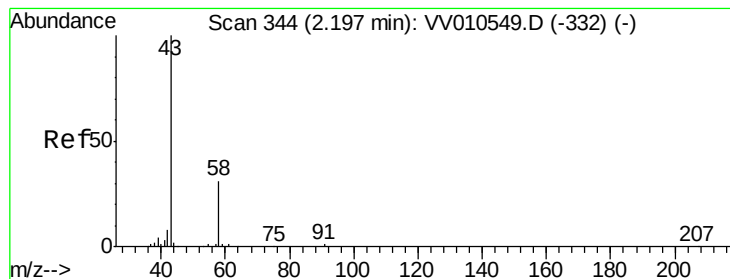
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.585 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.01 min

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Acq: 29 Apr 2019 20:37

Instrument :

MSVOA\_V

ClientSampleId :

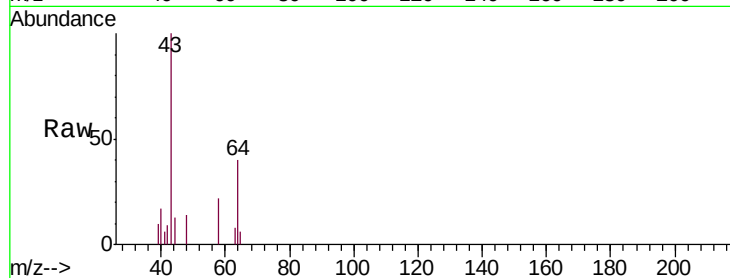
C0XE4

Tgt Ion: 43 Resp: 6478

Ion Ratio Lower Upper

43 100

58 9.0 0.0 57.4



Abundance Ion 43.05 (42.75 to 43.75): VV010549.D (-332) (-)

Ion 58.05 (57.75 to 58.75): VV010549.D (-332) (-)

2.21

3000

2500

2000

1500

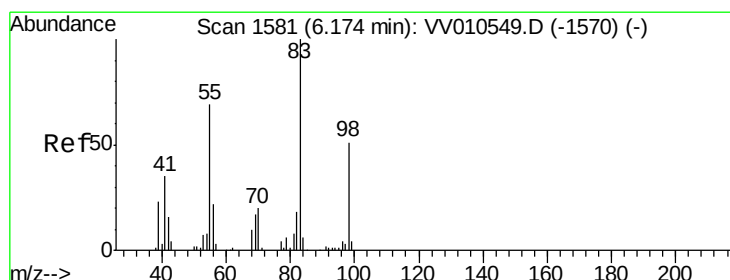
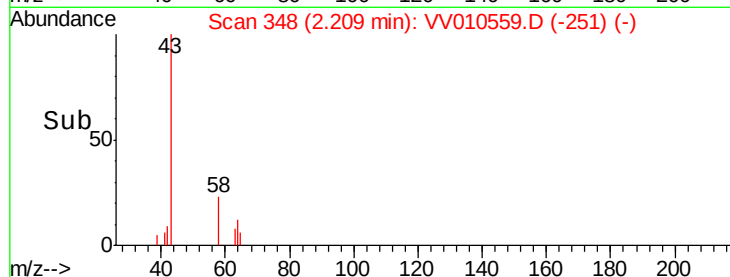
1000

500

0

Time-->

2.15 2.20 2.25 2.30



#35

Methylcyclohexane

Concen: 0.894 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV010559.D

Acq: 29 Apr 2019 20:37

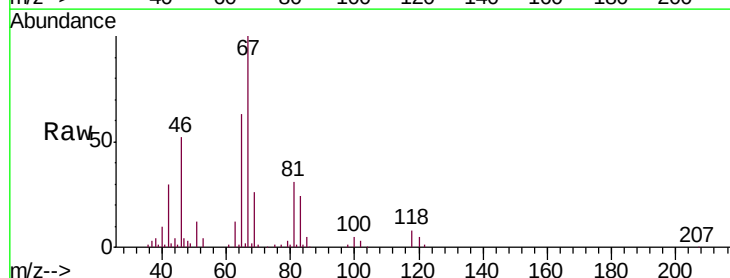
Tgt Ion: 83 Resp: 19093

Ion Ratio Lower Upper

83 100

55 0.0 58.0 87.0#

98 0.7 40.4 60.6#



Abundance Ion 83.15 (82.85 to 83.85): VV010549.D (-1570) (-)

Ion 55.10 (54.80 to 55.80): VV010549.D (-1570) (-)

Ion 98.15 (97.85 to 98.85): VV010549.D (-1570) (-)

12000

10000

8000

6000

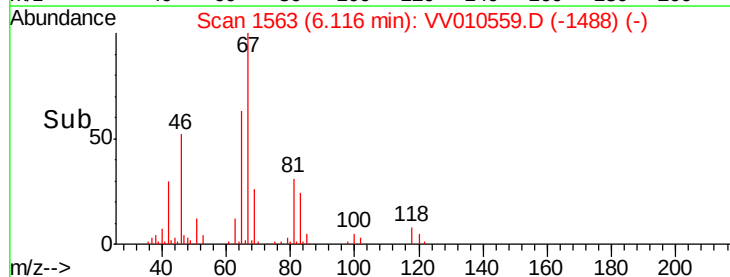
4000

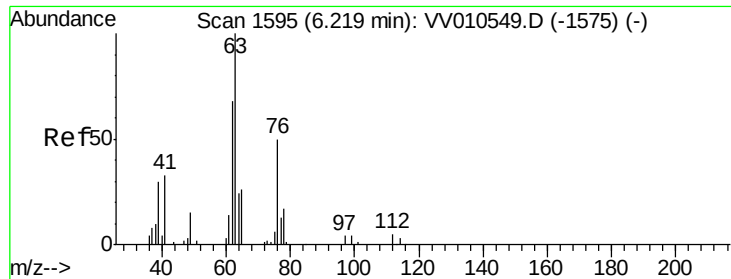
2000

0

Time-->

6.05 6.10 6.15 6.20

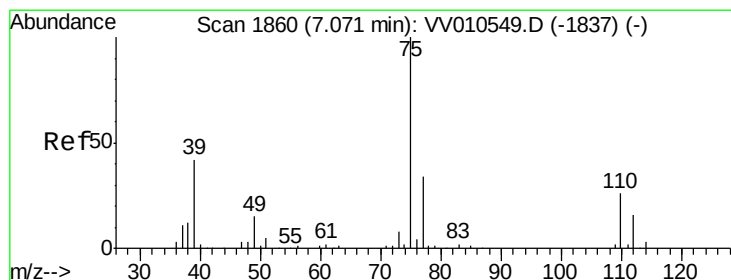
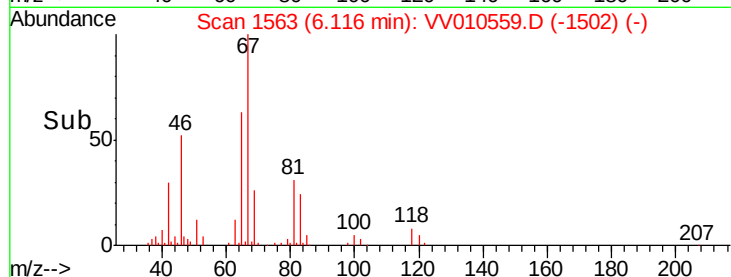
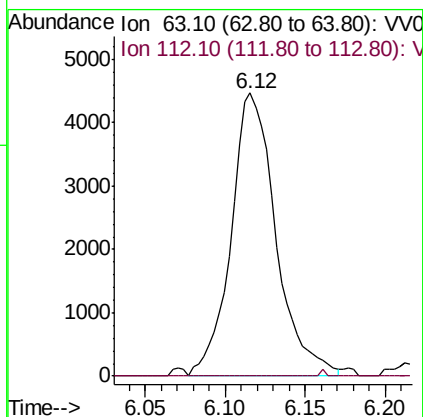
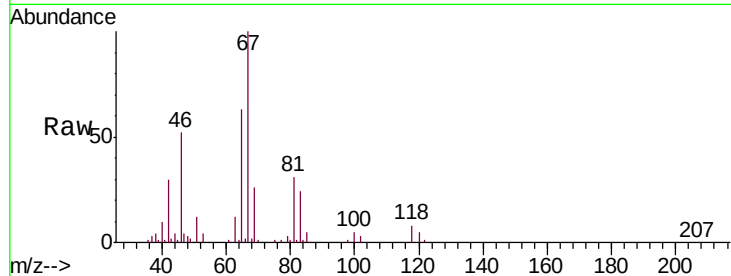




#37  
 1,2-Dichloropropane  
 Concen: 0.655 ug/L  
 RT: 6.12 min Scan# 1563  
 Delta R.T. -0.10 min  
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Tgt Ion: 63 Resp: 8531  
 Ion Ratio Lower Upper  
 63 100  
 112 0.2 3.7 5.5#



#39  
 cis-1,3-Dichloropropene  
 Concen: 0.110 ug/L  
 RT: 7.03 min Scan# 1848  
 Delta R.T. -0.04 min  
 Lab File: VV010559.D  
 Acq: 29 Apr 2019 20:37

Tgt Ion: 75 Resp: 2069  
 Ion Ratio Lower Upper  
 75 100  
 77 59.0 21.6 40.0#

