

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR100118\  
 Data File : VR025914.D  
 Acq On : 1 Oct 2018 16:15  
 Operator : SY/MD  
 Sample : J5073-02  
 Misc : 25mL/MSVOA R/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 ET0T1

Quant Time: Oct 02 01:47:44 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR092718WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Oct 02 01:45:34 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.46  | 114  | 482614   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.29 | 117  | 396009   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.22 | 152  | 135515   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.15   | 65    | 191833   | 5.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 100.80% |
| 7) Chloroethane-d5             | 2.63   | 69    | 162448   | 5.22     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 104.40% |
| 11) 1,1-Dichloroethene-d2      | 3.63   | 63    | 316340   | 3.54     | ug/L | 0.01    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 70.80%  |
| 20) 2-Butanone-d5              | 6.59   | 46    | 254423   | 59.97    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 119.94% |
| 24) Chloroform-d               | 7.20   | 84    | 323318   | 4.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 97.60%  |
| 26) 1,2-Dichloroethane-d4      | 7.90   | 65    | 146728   | 5.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 103.00% |
| 32) Benzene-d6                 | 7.85   | 84    | 638052   | 4.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 96.80%  |
| 36) 1,2-Dichloropropane-d6     | 8.90   | 67    | 181838   | 5.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 102.40% |
| 41) Toluene-d8                 | 9.97   | 98    | 566394   | 4.57     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 91.40%  |
| 43) trans-1,3-Dichloropropene- | 10.24  | 79    | 39259    | 4.87     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 97.40%  |
| 46) 2-Hexanone-d5              | 10.59  | 63    | 185801   | 60.43    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 120.86% |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36  | 84    | 74499    | 5.17     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 103.40% |
| 64) 1,2-Dichlorobenzene-d4     | 13.51  | 152   | 114994   | 5.30     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 106.00% |

## Target Compounds

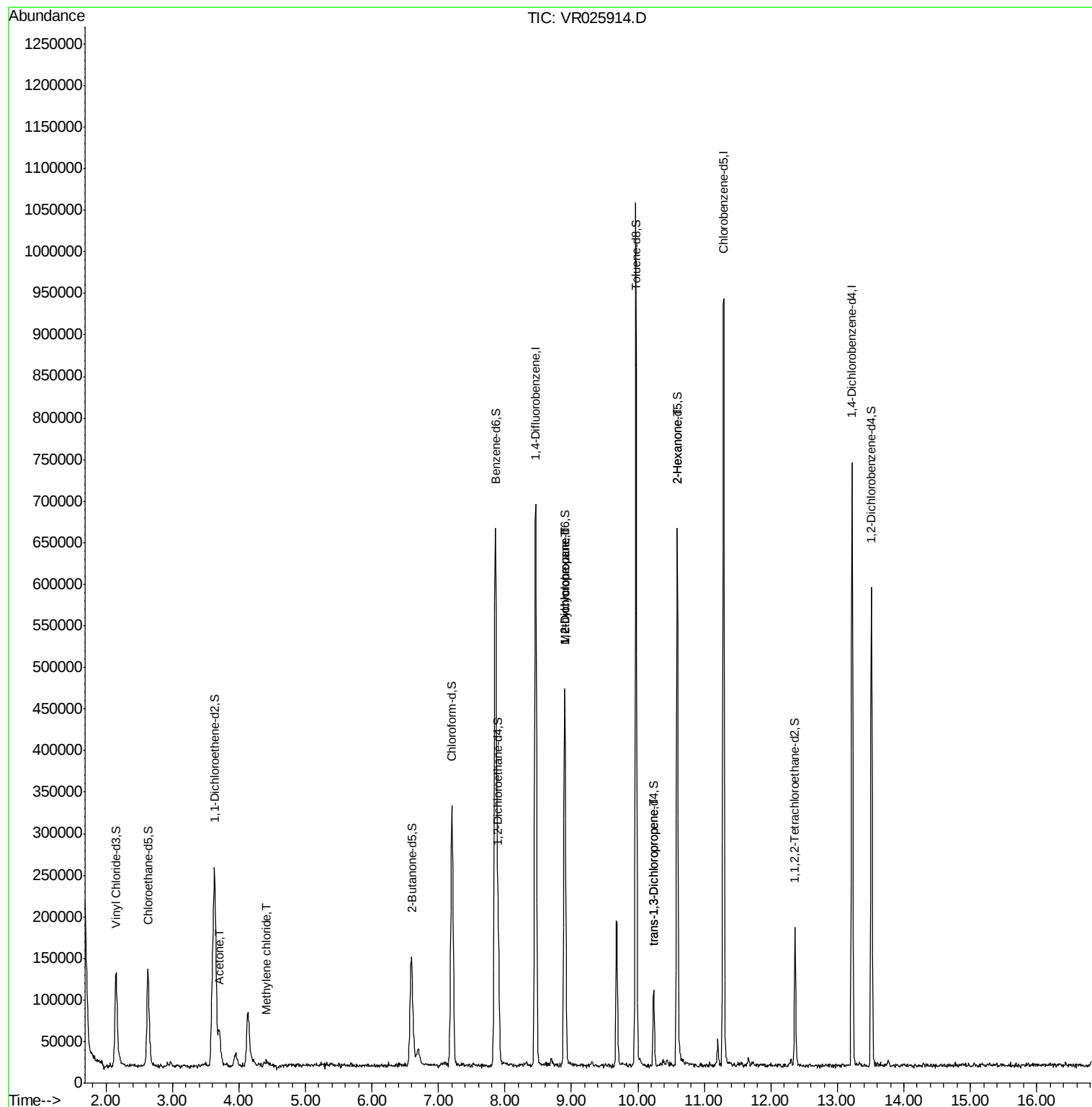
|                               |       |    |       |        | Ovalue    |
|-------------------------------|-------|----|-------|--------|-----------|
| 13) Acetone                   | 3.70  | 43 | 72338 | 23.523 | ug/L 93   |
| 16) Methylene chloride        | 4.40  | 84 | 3605  | 0.108  | ug/L 88   |
| 35) Methylcyclohexane         | 8.90  | 83 | 44042 | 0.837  | ug/L # 15 |
| 37) 1,2-Dichloropropane       | 8.90  | 63 | 23093 | 0.810  | ug/L # 92 |
| 44) trans-1,3-Dichloropropene | 10.24 | 75 | 2556  | 0.123  | ug/L 97   |
| 48) 2-Hexanone                | 10.59 | 43 | 28950 | 4.413  | ug/L # 70 |

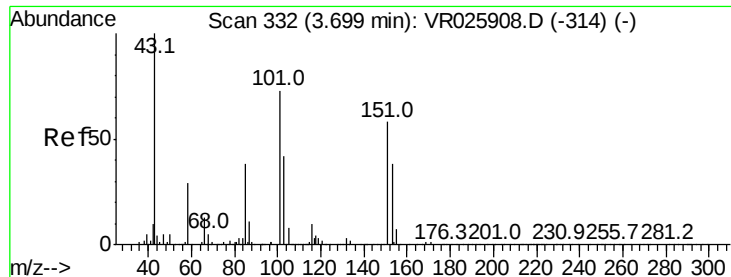
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 23.523 ug/L

RT: 3.70 min Scan# 332

Delta R.T. 0.00 min

Lab File: VR025914.D

Acq: 1 Oct 2018 16:15

Instrument :

MSVOA\_R

ClientSampled :

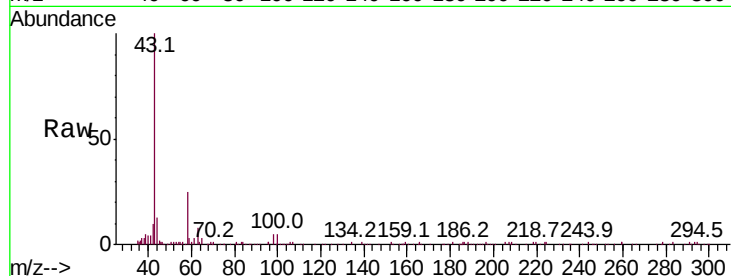
ET0T1

Tot Ion: 43 Resp: 72338

Ion Ratio Lower Upper

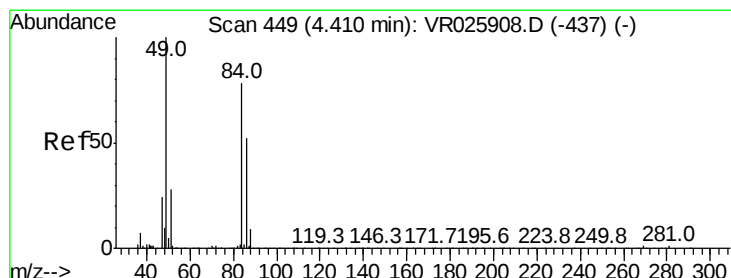
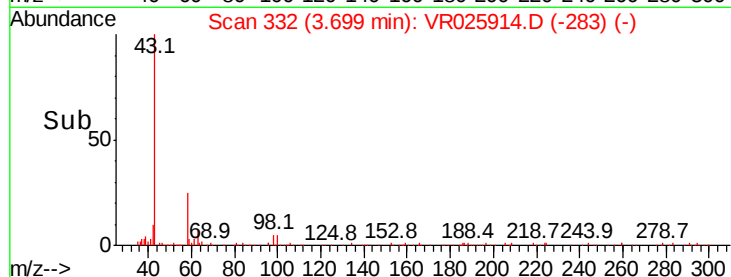
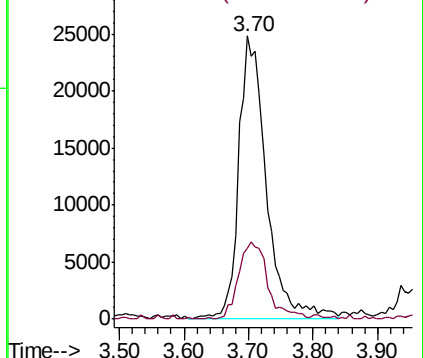
43 100

58 29.0 0.0 51.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#16

Methylene chloride

Concen: 0.108 ug/L

RT: 4.40 min Scan# 448

Delta R.T. -0.01 min

Lab File: VR025914.D

Acq: 1 Oct 2018 16:15

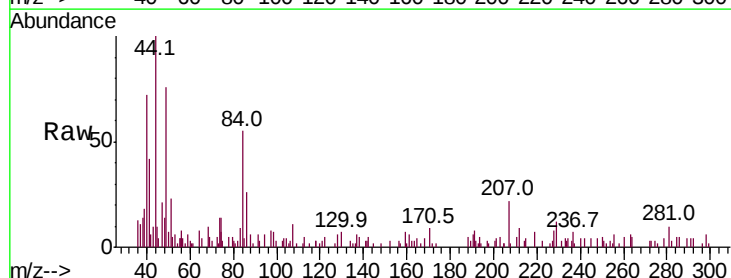
Tgt Ion: 84 Resp: 3605

Ion Ratio Lower Upper

84 100

86 44.0 43.1 80.1

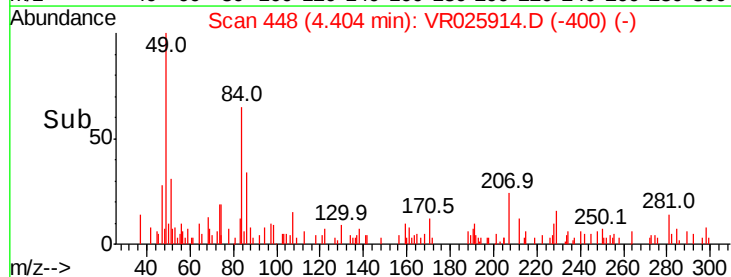
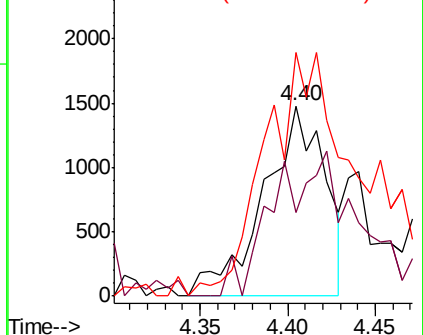
49 127.8 95.5 177.3

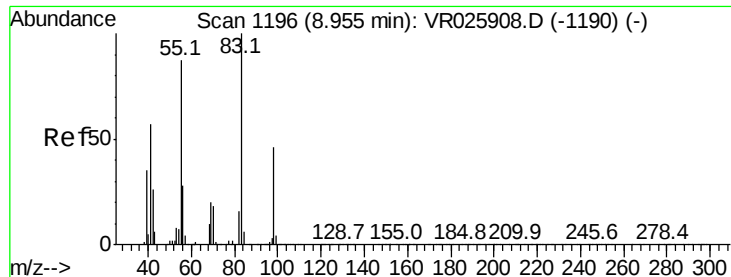


Abundance Ion 84.05 (83.75 to 84.75): VR0

Ion 86.00 (85.70 to 86.70): VR0

Ion 49.10 (48.80 to 49.80): VR0

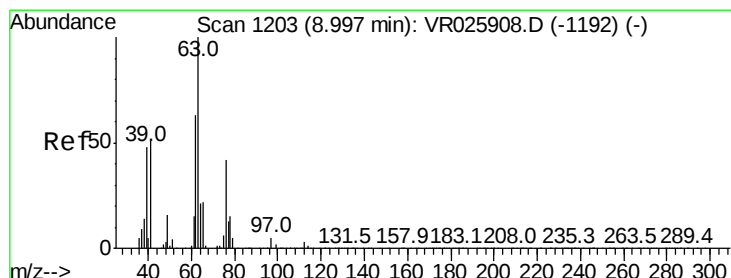
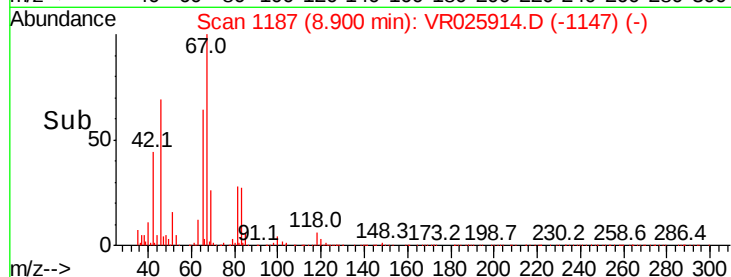
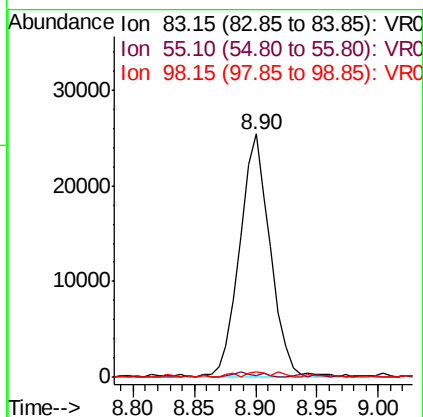
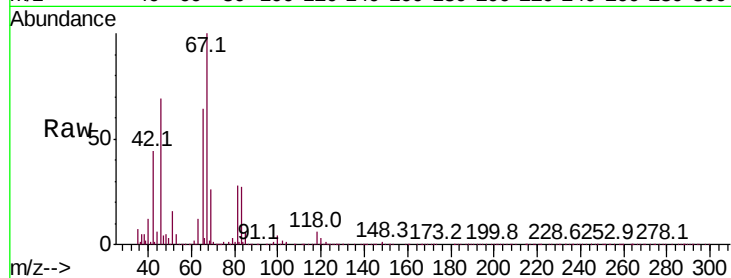




#35  
Methvlcvclohexane  
Concen: 0.837 ug/L  
RT: 8.90 min Scan# 1187  
Delta R.T. -0.05 min  
Lab File: VR025914.D  
Acq: 1 Oct 2018 16:15

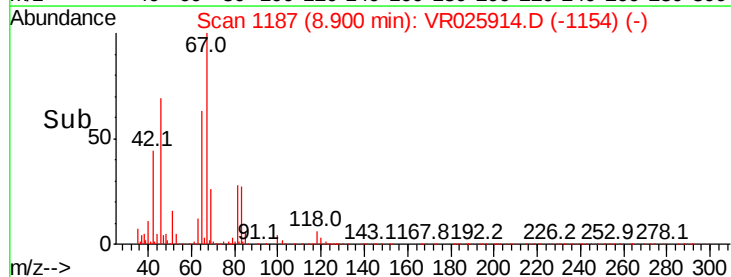
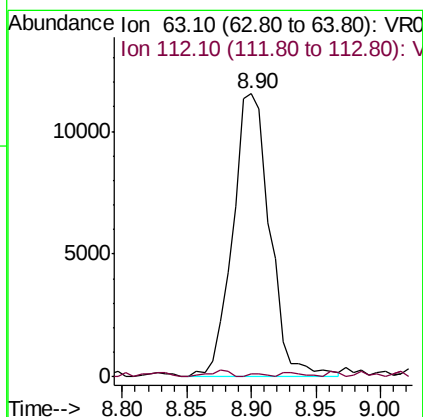
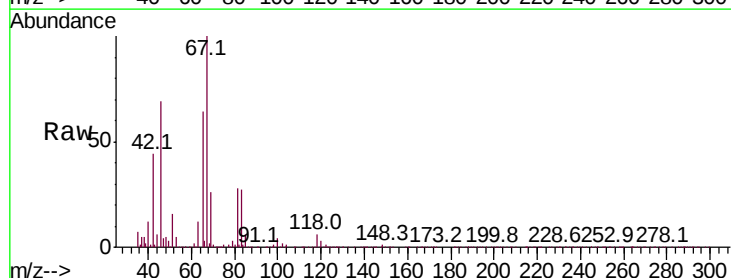
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ET0T1

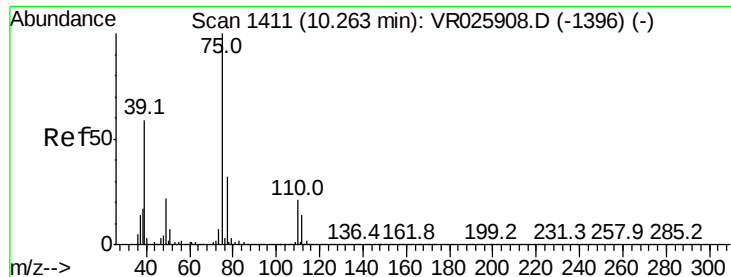
Tot Ion: 83 Resp: 44042  
Ion Ratio Lower Upper  
83 100  
55 0.5 71.8 107.6#  
98 2.1 34.2 51.4#



#37  
1,2-Dichloropropane  
Concen: 0.810 ug/L  
RT: 8.90 min Scan# 1187  
Delta R.T. -0.10 min  
Lab File: VR025914.D  
Acq: 1 Oct 2018 16:15

Tgt Ion: 63 Resp: 23093  
Ion Ratio Lower Upper  
63 100  
112 0.5 2.5 3.7#





#44

trans-1,3-Dichloropropene

Concen: 0.123 ug/L

RT: 10.24 min Scan# 1407

Delta R.T. -0.02 min

Lab File: VR025914.D

Acq: 1 Oct 2018 16:15

Instrument :

MSVOA\_R

ClientSampled :

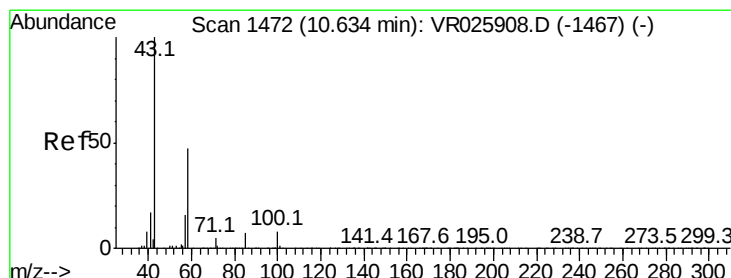
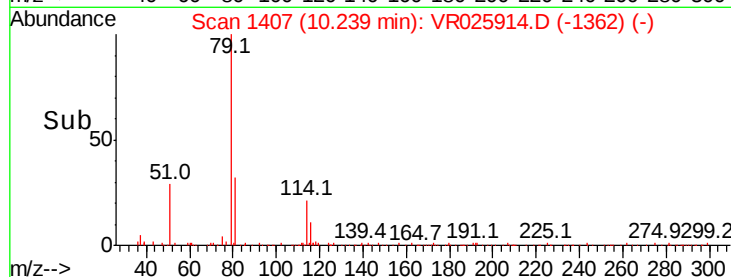
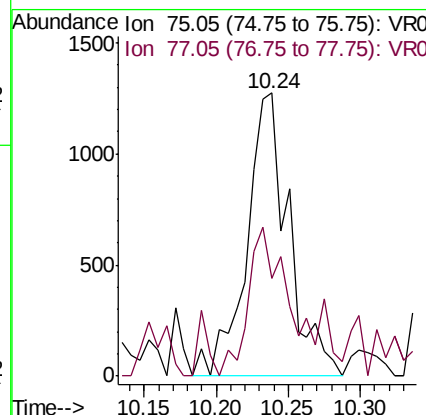
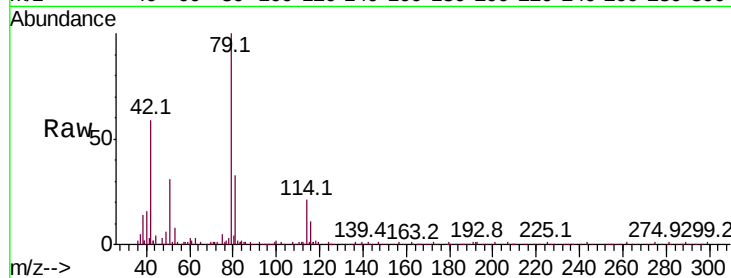
ET0T1

Tot Ion: 75 Resp: 2556

Ion Ratio Lower Upper

75 100

77 34.8 23.0 42.8



#48

2-Hexanone

Concen: 4.413 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR025914.D

Acq: 1 Oct 2018 16:15

Tgt Ion: 43 Resp: 28950

Ion Ratio Lower Upper

43 100

58 22.7 39.5 59.3#

57 23.2 14.6 21.8#

100 1.4 6.7 10.1#

