

Data File : VU036564.D  
Acq On : 27 Jan 2020 12:20  
Operator : JC/MD  
Sample : VU0127WBL05  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VBLK605

Quant Time: Jan 28 01:20:38 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SFAMUTR012420WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Tue Jan 28 01:18:12 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.29  | 114  | 147235   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 137985   | 5.00 | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4 | 11.84 | 152  | 63827    | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 36631    | 4.52     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 90.40%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 35157    | 4.79     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 95.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 65    | 15757    | 4.72     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 94.40%  |
| 20) 2-Butanone-d5              | 4.69   | 46    | 79351    | 44.48    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 88.96%  |
| 24) Chloroform-d               | 5.11   | 84    | 72414    | 4.73     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 94.60%  |
| 26) 1,2-Dichloroethane-d4      | 5.75   | 65    | 38877    | 4.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 97.60%  |
| 32) Benzene-d6                 | 5.77   | 84    | 162192   | 4.94     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 98.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.73   | 67    | 51530    | 5.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 101.20% |
| 41) Toluene-d8                 | 7.93   | 98    | 154580   | 4.82     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 96.40%  |
| 43) trans-1,3-Dichloropropene- | 8.21   | 79    | 20435    | 5.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 101.20% |
| 46) 2-Hexanone-d5              | 8.67   | 63    | 97265    | 51.78    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 103.56% |
| 56) 1,1,2,2-Tetrachloroethane- | 10.78  | 84    | 42462    | 5.16     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 103.20% |
| 66) 1,2-Dichlorobenzene-d4     | 12.21  | 152   | 56472    | 5.09     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 101.80% |

#### Target Compounds

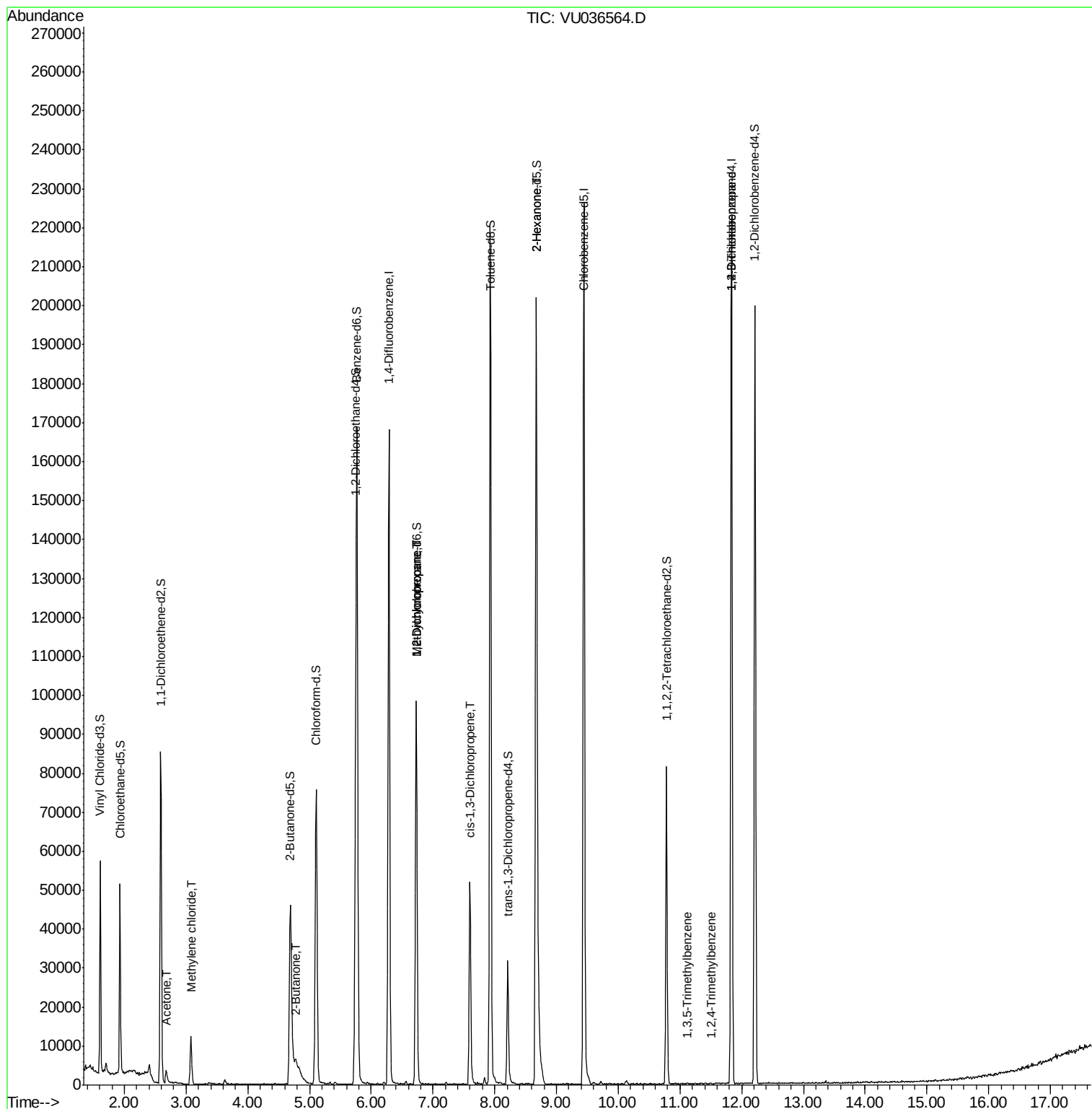
|                             |       |     |       |       | Qvalue    |
|-----------------------------|-------|-----|-------|-------|-----------|
| 13) Acetone                 | 2.68  | 43  | 5301  | 3.986 | ug/L 98   |
| 16) Methylene chloride      | 3.08  | 84  | 6383  | 0.533 | ug/L 97   |
| 21) 2-Butanone              | 4.77  | 43  | 2628  | 1.222 | ug/L # 59 |
| 35) Methylcyclohexane       | 6.73  | 83  | 11662 | 0.663 | ug/L # 21 |
| 37) 1,2-Dichloropropane     | 6.73  | 63  | 5148  | 0.534 | ug/L # 88 |
| 39) cis-1,3-Dichloropropene | 7.60  | 75  | 1097  | 0.074 | ug/L # 26 |
| 48) 2-Hexanone              | 8.67  | 43  | 9082  | 2.427 | ug/L # 68 |
| 61) 1,2,3-Trichloropropane  | 11.83 | 75  | 7223  | 1.216 | ug/L # 66 |
| 62) 1,3,5-Trimethylbenzene  | 11.11 | 105 | 21    | 0.001 | ug/L # 28 |
| 63) 1,2,4-Trimethylbenzene  | 11.49 | 105 | 213   | 0.006 | ug/L # 30 |

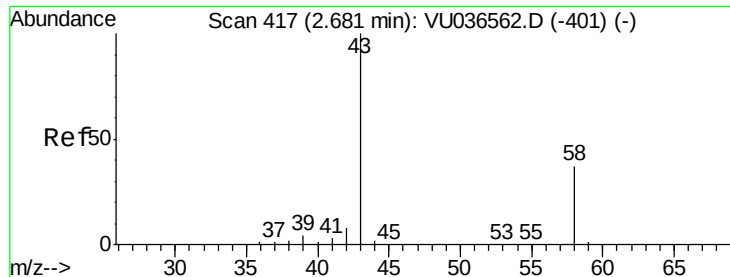
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.986 ug/L

RT: 2.68 min Scan# 416

Delta R.T. -0.00 min

Lab File: VU036564.D

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Instrument :

MSVOA\_U

ClientSampleId :

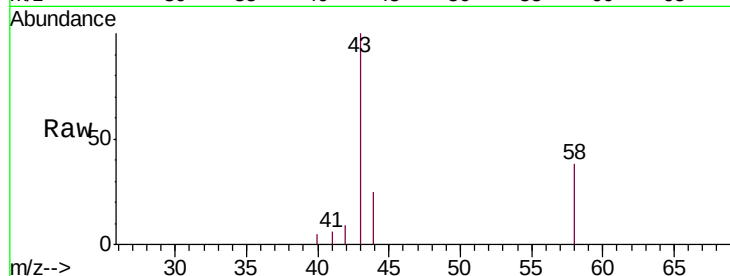
VBLK605

Tgt Ion: 43 Resp: 5301

Ion Ratio Lower Upper

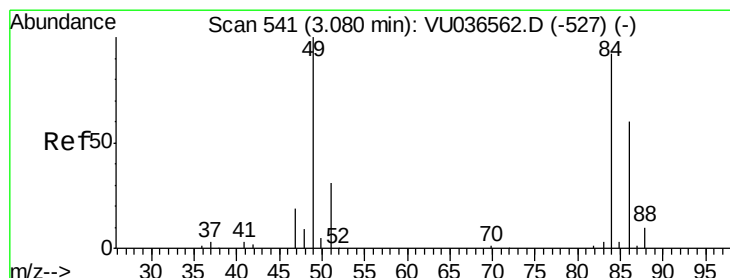
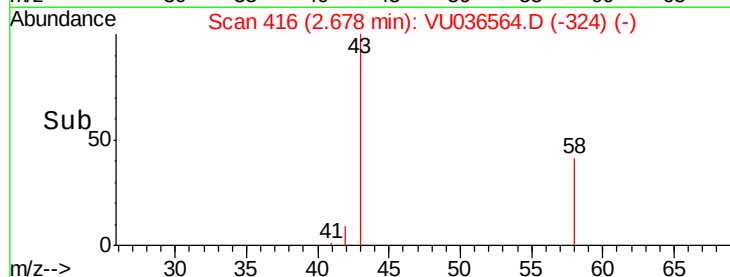
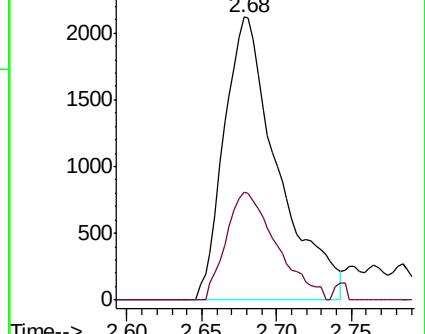
43 100

58 35.6 0.0 74.0



Abundance Ion 43.05 (42.75 to 43.75): VU036562.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU036562.D (-401) (-)



#16

Methylene chloride

Concen: 0.533 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU036564.D

Acq: 27 Jan 2020 12:20

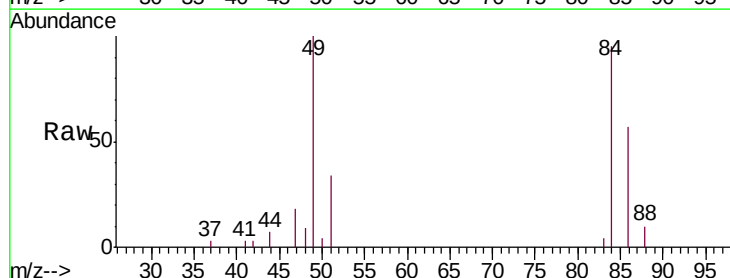
Tgt Ion: 84 Resp: 6383

Ion Ratio Lower Upper

84 100

86 60.1 44.8 83.2

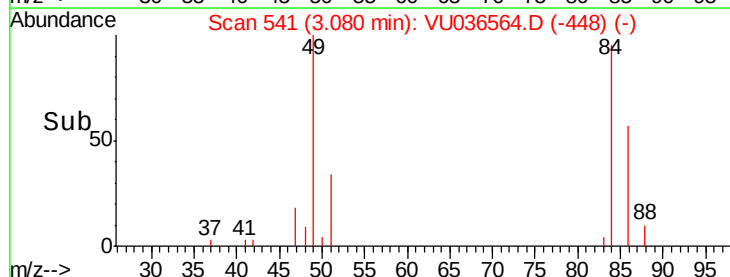
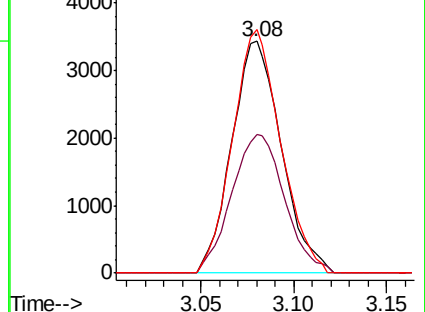
49 105.1 74.8 139.0

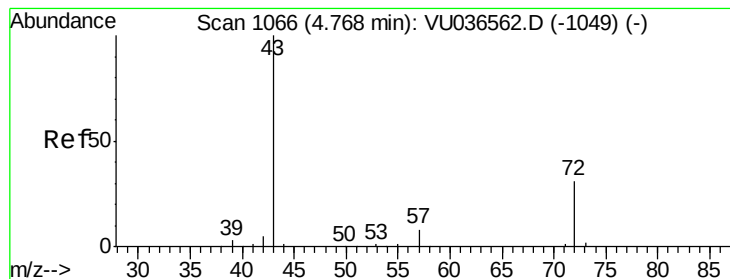


Abundance Ion 84.05 (83.75 to 84.75): VU036562.D (-527) (-)

Ion 86.00 (85.70 to 86.70): VU036562.D (-527) (-)

Ion 49.10 (48.80 to 49.80): VU036562.D (-527) (-)





#21

2-Butanone

Concen: 1.222 ug/L

RT: 4.77 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VU036564.D

Acq: 27 Jan 2020 12:20

Instrument :

MSVOA\_U

ClientSampled :

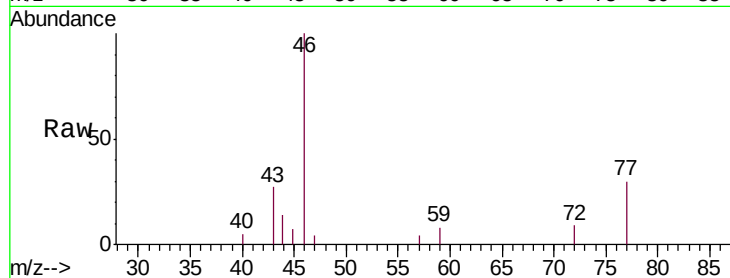
VBLK605

Tgt Ion: 43 Resp: 2628

Ion Ratio Lower Upper

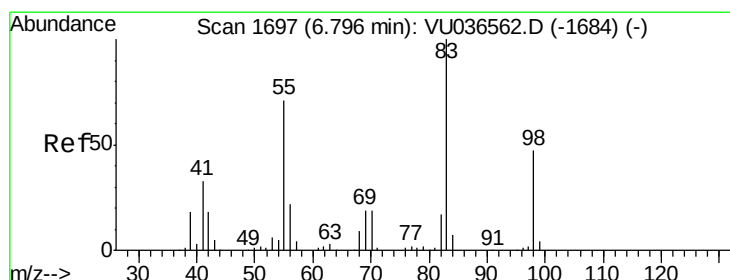
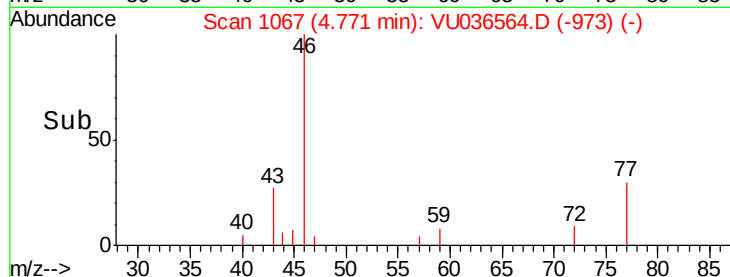
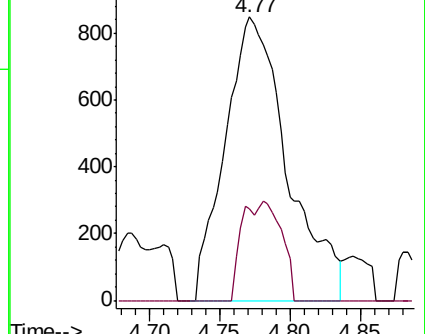
43 100

72 8.5 15.4 46.4#



Abundance Ion 43.05 (42.75 to 43.75): VU036562.D (-1049) (-)

Ion 72.10 (71.80 to 72.80): VU036562.D (-1049) (-)



#35

Methylcyclohexane

Concen: 0.663 ug/L

RT: 6.73 min Scan# 1676

Delta R.T. -0.07 min

Lab File: VU036564.D

Acq: 27 Jan 2020 12:20

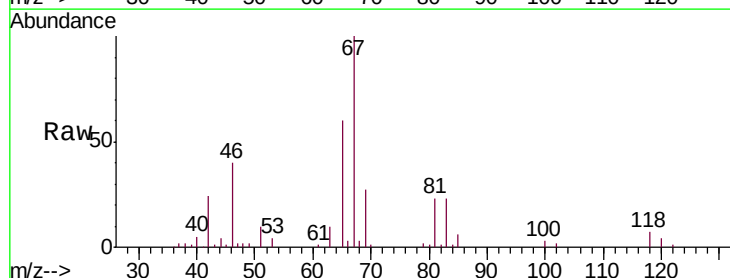
Tgt Ion: 83 Resp: 11662

Ion Ratio Lower Upper

83 100

55 0.0 56.9 85.3#

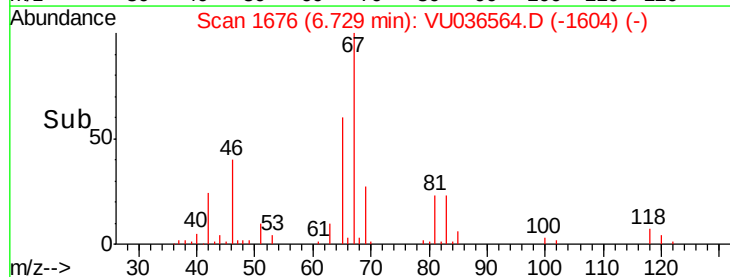
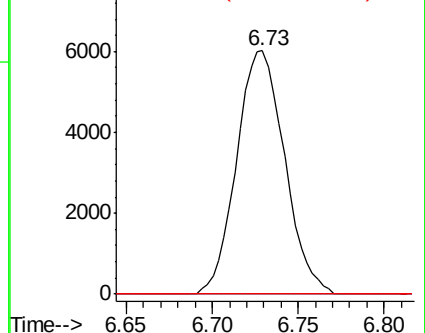
98 0.6 36.9 55.3#

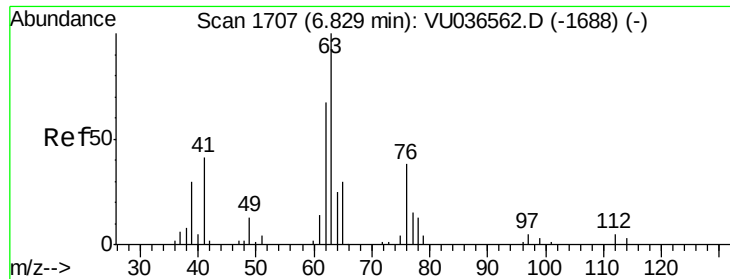


Abundance Ion 83.15 (82.85 to 83.85): VU036562.D (-1684) (-)

Ion 55.10 (54.80 to 55.80): VU036562.D (-1684) (-)

Ion 98.15 (97.85 to 98.85): VU036562.D (-1684) (-)

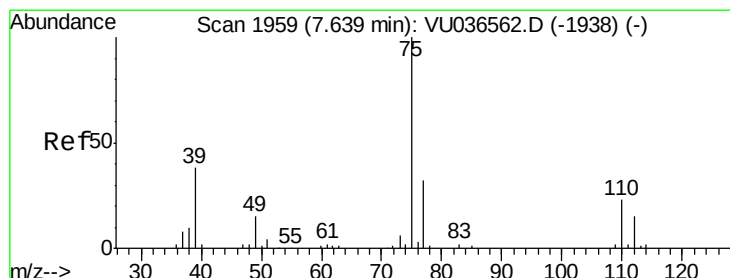
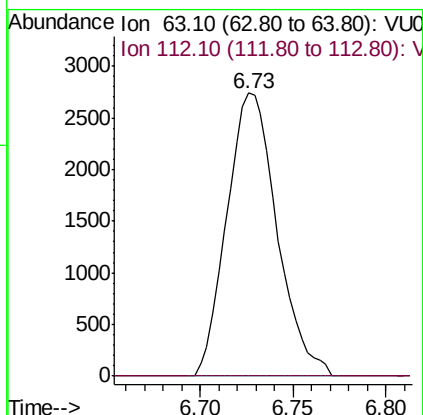
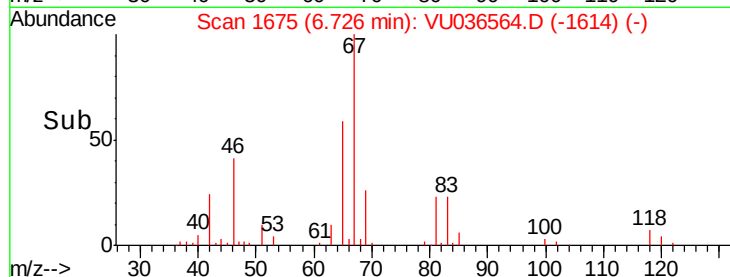
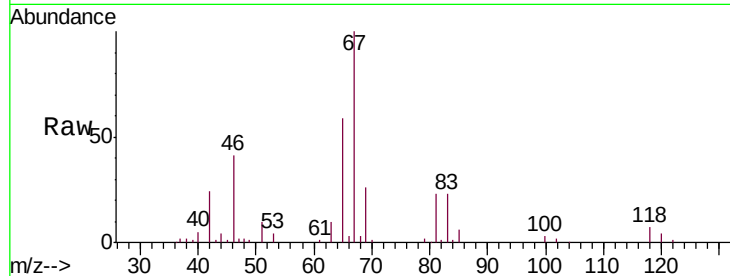




#37  
 1,2-Dichloropropane  
 Concen: 0.534 ug/L  
 RT: 6.73 min Scan# 1675  
 Delta R.T. -0.10 min  
 Lab File: VU036564.D  
 Acq: 27 Jan 2020 12:20

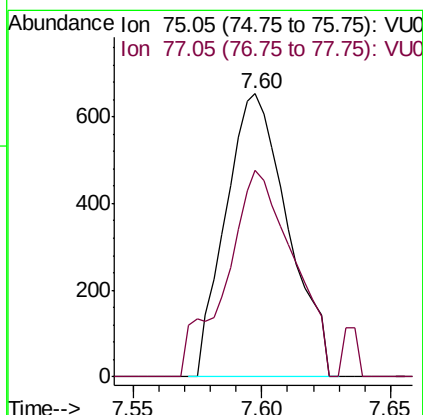
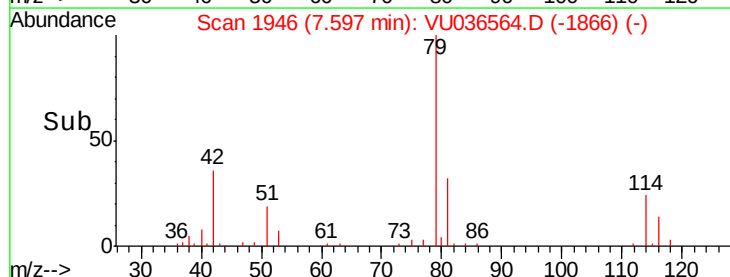
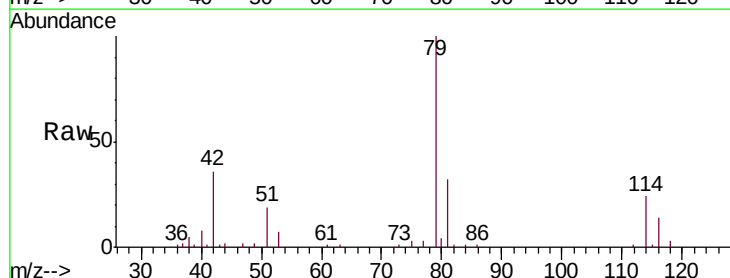
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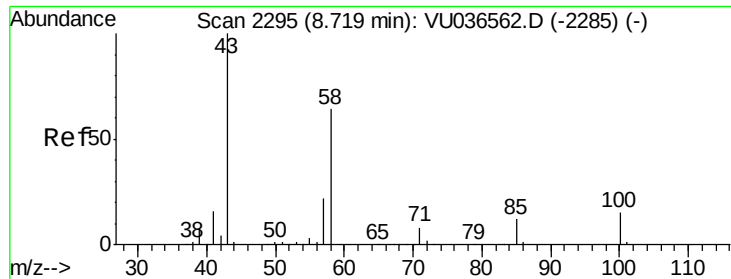
Tgt Ion: 63 Resp: 5148  
 Ion Ratio Lower Upper  
 63 100  
 112 0.0 3.3 4.9#



#39  
 cis-1,3-Dichloropropene  
 Concen: 0.074 ug/L  
 RT: 7.60 min Scan# 1946  
 Delta R.T. -0.04 min  
 Lab File: VU036564.D  
 Acq: 27 Jan 2020 12:20

Tgt Ion: 75 Resp: 1097  
 Ion Ratio Lower Upper  
 75 100  
 77 72.9 22.3 41.5#

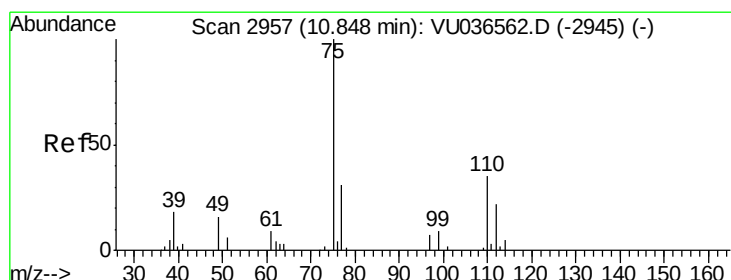
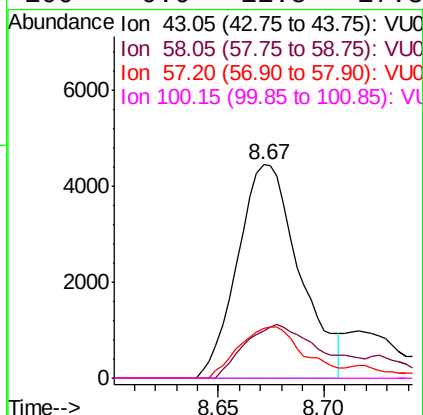
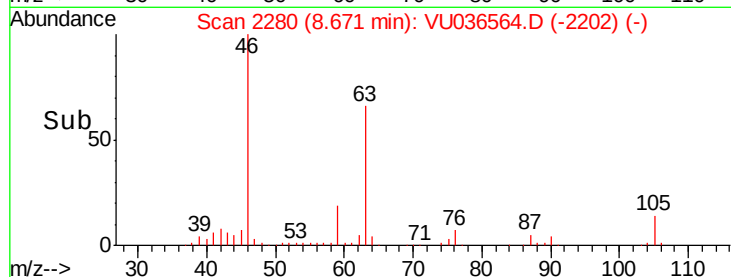
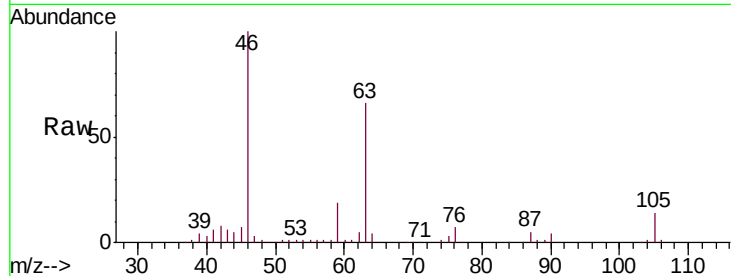




#48  
2-Hexanone  
Concen: 2.427 ug/L  
RT: 8.67 min Scan# 2280  
Delta R.T. -0.05 min  
Lab File: VU036564.D  
Acq: 27 Jan 2020 12:20

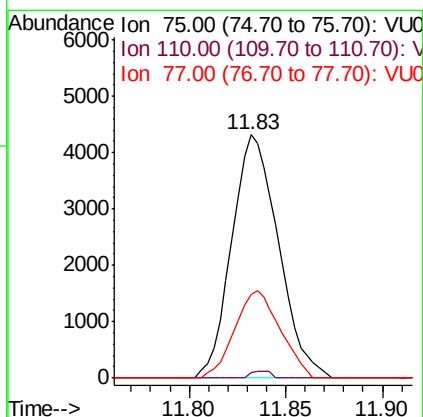
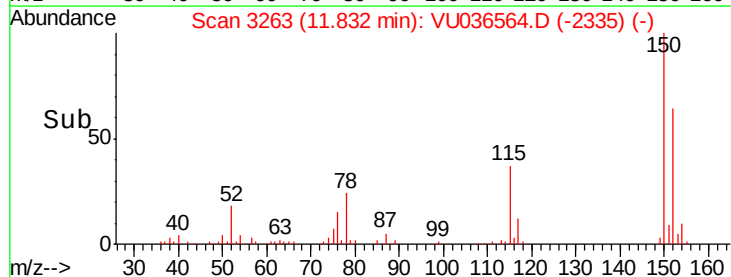
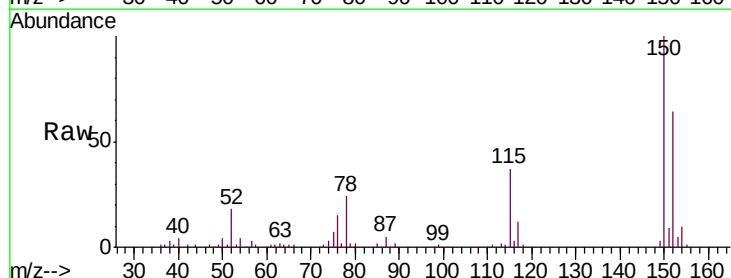
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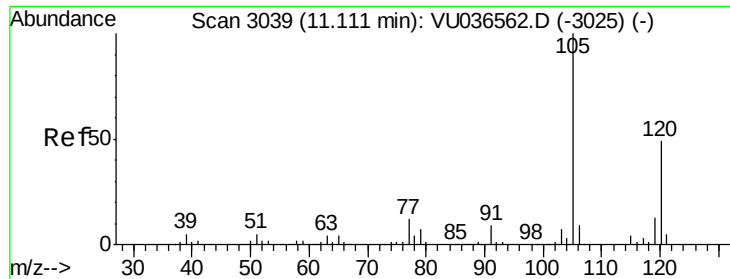
Tgt Ion: 43 Resp: 9082  
Ion Ratio Lower Upper  
43 100  
58 31.9 50.2 75.2#  
57 25.0 17.5 26.3  
100 0.0 11.5 17.3#



#61  
1,2,3-Trichloropropane  
Concen: 1.216 ug/L  
RT: 11.83 min Scan# 3263  
Delta R.T. 0.98 min  
Lab File: VU036564.D  
Acq: 27 Jan 2020 12:20

Tgt Ion: 75 Resp: 7223  
Ion Ratio Lower Upper  
75 100  
110 1.2 29.0 43.4#  
77 35.1 25.8 38.6

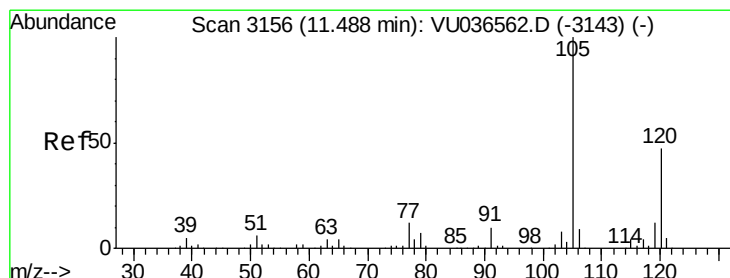
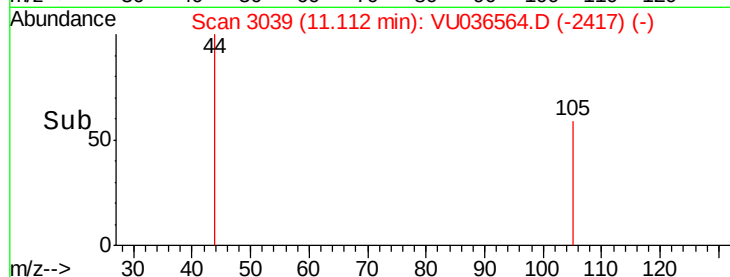
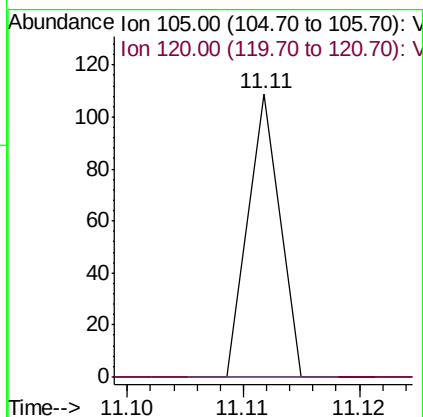
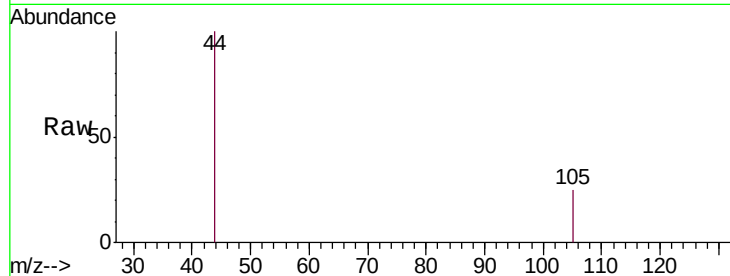




#62  
 1,3,5-Trimethylbenzene  
 Concen: 0.001 ug/L  
 RT: 11.11 min Scan# 3039  
 Delta R.T. 0.00 min  
 Lab File: VU036564.D  
 Acq: 27 Jan 2020 12:20

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 ClientSampleId :  
 VBLK605

Tgt Ion:105 Resp: 21  
 Ion Ratio Lower Upper  
 105 100  
 120 0.0 39.7 59.5#



#63  
 1,2,4-Trimethylbenzene  
 Concen: 0.006 ug/L  
 RT: 11.49 min Scan# 3158  
 Delta R.T. 0.01 min  
 Lab File: VU036564.D  
 Acq: 27 Jan 2020 12:20

Tgt Ion:105 Resp: 213  
 Ion Ratio Lower Upper  
 105 100  
 120 0.0 36.9 55.3#

