

Data File : VU036233.D  
Acq On : 16 Dec 2019 14:53  
Operator : JC/MD  
Sample : K6273-20DL 5X  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VHBLK01

Quant Time: Dec 17 01:23:57 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR121319WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Tue Dec 17 01:19:57 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.29  | 114  | 232509   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.45  | 117  | 261846   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.84 | 152  | 95329    | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 89669    | 4.38     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 87.60%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 85168    | 4.64     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 92.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 91995    | 3.11     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 62.20%  |
| 20) 2-Butanone-d5              | 4.69   | 46    | 198186   | 51.67    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 103.34% |
| 24) Chloroform-d               | 5.11   | 84    | 158863   | 4.82     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 96.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.75   | 65    | 86324    | 4.99     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 99.80%  |
| 32) Benzene-d6                 | 5.77   | 84    | 283904   | 4.31     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 86.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.73   | 67    | 93274    | 4.50     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 90.00%  |
| 41) Toluene-d8                 | 7.93   | 98    | 231324   | 3.74     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 74.80%  |
| 43) trans-1,3-Dichloropropene- | 8.21   | 79    | 34911    | 4.09     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 81.80%  |
| 46) 2-Hexanone-d5              | 8.68   | 63    | 147374   | 45.17    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 90.34%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.78  | 84    | 90998    | 4.80     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 96.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.22  | 152   | 89123    | 4.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 97.60%  |

#### Target Compounds

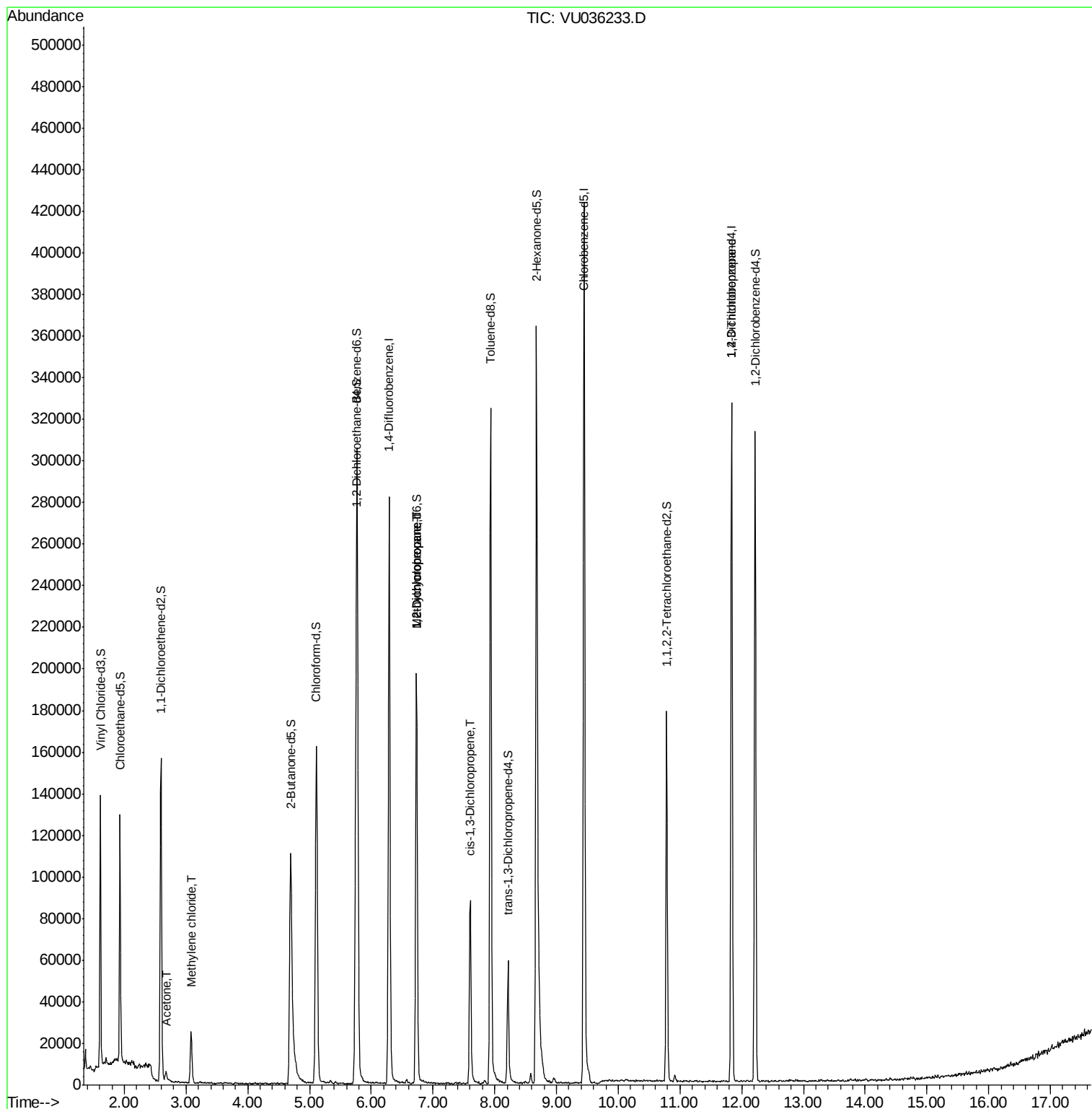
|                             |       |    |       |              | Qvalue |
|-----------------------------|-------|----|-------|--------------|--------|
| 13) Acetone                 | 2.68  | 43 | 5486  | 1.641 ug/L   | 98     |
| 16) Methylene chloride      | 3.08  | 84 | 13034 | 0.514 ug/L   | 98     |
| 35) Methylcyclohexane       | 6.73  | 83 | 23382 | 0.793 ug/L # | 18     |
| 37) 1,2-Dichloropropane     | 6.74  | 63 | 9766  | 0.476 ug/L # | 87     |
| 39) cis-1,3-Dichloropropene | 7.60  | 75 | 2325  | 0.083 ug/L # | 46     |
| 59) 1,2,3-Trichloropropane  | 11.84 | 75 | 10282 | 0.754 ug/L   | 97     |

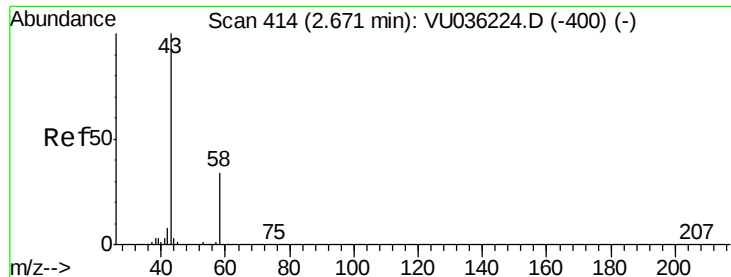
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.641 ug/L

RT: 2.68 min Scan# 416

Delta R.T. 0.01 min

Lab File: VU036233.D

Acq: 16 Dec 2019 14:53

Instrument :

MSVOA\_U

ClientSampleId :

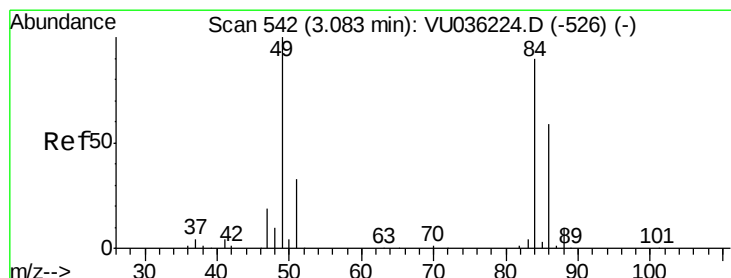
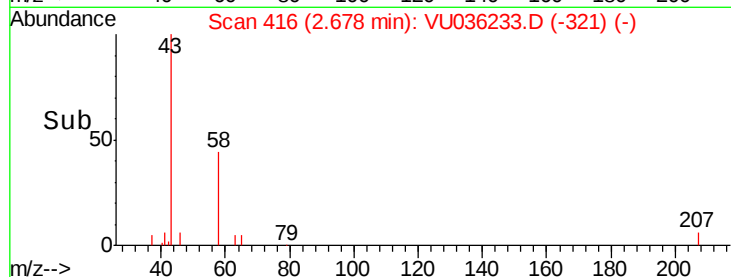
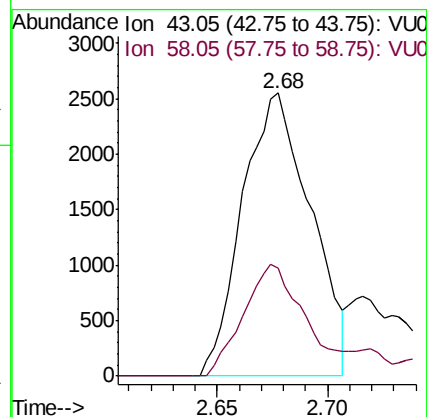
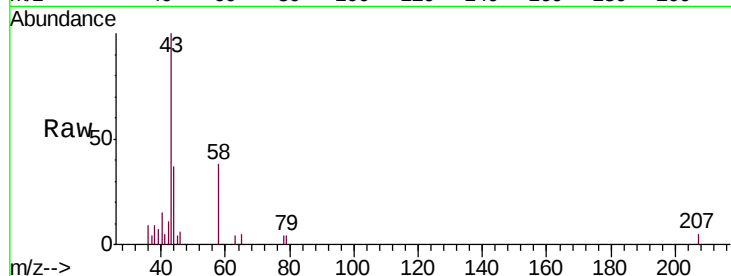
VHBLK01

Tgt Ion: 43 Resp: 5486

Ion Ratio Lower Upper

43 100

58 35.1 0.0 67.6



#16

Methylene chloride

Concen: 0.514 ug/L

RT: 3.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: VU036233.D

Acq: 16 Dec 2019 14:53

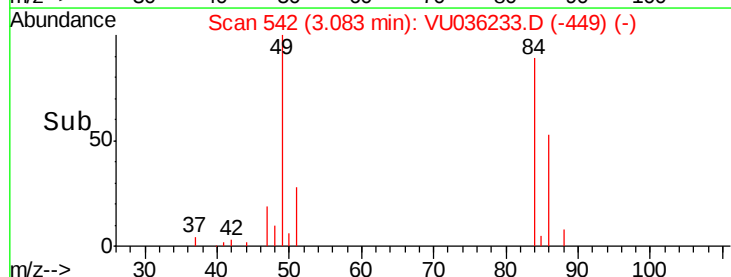
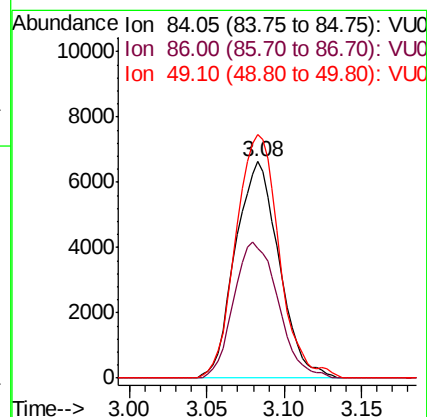
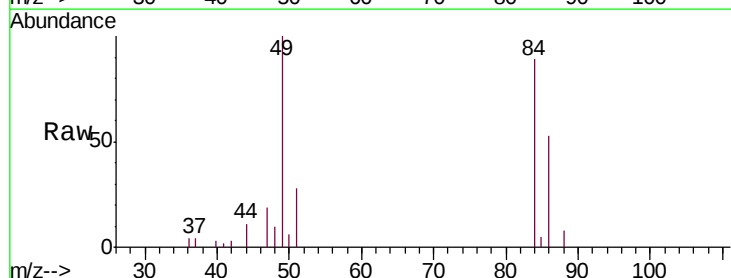
Tgt Ion: 84 Resp: 13034

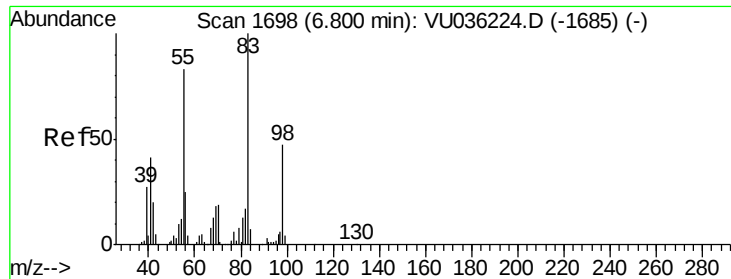
Ion Ratio Lower Upper

84 100

86 60.2 43.0 79.8

49 112.6 77.3 143.5





#35

Methylcyclohexane

Concen: 0.793 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

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Instrument :

MSVOA\_U

ClientSampleId :

VHBLK01

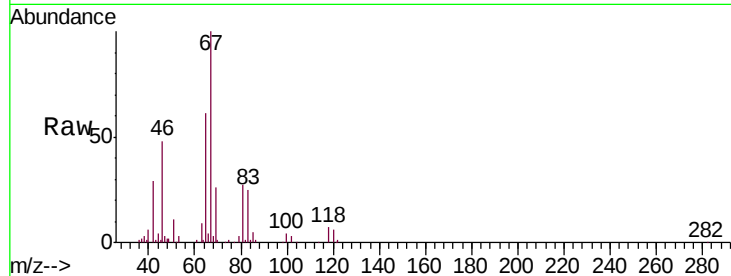
Tgt Ion: 83 Resp: 23382

Ion Ratio Lower Upper

83 100

55 0.0 62.6 94.0#

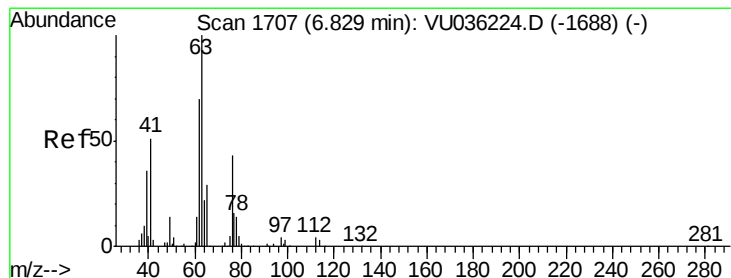
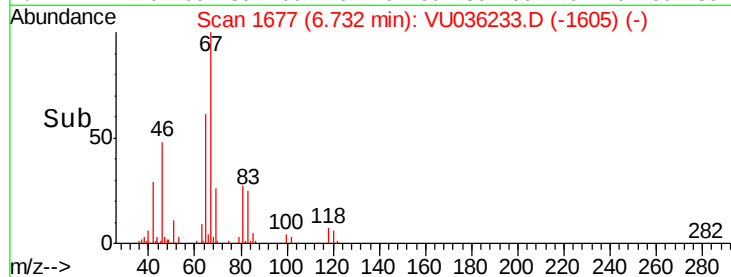
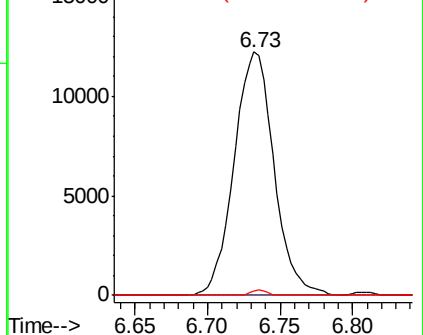
98 0.8 36.2 54.2#



Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0



#37

1,2-Dichloropropane

Concen: 0.476 ug/L

RT: 6.74 min Scan# 1679

Delta R.T. -0.09 min

Lab File: VU036233.D

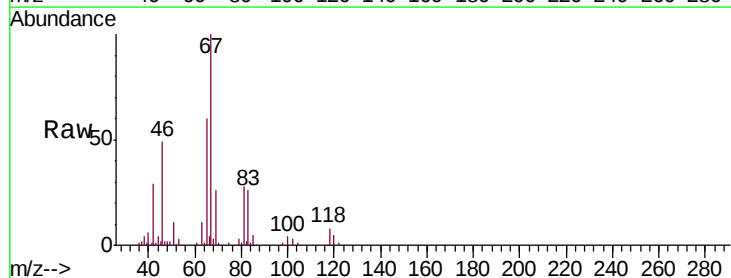
Acq: 16 Dec 2019 14:53

Tgt Ion: 63 Resp: 9766

Ion Ratio Lower Upper

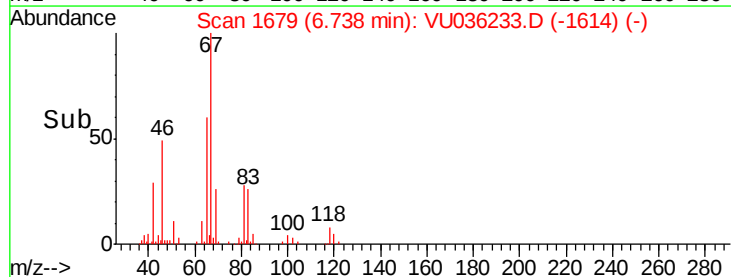
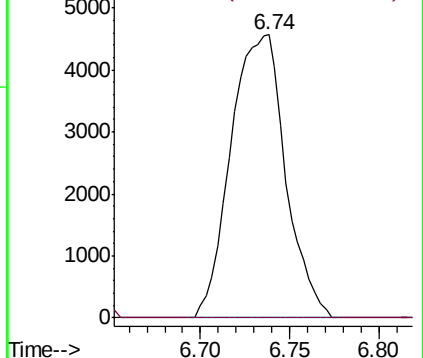
63 100

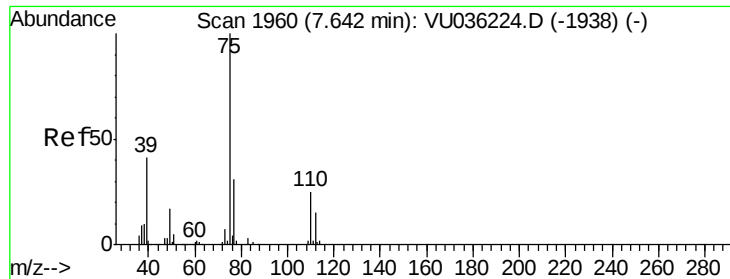
112 0.5 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V



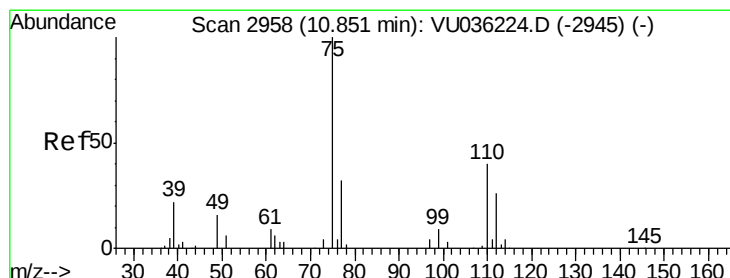
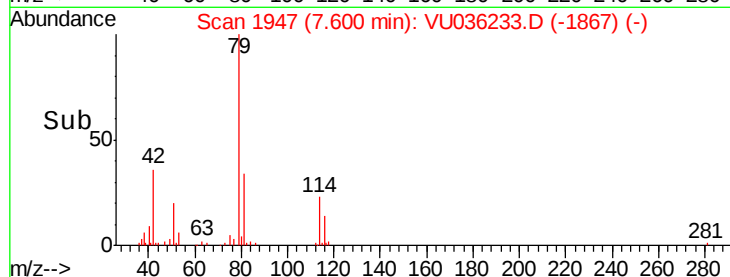
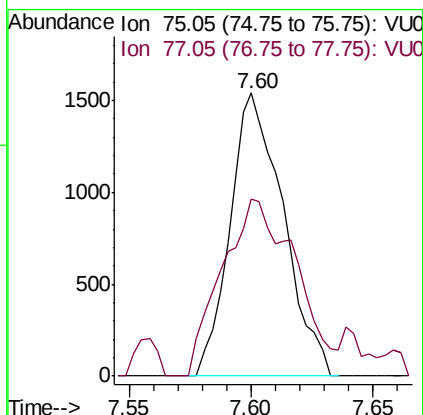
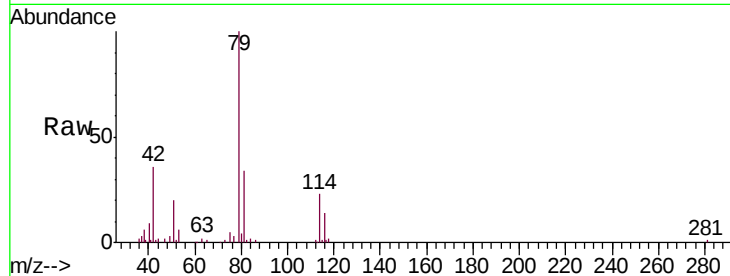


#39

cis-1,3-Dichloropropene  
Concen: 0.083 ug/L  
RT: 7.60 min Scan# 1947  
Delta R.T. -0.04 min  
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MSVOA\_U  
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VHBLK01

Tgt Ion: 75 Resp: 2325  
Ion Ratio Lower Upper  
75 100  
77 62.4 22.7 42.1#



#59

1,2,3-Trichloropropane  
Concen: 0.754 ug/L  
RT: 11.84 min Scan# 3265  
Delta R.T. 0.99 min  
Lab File: VU036233.D  
Acq: 16 Dec 2019 14:53

Tgt Ion: 75 Resp: 10282  
Ion Ratio Lower Upper  
75 100  
77 35.7 27.2 40.8

