

Data File : VU036023.D  
Acq On : 06 Dec 2019 14:48  
Operator : JC/SP  
Sample : K6168-02  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BFE36

Quant Time: Dec 06 22:35:46 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR120319WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Fri Dec 06 22:30:31 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.29  | 114  | 270399   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.45  | 117  | 293498   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.84 | 152  | 82008    | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.62   | 65    | 112330   | 3.65     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 73.00%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 119876   | 4.85     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 97.00%  |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 127309   | 2.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 57.60%# |
| 20) 2-Butanone-d5              | 4.69   | 46    | 182383   | 33.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 66.82%  |
| 24) Chloroform-d               | 5.11   | 84    | 176265   | 4.16     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 83.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.75   | 65    | 102886   | 4.59     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 91.80%  |
| 32) Benzene-d6                 | 5.77   | 84    | 371906   | 4.28     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 85.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.73   | 67    | 117766   | 4.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 83.80%  |
| 41) Toluene-d8                 | 7.93   | 98    | 303844   | 3.80     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 76.00%  |
| 43) trans-1,3-Dichloropropene- | 8.21   | 79    | 42904    | 3.78     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 75.60%  |
| 46) 2-Hexanone-d5              | 8.70   | 63    | 174547   | 39.04    | ug/L | 0.02    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 78.08%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.79  | 84    | 101622   | 4.30     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 86.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.22  | 152   | 84117    | 4.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 99.20%  |

#### Target Compounds

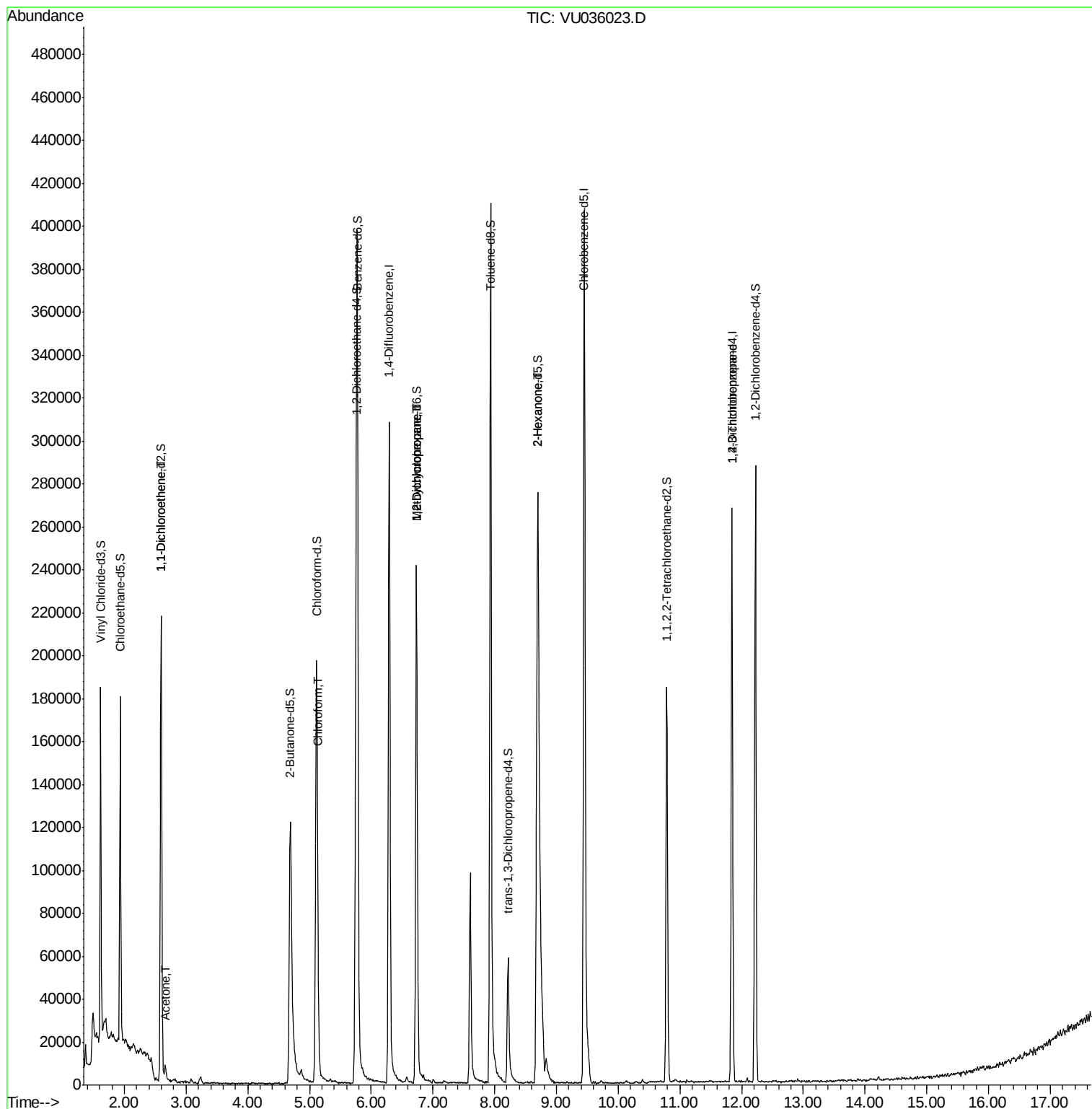
|                            |       |    |       |       | Qvalue |    |
|----------------------------|-------|----|-------|-------|--------|----|
| 12) 1,1-Dichloroethene     | 2.60  | 96 | 1374  | 0.071 | ug/L # | 1  |
| 13) Acetone                | 2.66  | 43 | 7339  | 1.487 | ug/L   | 99 |
| 25) Chloroform             | 5.14  | 83 | 20368 | 0.503 | ug/L   | 99 |
| 35) Methylcyclohexane      | 6.73  | 83 | 26550 | 0.759 | ug/L # | 16 |
| 37) 1,2-Dichloropropane    | 6.74  | 63 | 13174 | 0.527 | ug/L # | 88 |
| 48) 2-Hexanone             | 8.70  | 43 | 25720 | 2.371 | ug/L # | 42 |
| 59) 1,2,3-Trichloropropane | 11.84 | 75 | 9084  | 0.559 | ug/L   | 89 |

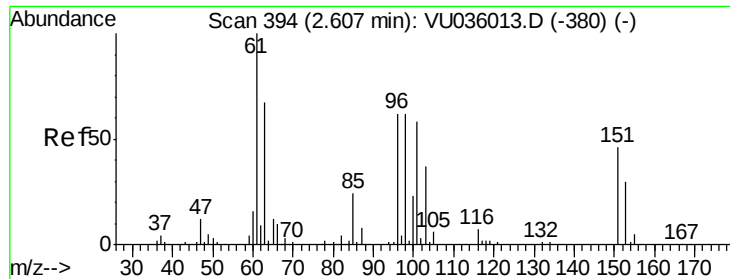
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 06 22:30:31 2019  
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.071 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU036023.D

Acq: 06 Dec 2019 14:48

Instrument :

MSVOA\_U

ClientSampleId :

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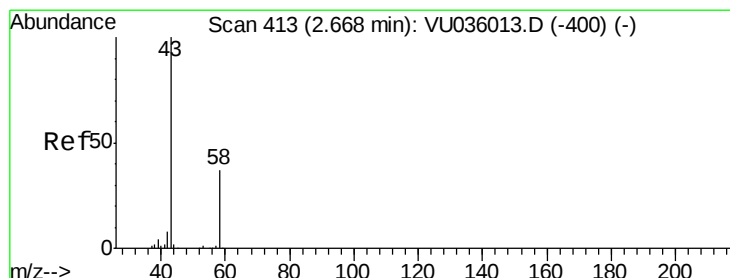
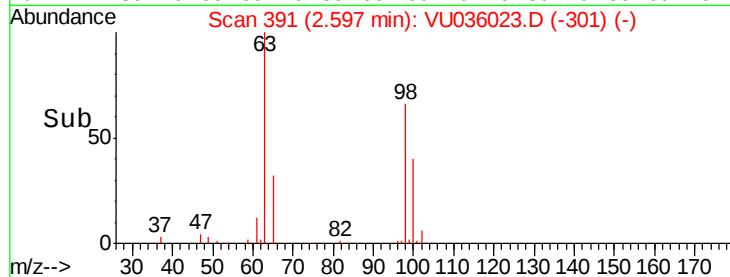
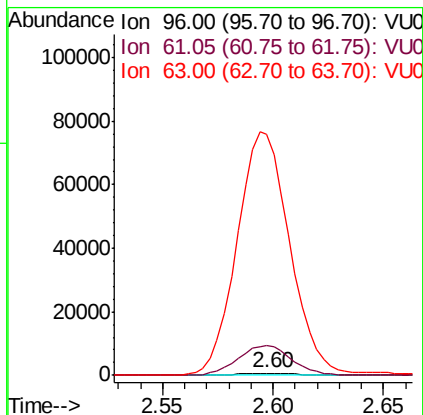
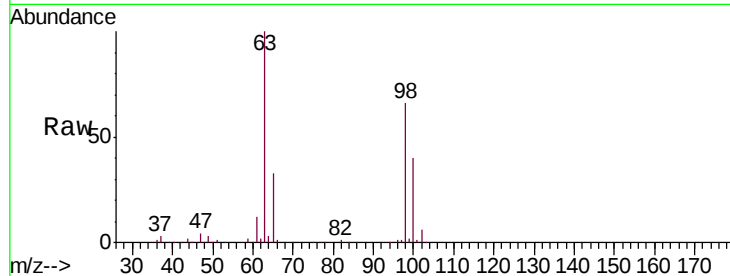
Tgt Ion: 96 Resp: 1374

Ion Ratio Lower Upper

96 100

61 1305.2 127.1 236.1#

63 10648.7 86.0 159.8#



#13

Acetone

Concen: 1.487 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.00 min

Lab File: VU036023.D

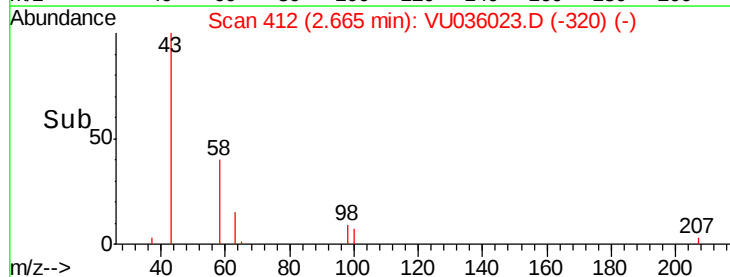
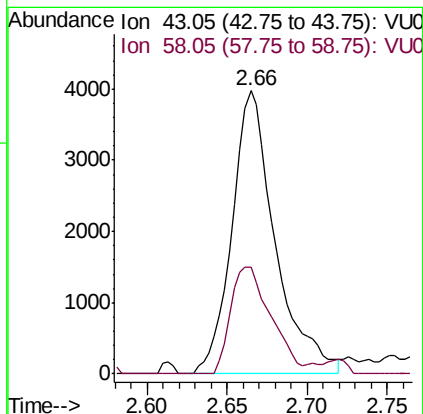
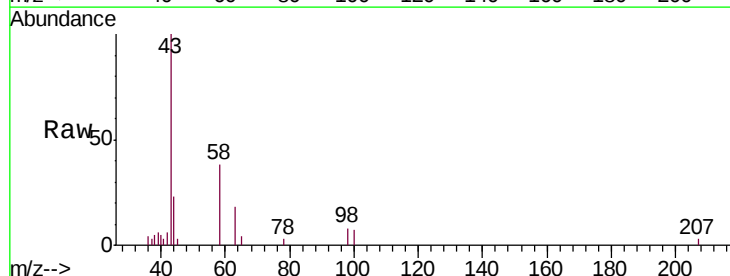
Acq: 06 Dec 2019 14:48

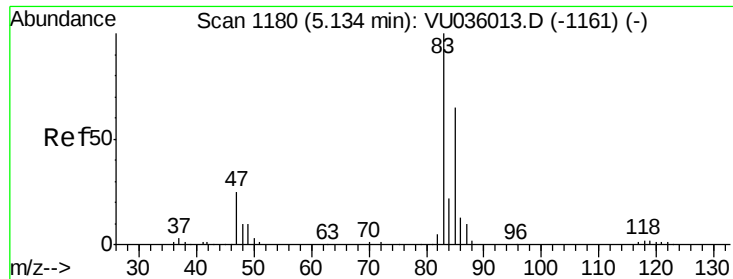
Tgt Ion: 43 Resp: 7339

Ion Ratio Lower Upper

43 100

58 35.0 0.0 68.6

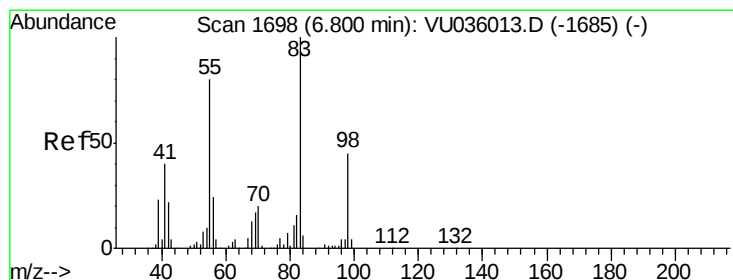
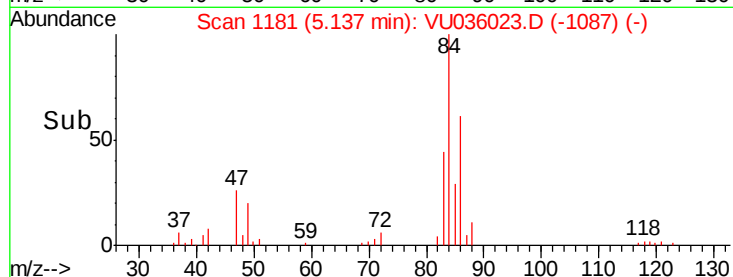
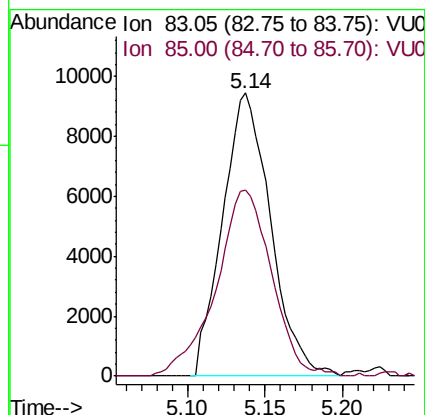
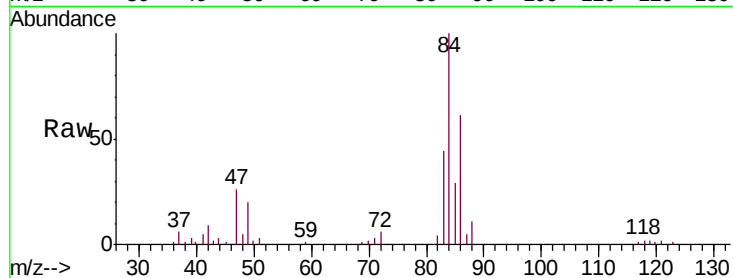




#25  
Chloroform  
Concen: 0.503 ug/L  
RT: 5.14 min Scan# 1181  
Delta R.T. 0.00 min  
Lab File: VU036023.D  
Acq: 06 Dec 2019 14:48

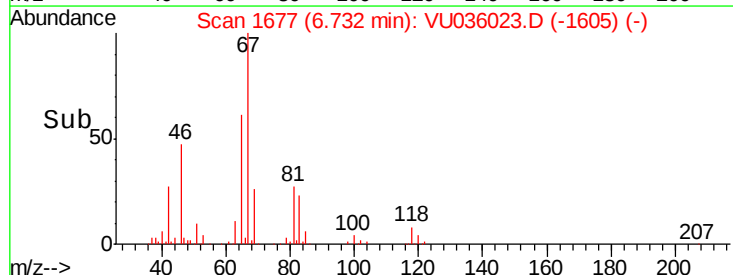
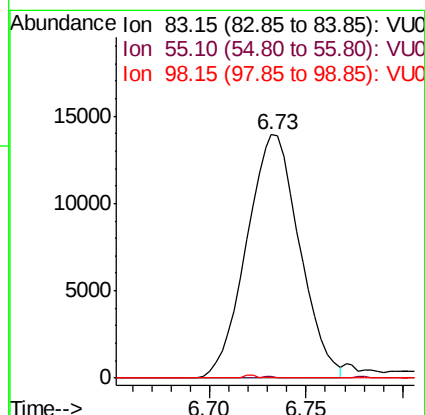
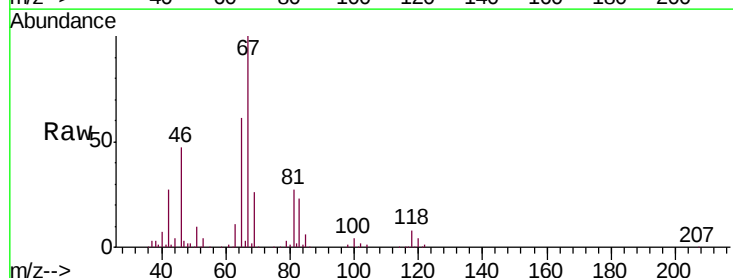
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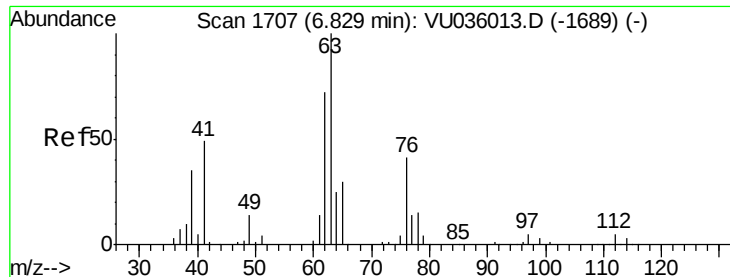
Tgt Ion: 83 Resp: 20368  
Ion Ratio Lower Upper  
83 100  
85 66.0 45.4 84.2



#35  
Methylcyclohexane  
Concen: 0.759 ug/L  
RT: 6.73 min Scan# 1677  
Delta R.T. -0.07 min  
Lab File: VU036023.D  
Acq: 06 Dec 2019 14:48

Tgt Ion: 83 Resp: 26550  
Ion Ratio Lower Upper  
83 100  
55 0.2 67.4 101.0#  
98 0.2 34.6 52.0#

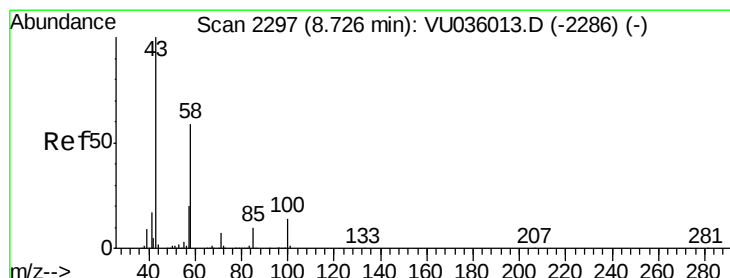
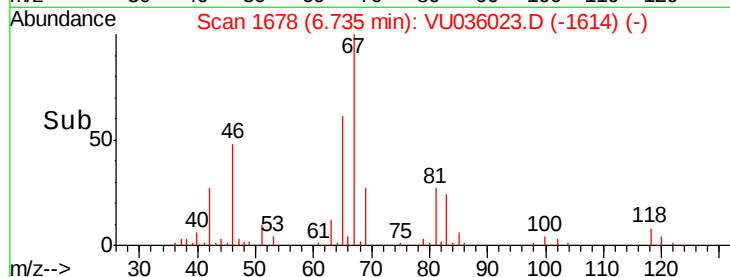
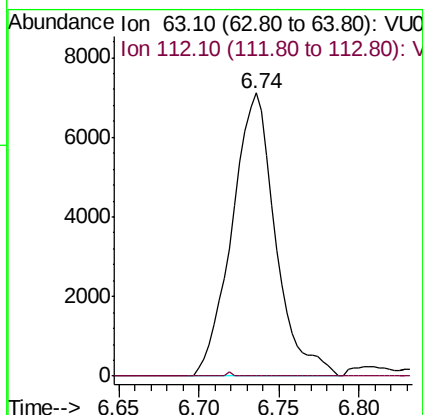
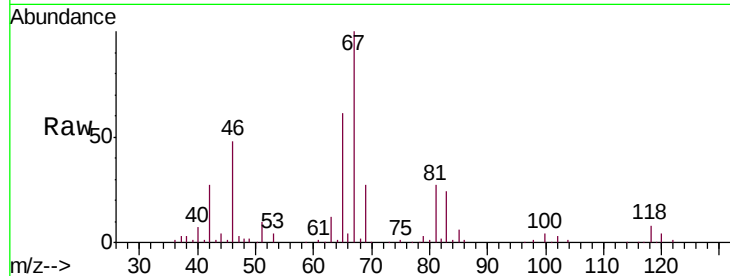




#37  
 1,2-Dichloropropane  
 Concen: 0.527 ug/L  
 RT: 6.74 min Scan# 1678  
 Delta R.T. -0.09 min  
 Lab File: VU036023.D  
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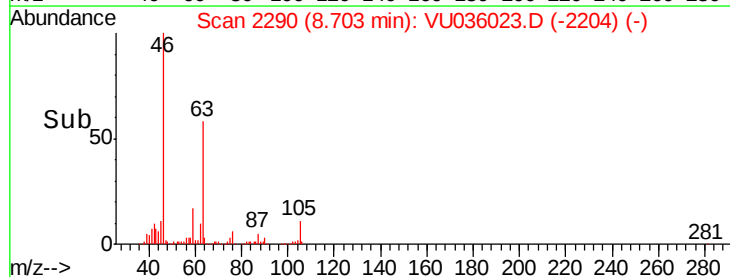
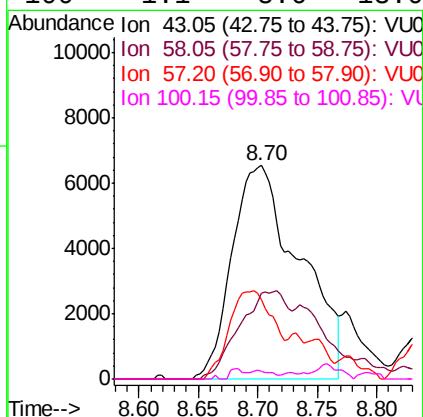
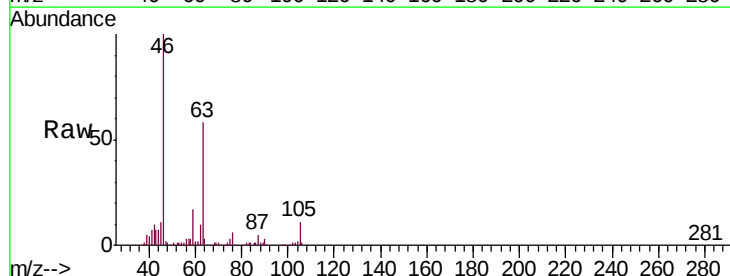
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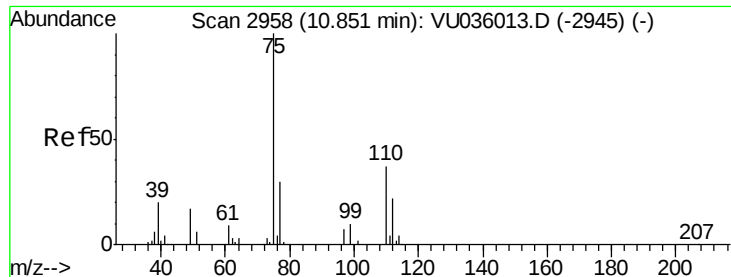
Tgt Ion: 63 Resp: 13174  
 Ion Ratio Lower Upper  
 63 100  
 112 0.2 3.3 4.9#



#48  
 2-Hexanone  
 Concen: 2.371 ug/L  
 RT: 8.70 min Scan# 2290  
 Delta R.T. -0.02 min  
 Lab File: VU036023.D  
 Acq: 06 Dec 2019 14:48

Tgt Ion: 43 Resp: 25720  
 Ion Ratio Lower Upper  
 43 100  
 58 0.0 45.4 68.2#  
 57 27.1 14.9 22.3#  
 100 1.1 8.6 13.0#





#59

1,2,3-Trichloropropane

Concen: 0.559 ug/L

RT: 11.84 min Scan# 3267

Delta R.T. 0.99 min

Lab File: VU036023.D

Acq: 06 Dec 2019 14:48

Instrument :

MSVOA\_U

ClientSampleId :

BFE36

Tgt Ion: 75 Resp: 9084

Ion Ratio Lower Upper

75 100

77 39.2 26.6 39.8

