

Data File : VV008115.D  
Acq On : 05 Oct 2018 23:10  
Operator : SY/MD  
Sample : J5278-10  
Misc : 25.0 mL/MSVOA\_V/WATER  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BEYE7

Quant Time: Oct 06 02:16:11 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR100518WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Sat Oct 06 01:03:16 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 103892   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 100656   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 45452    | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 27996    | 4.39     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 87.80% |
| 7) Chloroethane-d5             | 1.59   | 69    | 24437    | 4.54     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 90.80% |
| 11) 1,1-Dichloroethene-d2      | 2.14   | 63    | 42521    | 3.41     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 68.20% |
| 20) 2-Butanone-d5              | 3.96   | 46    | 74170    | 48.34    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 96.68% |
| 24) Chloroform-d               | 4.41   | 84    | 59828    | 4.54     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 90.80% |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 30609    | 4.65     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 93.00% |
| 32) Benzene-d6                 | 5.10   | 84    | 115338   | 4.49     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 89.80% |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 35622    | 4.37     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 87.40% |
| 41) Toluene-d8                 | 7.36   | 98    | 104545   | 4.18     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 83.60% |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 11404    | 4.01     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 80.20% |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 51089    | 45.14    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 90.28% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 25482    | 4.45     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 89.00% |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 42278    | 4.90     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 98.00% |

#### Target Compounds

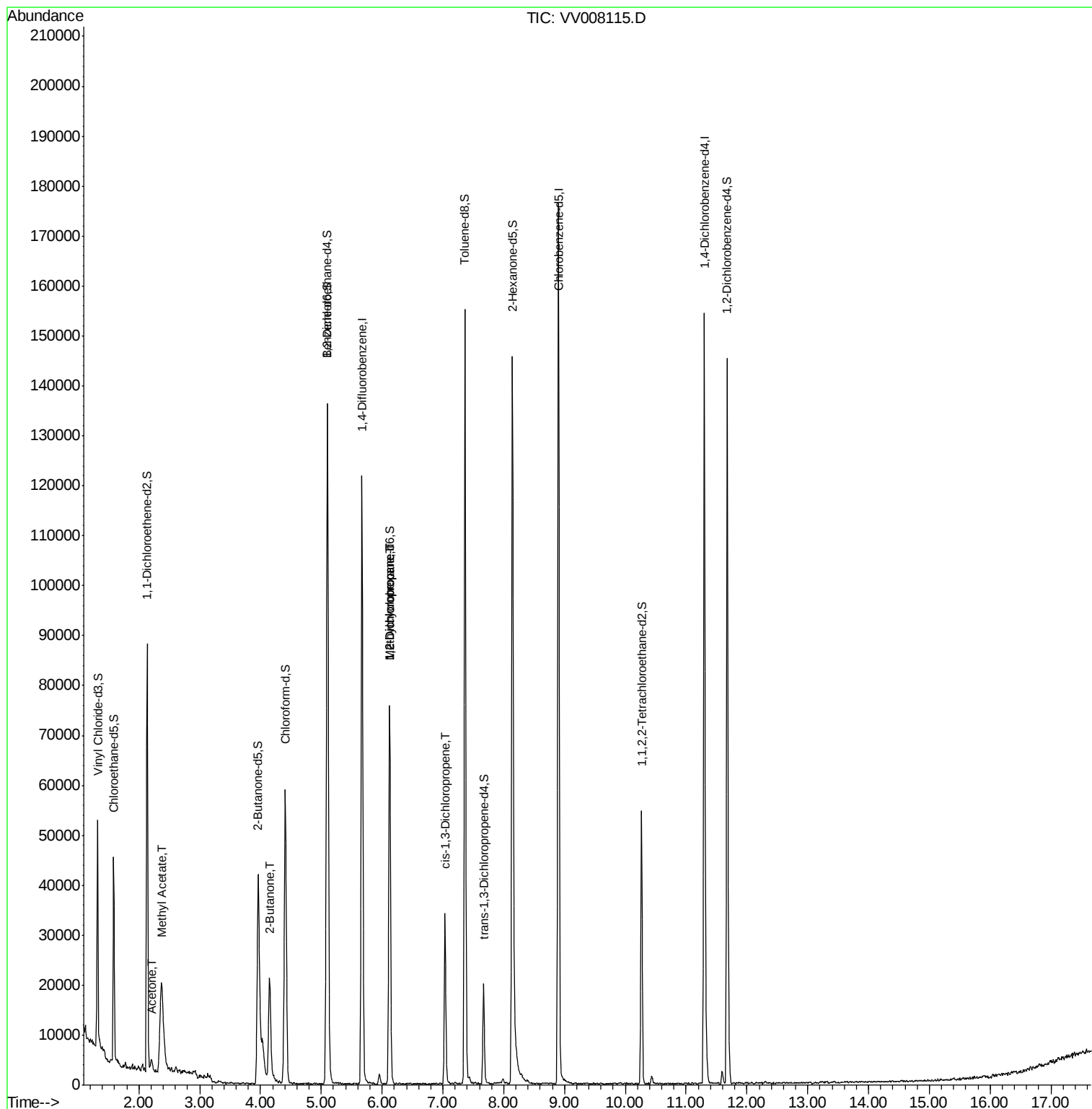
|                             |      |    |       |               | Qvalue |
|-----------------------------|------|----|-------|---------------|--------|
| 13) Acetone                 | 2.21 | 43 | 2626  | 2.526 ug/L    | 90     |
| 15) Methyl Acetate          | 2.37 | 43 | 10160 | 4.117 ug/L #  | 53     |
| 21) 2-Butanone              | 4.15 | 43 | 33253 | 19.829 ug/L # | 49     |
| 35) Methylcyclohexane       | 6.12 | 83 | 8826  | 0.852 ug/L #  | 17     |
| 37) 1,2-Dichloropropane     | 6.13 | 63 | 3989  | 0.582 ug/L #  | 87     |
| 39) cis-1,3-Dichloropropene | 7.04 | 75 | 1028  | 0.117 ug/L #  | 48     |

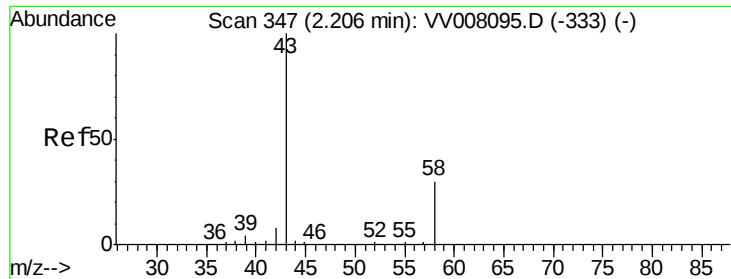
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 06 01:03:16 2018  
Response via : Initial Calibration





#13

Acetone

Concen: 2.526 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.00 min

Lab File: VV008115.D

Acq: 05 Oct 2018 23:10

Instrument :

MSVOA\_V

ClientSampleId :

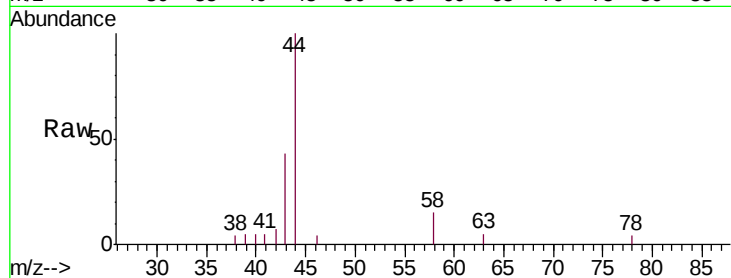
BEYE7

Tgt Ion: 43 Resp: 2626

Ion Ratio Lower Upper

43 100

58 25.3 0.0 62.2



Abundance Ion 43.05 (42.75 to 43.75): VV008115.D (-254) (-)

Ion 58.05 (57.75 to 58.75): VV008115.D (-254) (-)

2.21

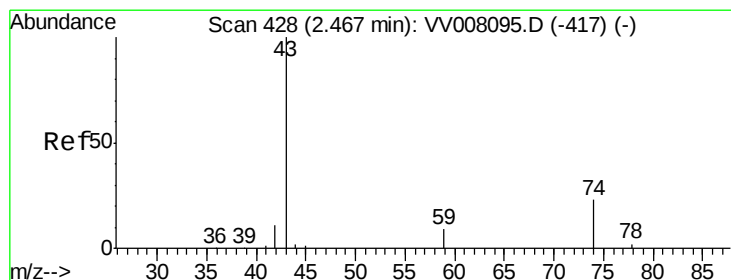
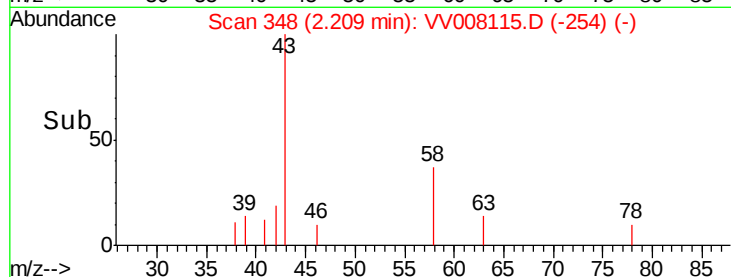
1000

500

0

Time-->

2.15 2.20 2.25



#15

Methyl Acetate

Concen: 4.117 ug/L

RT: 2.37 min Scan# 399

Delta R.T. -0.09 min

Lab File: VV008115.D

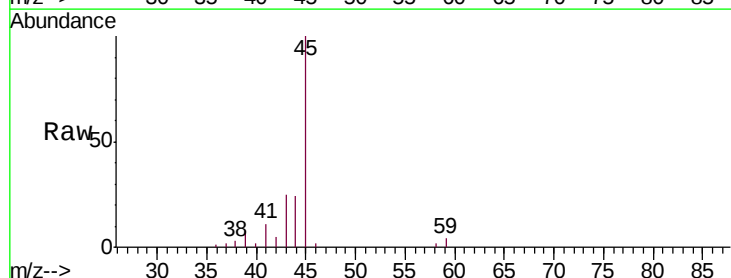
Acq: 05 Oct 2018 23:10

Tgt Ion: 43 Resp: 10160

Ion Ratio Lower Upper

43 100

74 0.0 18.1 27.1#



Abundance Ion 43.05 (42.75 to 43.75): VV008115.D (-335) (-)

Ion 74.05 (73.75 to 74.75): VV008115.D (-335) (-)

2.37

3000

2500

2000

1500

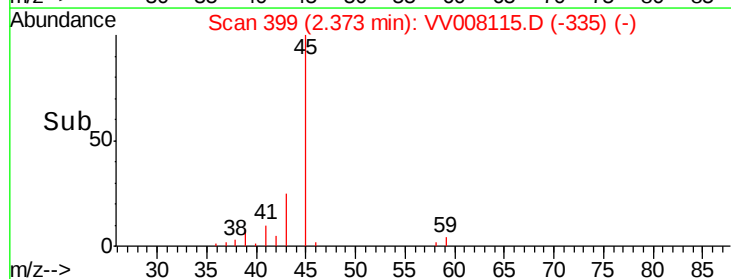
1000

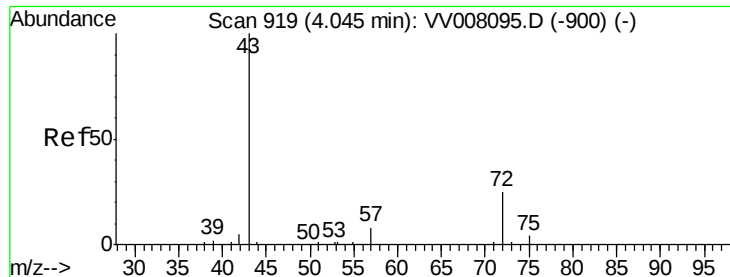
500

0

Time-->

2.30 2.40





#21

2-Butanone

Concen: 19.829 ug/L

RT: 4.15 min Scan# 951

Delta R.T. 0.10 min

Lab File: VV008115.D

Acq: 05 Oct 2018 23:10

Instrument :

MSVOA\_V

ClientSampleId :

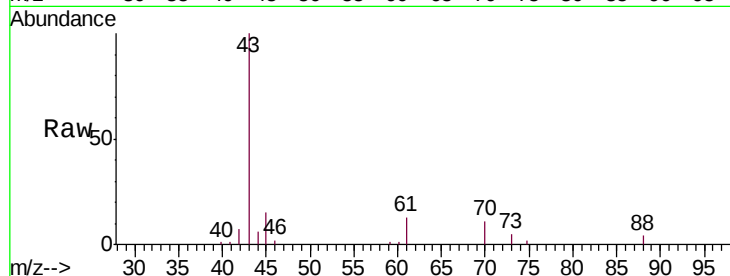
BEYE7

Tgt Ion: 43 Resp: 33253

Ion Ratio Lower Upper

43 100

72 0.0 12.9 38.6#



Abundance Ion 43.05 (42.75 to 43.75): VV008115.D (-951) (-)

Ion 72.10 (71.80 to 72.80): VV008115.D (-951) (-)

4.15

15000

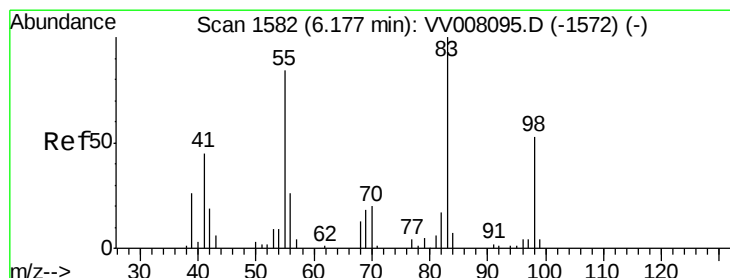
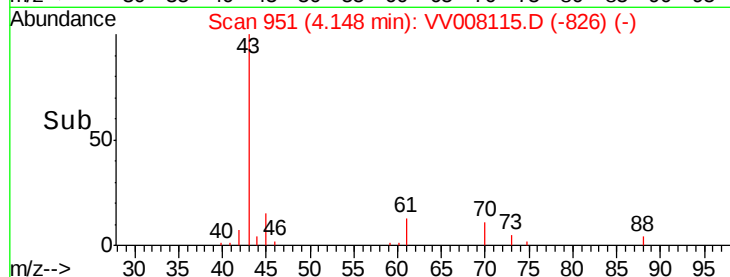
10000

5000

0

4.10 4.20 4.30

Time-->



#35

Methylcyclohexane

Concen: 0.852 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV008115.D

Acq: 05 Oct 2018 23:10

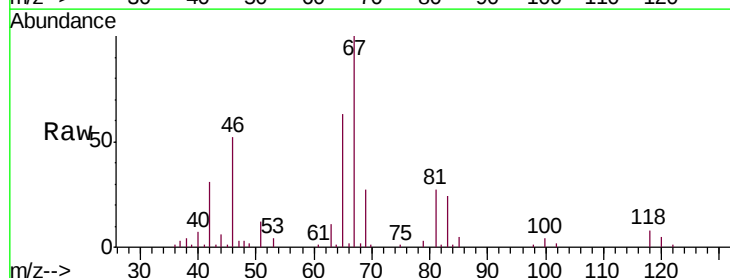
Tgt Ion: 83 Resp: 8826

Ion Ratio Lower Upper

83 100

55 0.0 63.6 95.4#

98 1.1 38.3 57.5#



Abundance Ion 83.15 (82.85 to 83.85): VV008115.D (-1565) (-)

Ion 55.10 (54.80 to 55.80): VV008115.D (-1565) (-)

Ion 98.15 (97.85 to 98.85): VV008115.D (-1565) (-)

6.12

6000

5000

4000

3000

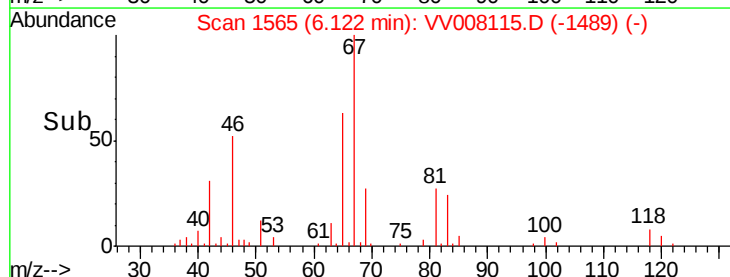
2000

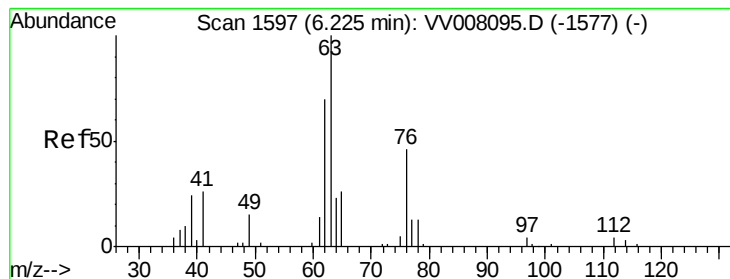
1000

0

6.05 6.10 6.15 6.20

Time-->





#37

1,2-Dichloropropane

Concen: 0.582 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV008115.D

Acq: 05 Oct 2018 23:10

Instrument :

MSVOA\_V

ClientSampleId :

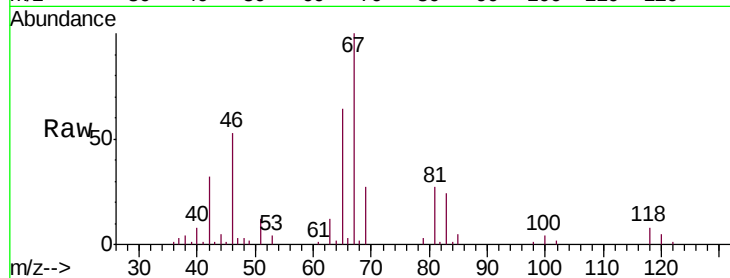
BEYE7

Tgt Ion: 63 Resp: 3989

Ion Ratio Lower Upper

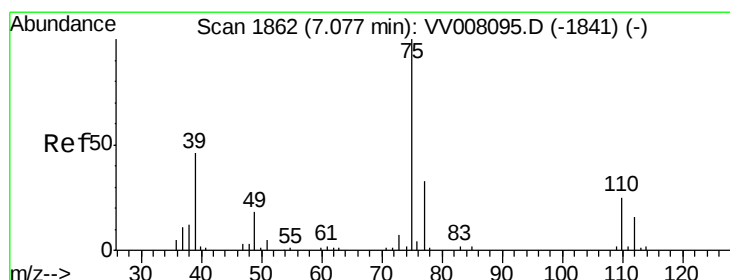
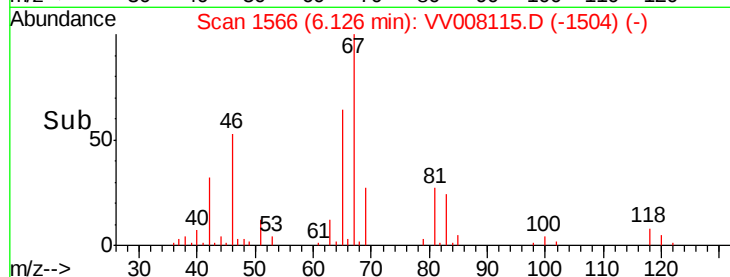
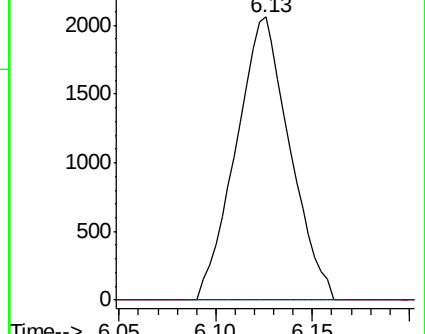
63 100

112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VV008115.D (-1566) (-)

Ion 112.10 (111.80 to 112.80): VV008115.D (-1566) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.117 ug/L

RT: 7.04 min Scan# 1850

Delta R.T. -0.04 min

Lab File: VV008115.D

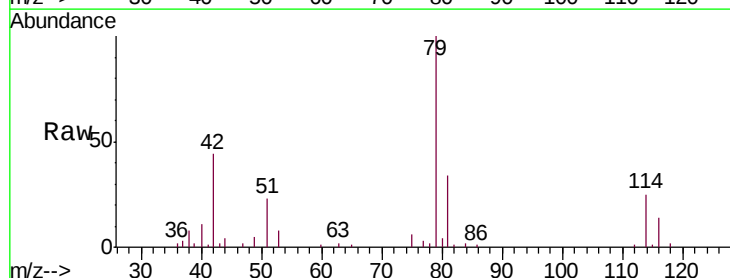
Acq: 05 Oct 2018 23:10

Tgt Ion: 75 Resp: 1028

Ion Ratio Lower Upper

75 100

77 60.2 22.1 41.1#



Abundance Ion 75.05 (74.75 to 75.75): VV008115.D (-1850) (-)

Ion 77.05 (76.75 to 77.75): VV008115.D (-1850) (-)

