

Data File : VV009423.D  
Acq On : 28 Feb 2019 15:13  
Operator : SY/MD  
Sample : K1599-02  
Misc : 25ML/MSVOA\_V/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
CWJW6

Quant Time: Mar 01 03:53:42 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR022819WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Fri Mar 01 03:49:54 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 140411   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 131585   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 61652    | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 27872    | 3.80     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 76.00%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 25191    | 3.80     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 76.00%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 52856    | 2.85     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 57.00%# |
| 20) 2-Butanone-d5              | 3.96   | 46    | 59191    | 42.56    | ug/L | -0.02   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 85.12%  |
| 24) Chloroform-d               | 4.40   | 84    | 56789    | 3.95     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 79.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 28148    | 3.97     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 79.40%  |
| 32) Benzene-d6                 | 5.10   | 84    | 117044   | 4.18     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 83.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 35039    | 4.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 82.40%  |
| 41) Toluene-d8                 | 7.36   | 98    | 117289   | 4.10     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 82.00%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 14358    | 3.81     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 76.20%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 52281    | 42.80    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 85.60%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 25932    | 3.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 78.40%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 41037    | 4.14     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 82.80%  |

#### Target Compounds

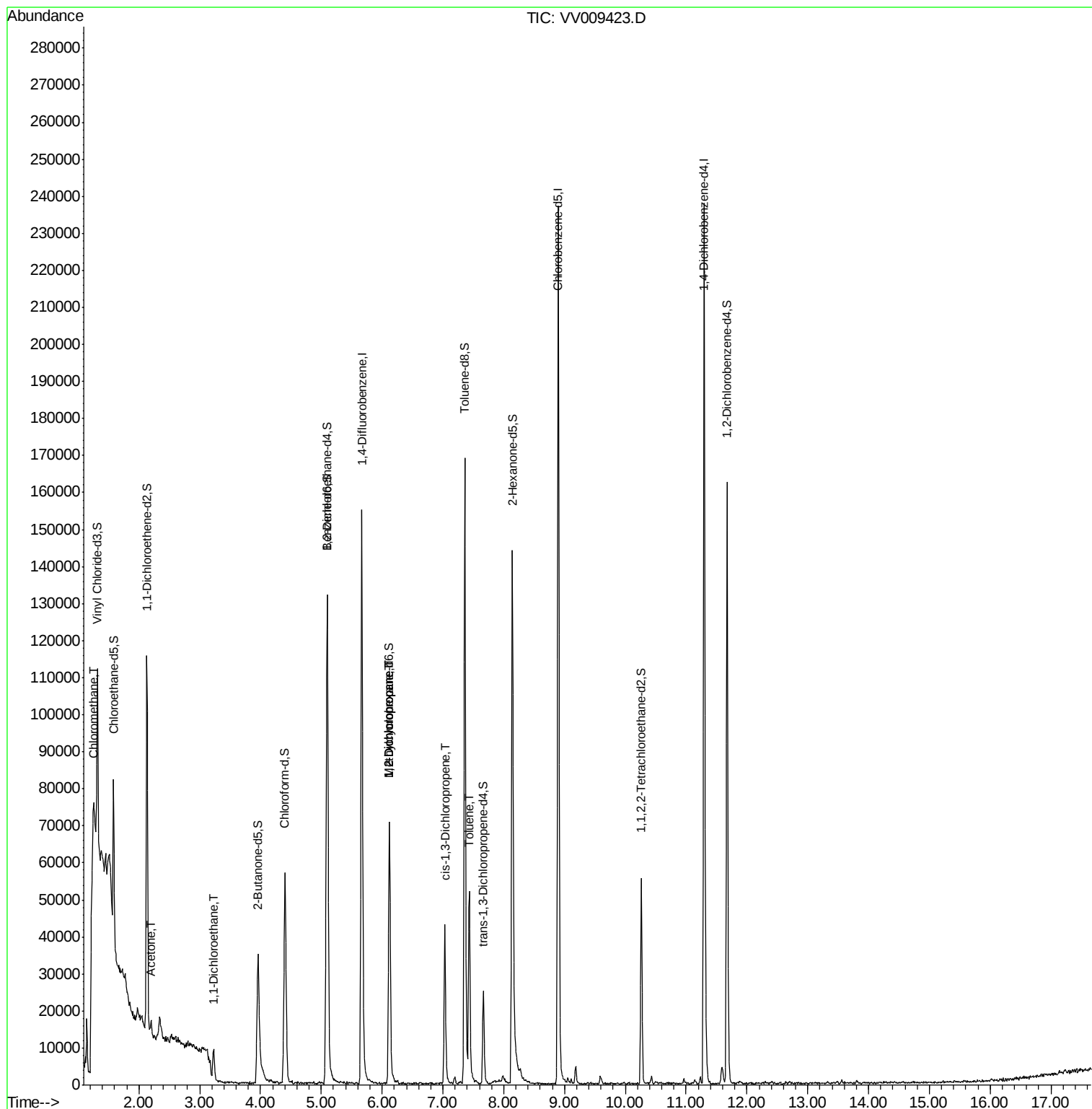
|                             |      |    |       |       | Qvalue |     |
|-----------------------------|------|----|-------|-------|--------|-----|
| 3) Chloromethane            | 1.25 | 50 | 4527  | 0.496 | ug/L # | 57  |
| 13) Acetone                 | 2.21 | 43 | 3582  | 2.711 | ug/L   | 87  |
| 19) 1,1-Dichloroethane      | 3.23 | 63 | 7668  | 0.568 | ug/L   | 100 |
| 35) Methylcyclohexane       | 6.12 | 83 | 8443  | 0.532 | ug/L # | 19  |
| 37) 1,2-Dichloropropane     | 6.12 | 63 | 3921  | 0.469 | ug/L # | 88  |
| 39) cis-1,3-Dichloropropene | 7.04 | 75 | 1436  | 0.109 | ug/L # | 75  |
| 42) Toluene                 | 7.43 | 91 | 38109 | 0.978 | ug/L   | 97  |

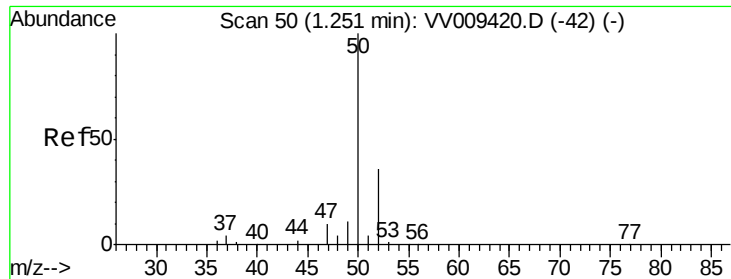
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.496 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV009423.D

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Instrument :

MSVOA\_V

ClientSampleId :

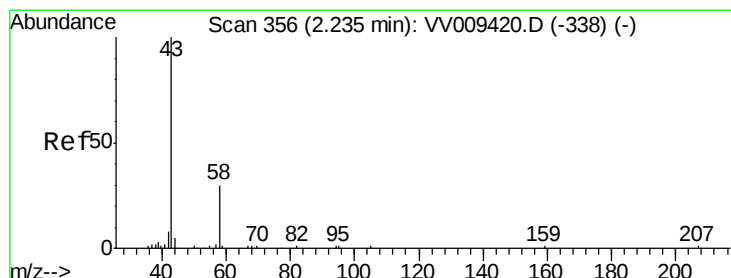
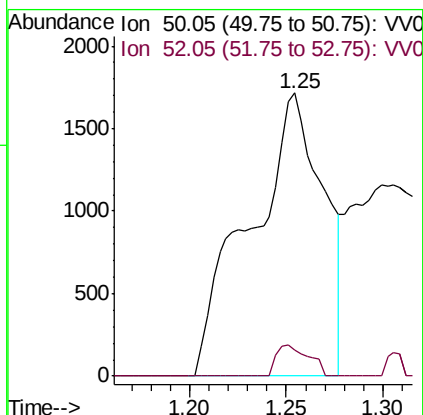
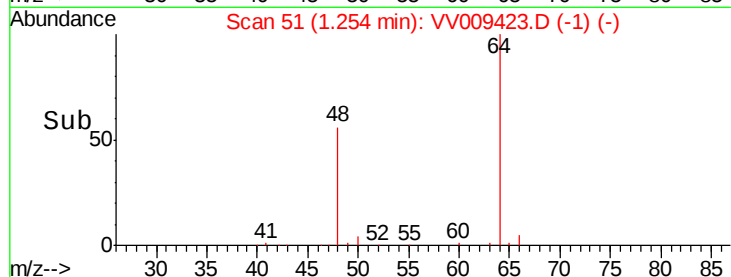
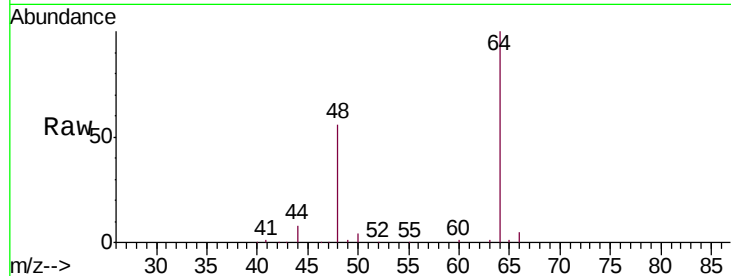
CWJW6

Tgt Ion: 50 Resp: 4527

Ion Ratio Lower Upper

50 100

52 9.2 23.5 43.7#



#13

Acetone

Concen: 2.711 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.03 min

Lab File: VV009423.D

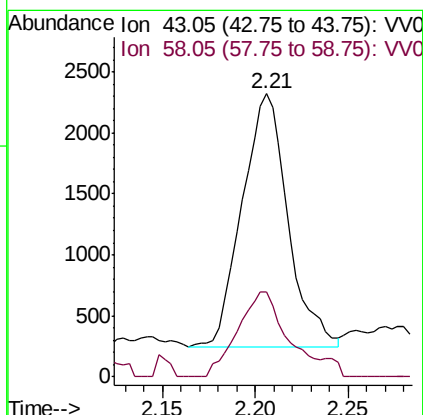
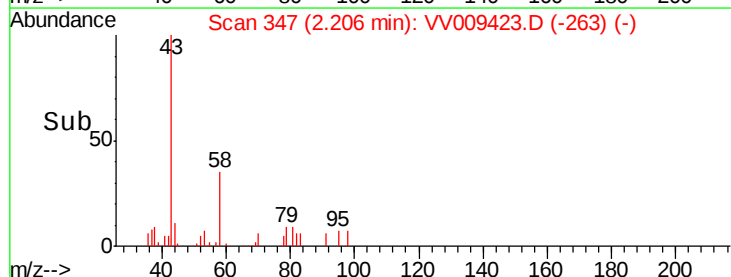
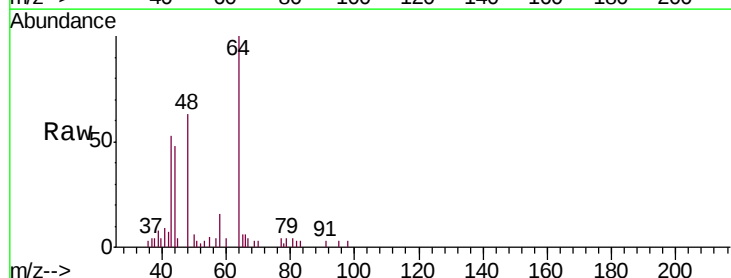
Acq: 28 Feb 2019 15:13

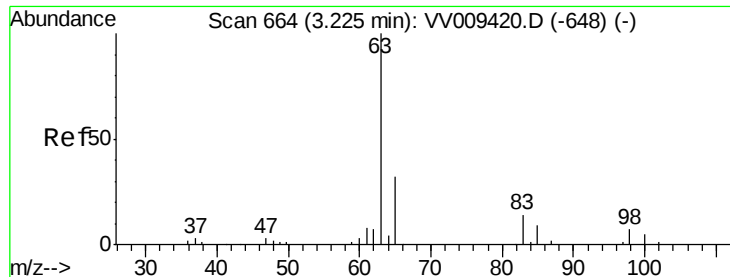
Tgt Ion: 43 Resp: 3582

Ion Ratio Lower Upper

43 100

58 38.3 0.0 62.0

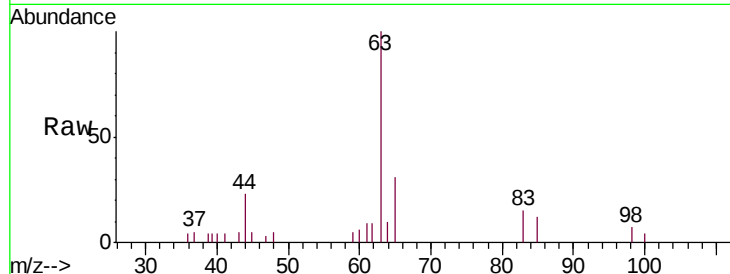




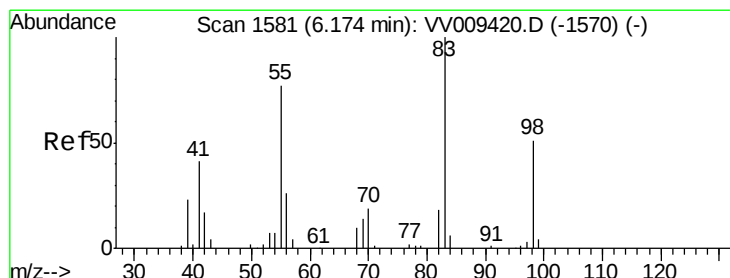
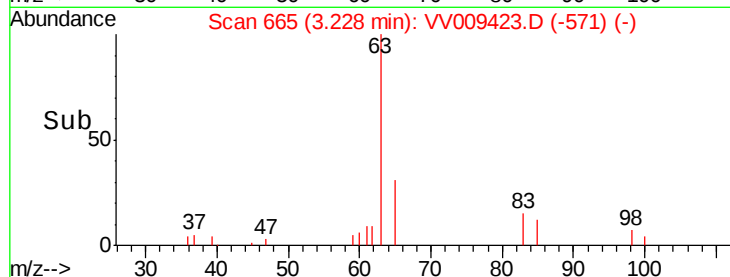
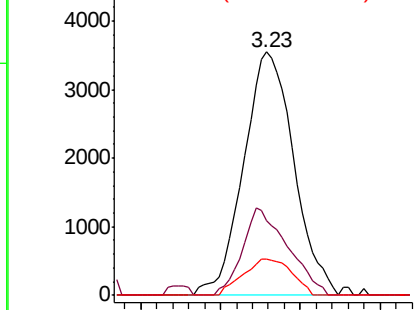
#19  
 1,1-Dichloroethane  
 Concen: 0.568 ug/L  
 RT: 3.23 min Scan# 665  
 Delta R.T. 0.00 min  
 Lab File: VV009423.D  
 Acq: 28 Feb 2019 15:13

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 CWJW6

Tgt Ion: 63 Resp: 7668  
 Ion Ratio Lower Upper  
 63 100  
 65 30.7 21.6 40.2  
 83 15.1 10.4 19.4

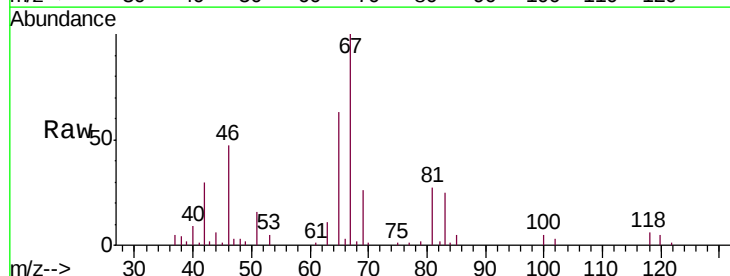


Abundance Ion 63.10 (62.80 to 63.80): VV0  
 Ion 65.10 (64.80 to 65.80): VV0  
 Ion 83.05 (82.75 to 83.75): VV0

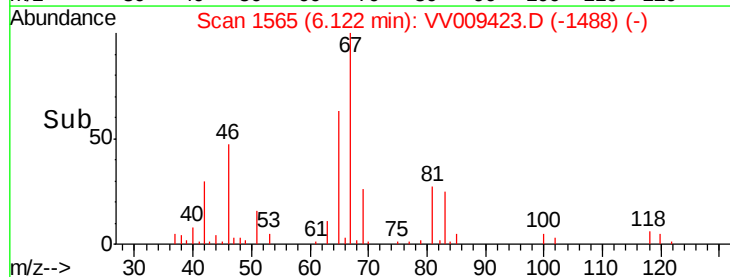
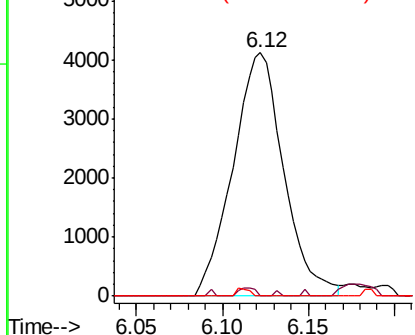


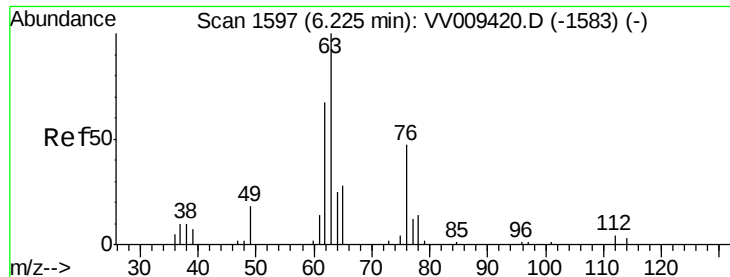
#35  
 Methylcyclohexane  
 Concen: 0.532 ug/L  
 RT: 6.12 min Scan# 1565  
 Delta R.T. -0.05 min  
 Lab File: VV009423.D  
 Acq: 28 Feb 2019 15:13

Tgt Ion: 83 Resp: 8443  
 Ion Ratio Lower Upper  
 83 100  
 55 1.1 59.8 89.8#  
 98 0.8 39.9 59.9#



Abundance Ion 83.15 (82.85 to 83.85): VV0  
 Ion 55.10 (54.80 to 55.80): VV0  
 Ion 98.15 (97.85 to 98.85): VV0

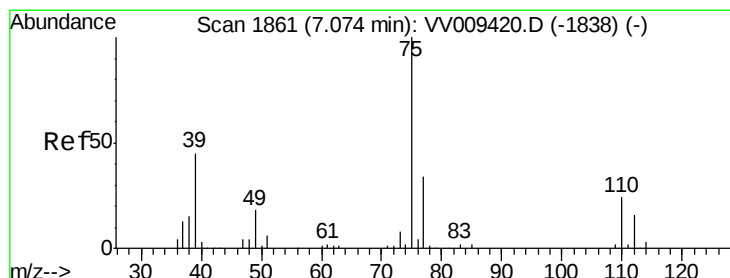
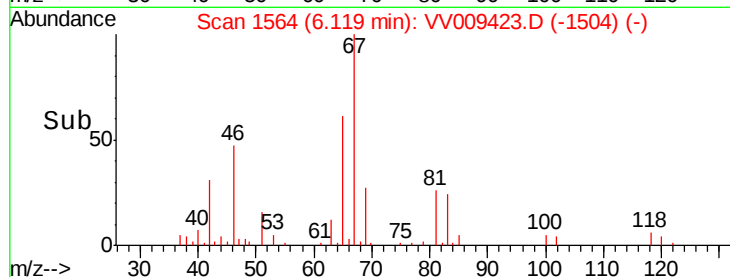
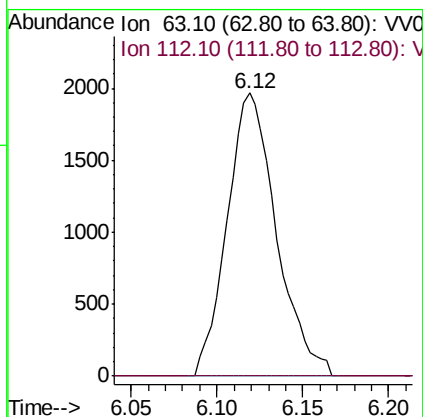
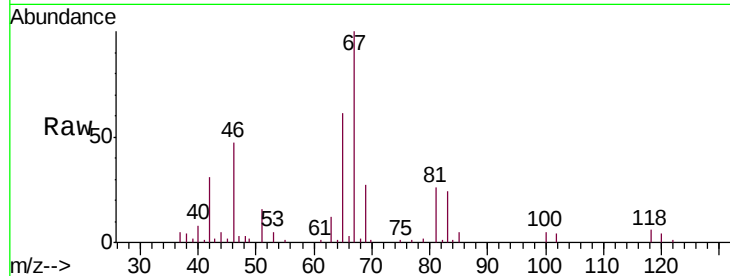




#37  
 1,2-Dichloropropane  
 Concen: 0.469 ug/L  
 RT: 6.12 min Scan# 1564  
 Delta R.T. -0.11 min  
 Lab File: VV009423.D  
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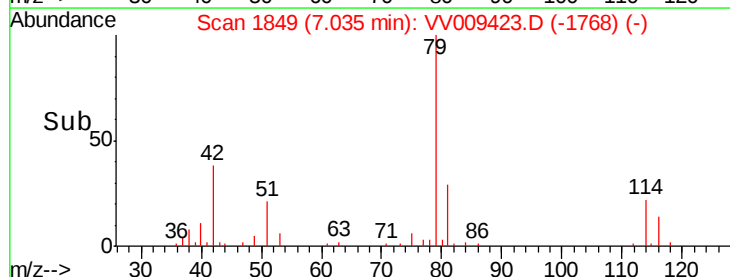
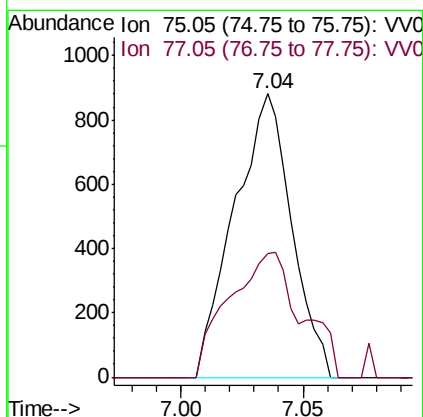
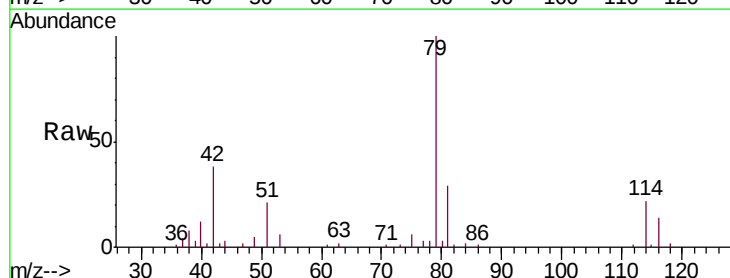
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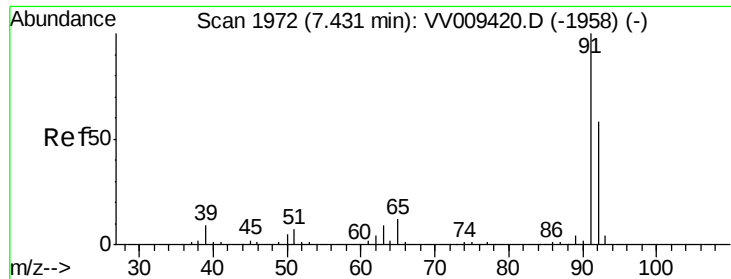
Tgt Ion: 63 Resp: 3921  
 Ion Ratio Lower Upper  
 63 100  
 112 0.0 3.1 4.7#



#39  
 cis-1,3-Dichloropropene  
 Concen: 0.109 ug/L  
 RT: 7.04 min Scan# 1849  
 Delta R.T. -0.04 min  
 Lab File: VV009423.D  
 Acq: 28 Feb 2019 15:13

Tgt Ion: 75 Resp: 1436  
 Ion Ratio Lower Upper  
 75 100  
 77 43.7 21.1 39.1#





#42

Toluene

Concen: 0.978 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV009423.D

Acq: 28 Feb 2019 15:13

Instrument :

MSVOA\_V

ClientSampleId :

CWJW6

Tgt Ion: 91 Resp: 38109

Ion Ratio Lower Upper

91 100

92 54.7 39.8 73.8

