

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031420\  
 Data File : VU037264.D  
 Acq On : 14 Mar 2020 15:45  
 Operator : JC/MD  
 Sample : L1900-16  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0NE3

Quant Time: Mar 16 05:19:04 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR031120WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Mon Mar 16 05:16:55 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 120292   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 119201   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 50260    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 35925    | 4.55     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 91.00%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 30868    | 5.53     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 110.60% |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 51070    | 3.14     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 62.80%  |
| 20) 2-Butanone-d5              | 4.67   | 46    | 99661    | 49.32    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 98.64%  |
| 24) Chloroform-d               | 5.10   | 84    | 75441    | 4.67     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 93.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 46018    | 4.91     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 98.20%  |
| 32) Benzene-d6                 | 5.76   | 84    | 140069   | 4.78     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 95.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.73   | 67    | 45863    | 4.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 96.80%  |
| 41) Toluene-d8                 | 7.93   | 98    | 124686   | 4.54     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 90.80%  |
| 43) trans-1,3-Dichloropropene- | 8.20   | 79    | 17342    | 4.54     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 90.80%  |
| 46) 2-Hexanone-d5              | 8.66   | 63    | 78717    | 49.42    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 98.84%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77  | 84    | 35992    | 4.62     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 92.40%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.21  | 152   | 44580    | 5.14     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 102.80% |

## Target Compounds

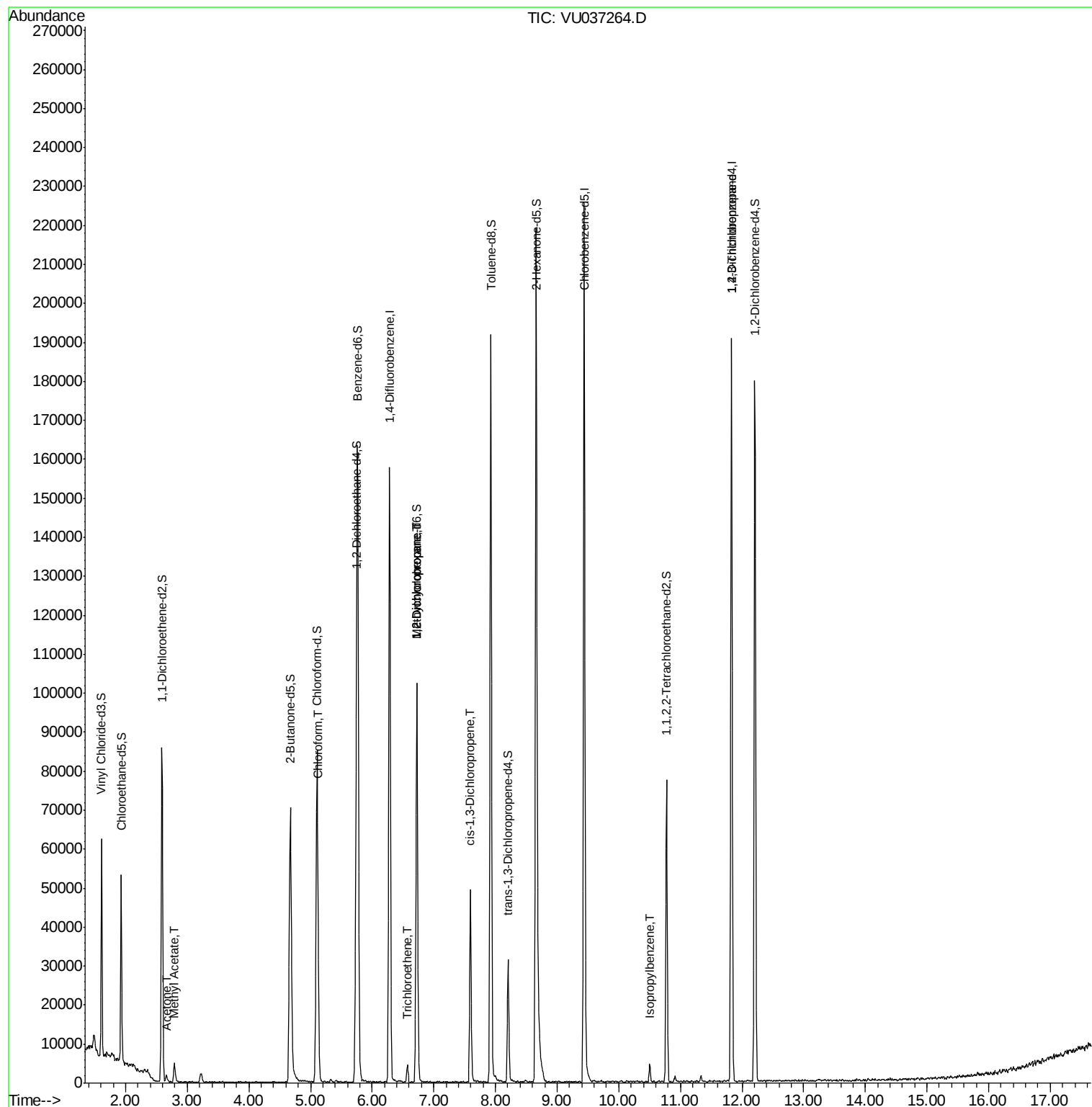
|                             |       |     |       |              | Ovalue |
|-----------------------------|-------|-----|-------|--------------|--------|
| 13) Acetone                 | 2.66  | 43  | 1484  | 0.896 ug/L   | 94     |
| 15) Methyl Acetate          | 2.79  | 43  | 1320  | 0.341 ug/L # | 55     |
| 25) Chloroform              | 5.12  | 83  | 6934  | 0.378 ug/L   | 99     |
| 34) Trichloroethene         | 6.58  | 95  | 1515  | 0.159 ug/L   | 80     |
| 35) Methylcyclohexane       | 6.72  | 83  | 10913 | 0.742 ug/L # | 15     |
| 37) 1,2-Dichloropropane     | 6.73  | 63  | 5662  | 0.610 ug/L # | 88     |
| 39) cis-1,3-Dichloropropene | 7.59  | 75  | 1500  | 0.113 ug/L # | 60     |
| 56) Isopropylbenzene        | 10.50 | 105 | 3474  | 0.088 ug/L   | 97     |
| 59) 1,2,3-Trichloropropane  | 11.83 | 75  | 6542  | 0.986 ug/L   | 92     |

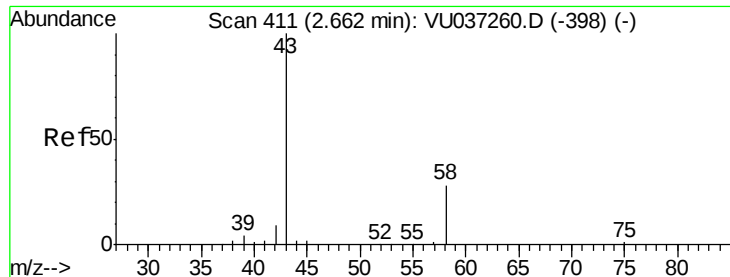
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_U  
ClientSampleId :  
CONE3

Quant Time: Mar 16 05:19:04 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR031120WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Mon Mar 16 05:16:55 2020  
Response via : Initial Calibration





#13

Acetone

Concen: 0.896 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU037264.D

Acq: 14 Mar 2020 15:45

Instrument :

MSVOA\_U

ClientSampleId :

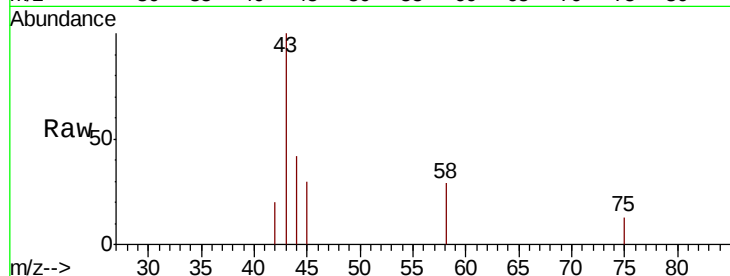
CONE3

Tot Ion: 43 Resp: 1484

Ion Ratio Lower Upper

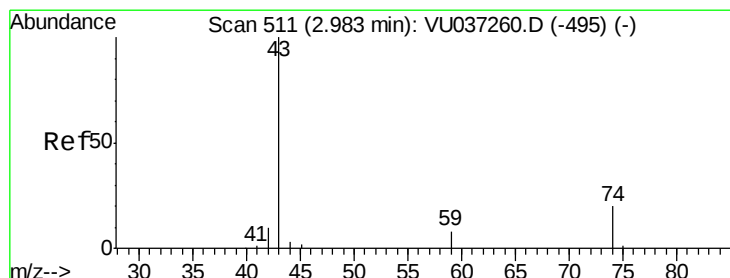
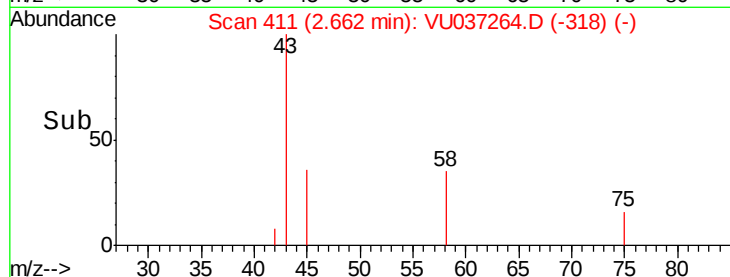
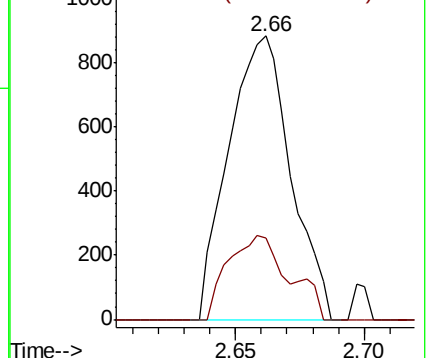
43 100

58 29.0 0.0 52.2



Abundance Ion 43.05 (42.75 to 43.75): VU037264.D (-318) (-)

Ion 58.05 (57.75 to 58.75): VU037264.D (-318) (-)



#15

Methyl Acetate

Concen: 0.341 ug/L

RT: 2.79 min Scan# 451

Delta R.T. -0.19 min

Lab File: VU037264.D

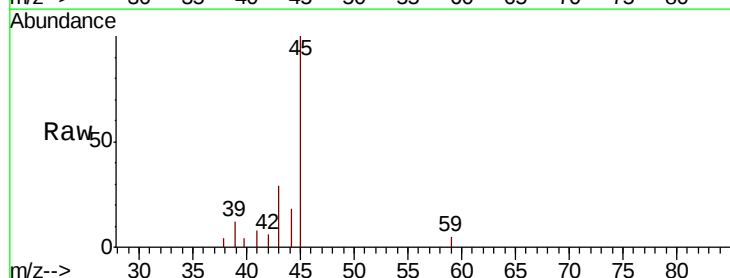
Acq: 14 Mar 2020 15:45

Tgt Ion: 43 Resp: 1320

Ion Ratio Lower Upper

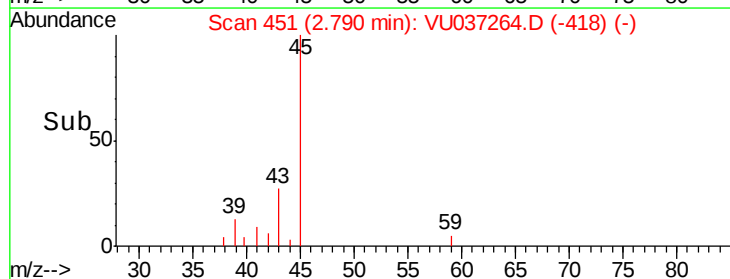
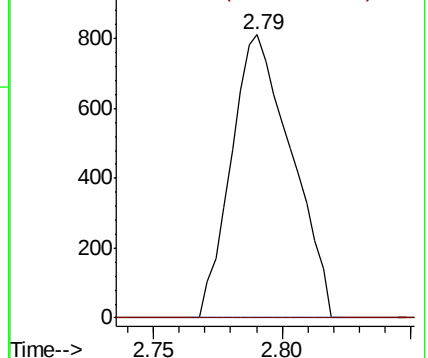
43 100

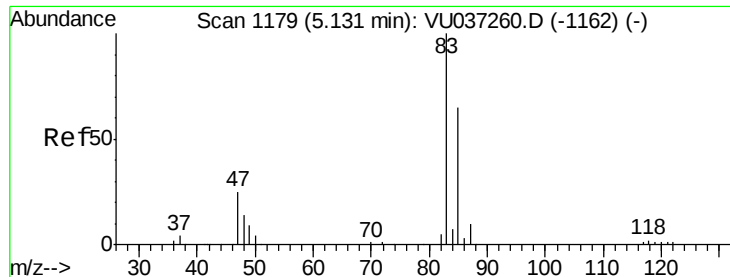
74 0.0 17.1 25.7#



Abundance Ion 43.05 (42.75 to 43.75): VU037264.D (-418) (-)

Ion 74.05 (73.75 to 74.75): VU037264.D (-418) (-)

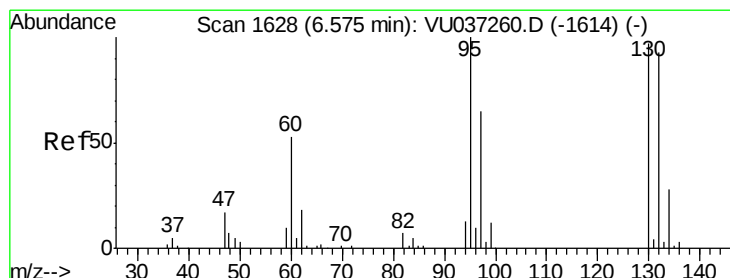
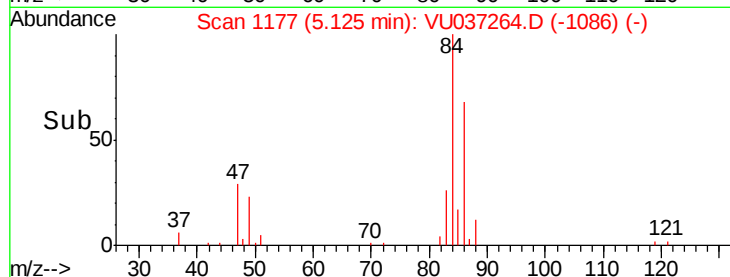
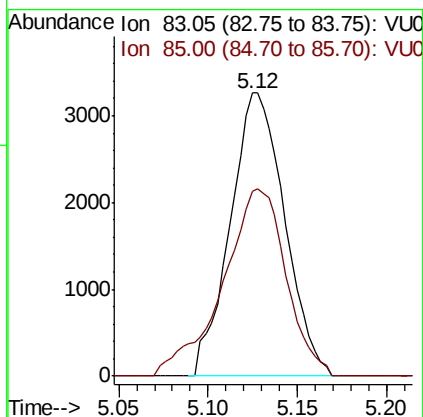
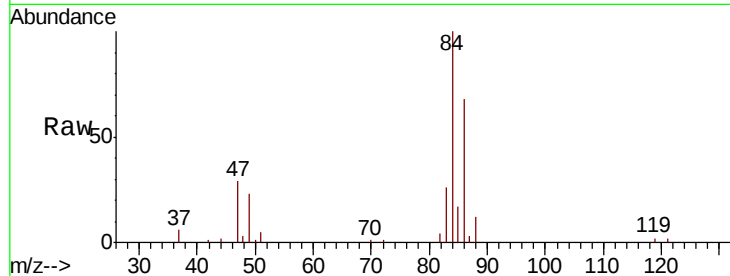




#25  
Chloroform  
Concen: 0.378 ug/L  
RT: 5.12 min Scan# 1177  
Delta R.T. -0.01 min  
Lab File: VU037264.D  
Acq: 14 Mar 2020 15:45

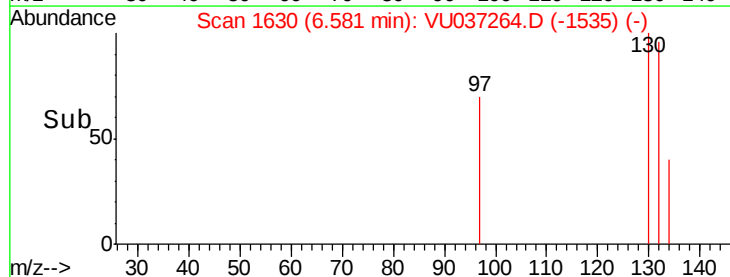
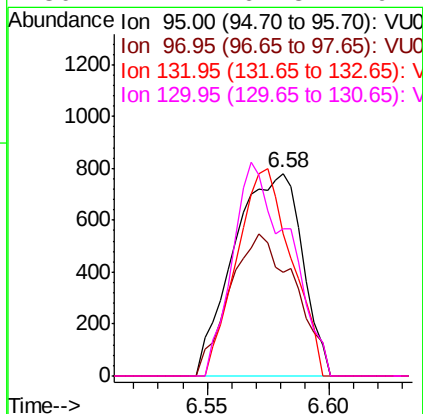
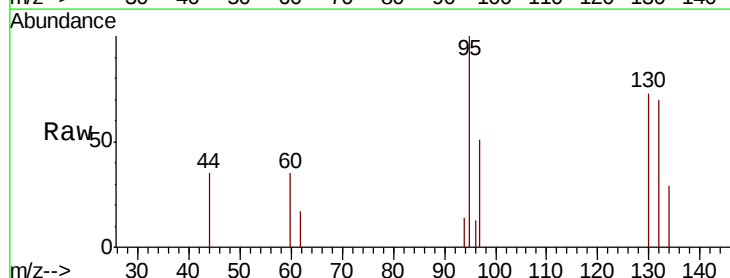
Instrument :  
MSVOA\_U  
ClientSampleId :  
CONE3

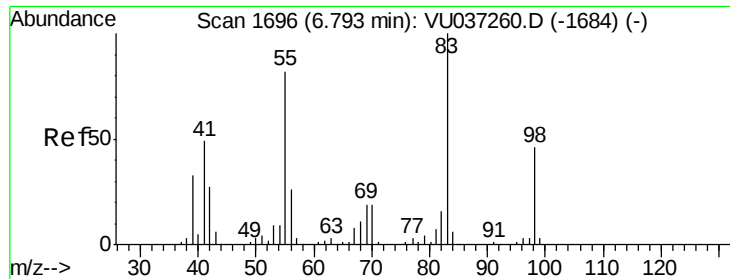
Tot Ion: 83 Resp: 6934  
Ion Ratio Lower Upper  
83 100  
85 65.4 45.3 84.1



#34  
Trichloroethene  
Concen: 0.159 ug/L  
RT: 6.58 min Scan# 1630  
Delta R.T. 0.01 min  
Lab File: VU037264.D  
Acq: 14 Mar 2020 15:45

Tgt Ion: 95 Resp: 1515  
Ion Ratio Lower Upper  
95 100  
97 51.2 45.4 84.4  
132 70.0 63.7 118.3  
130 72.7 64.8 120.4

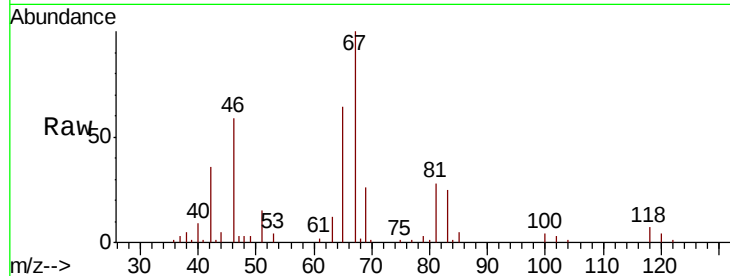




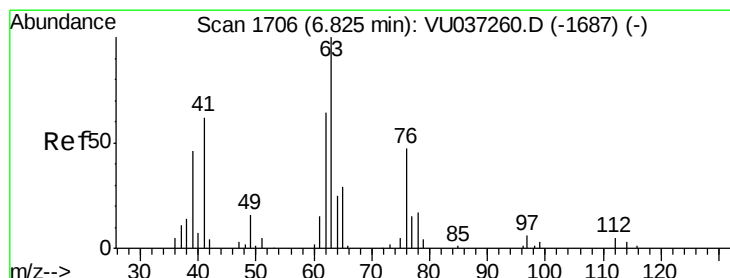
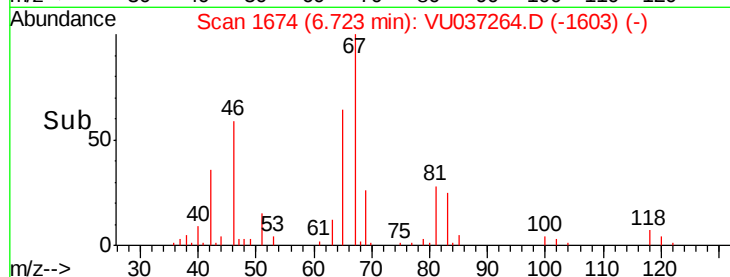
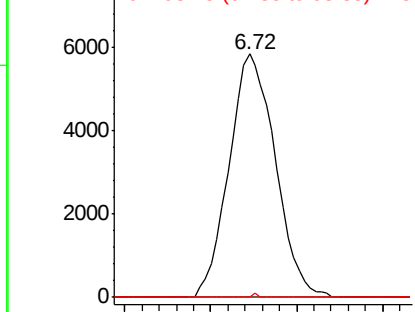
#35  
Methvlcvclohexane  
Concen: 0.742 ug/L  
RT: 6.72 min Scan# 1674  
Delta R.T. -0.07 min  
Lab File: VU037264.D  
Acq: 14 Mar 2020 15:45

Instrument :  
MSVOA\_U  
ClientSampleId :  
CONE3

Tot Ion: 83 Resp: 10913  
Ion Ratio Lower Upper  
83 100  
55 0.0 68.1 102.1#  
98 0.2 37.0 55.4#

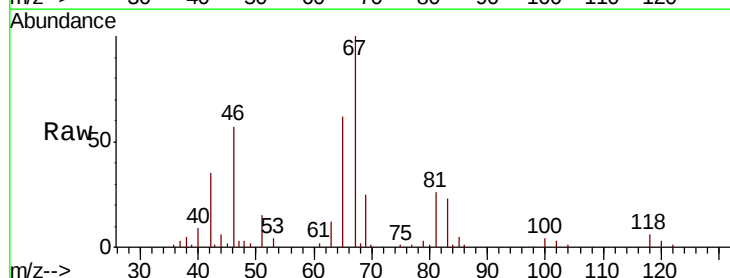


Abundance Ion 83.15 (82.85 to 83.85): VU0  
Ion 55.10 (54.80 to 55.80): VU0  
Ion 98.15 (97.85 to 98.85): VU0

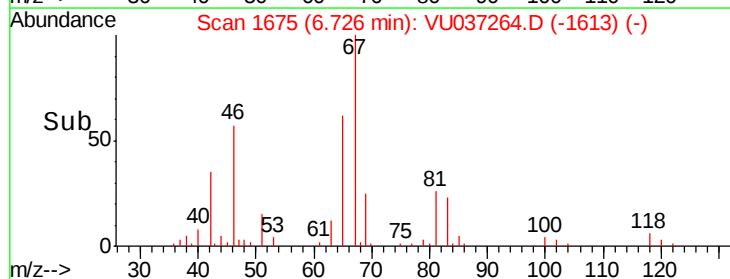
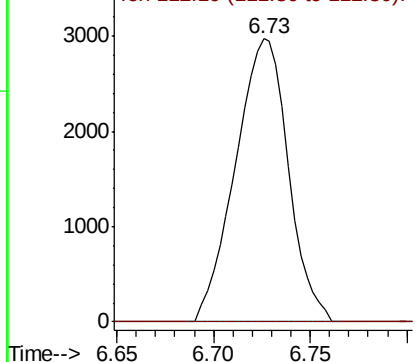


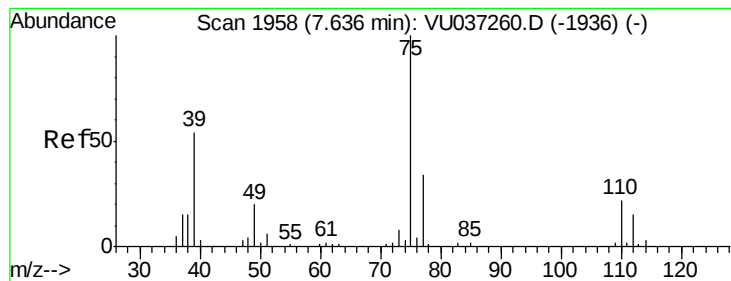
#37  
1,2-Dichloropropane  
Concen: 0.610 ug/L  
RT: 6.73 min Scan# 1675  
Delta R.T. -0.10 min  
Lab File: VU037264.D  
Acq: 14 Mar 2020 15:45

Tgt Ion: 63 Resp: 5662  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.0 4.6#



Abundance Ion 63.10 (62.80 to 63.80): VU0  
Ion 112.10 (111.80 to 112.80): V



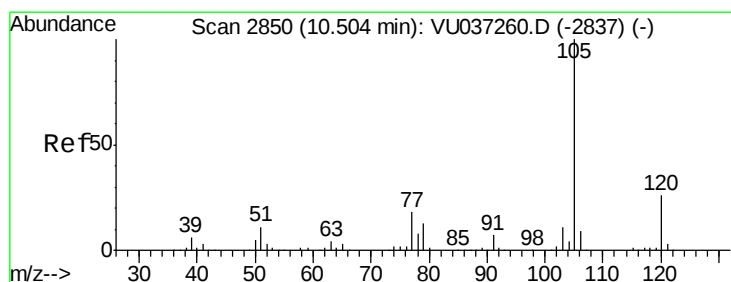
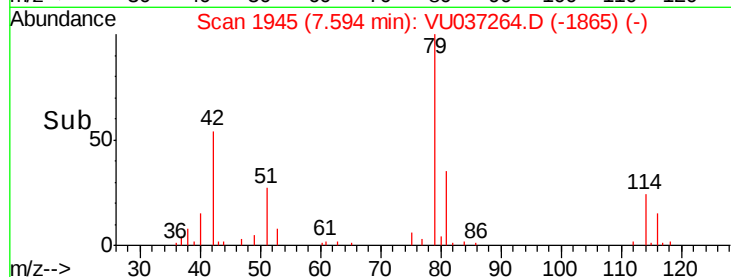
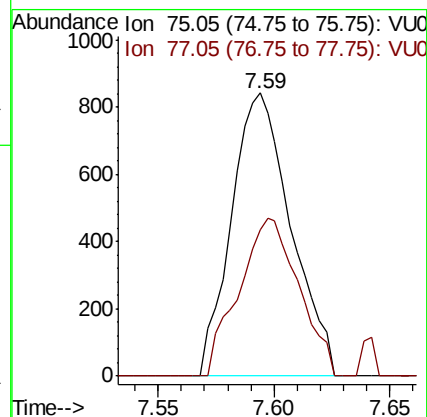
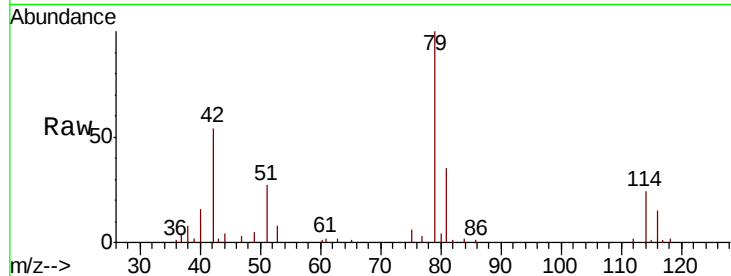


#39

cis-1,3-Dichloropropene  
Concen: 0.113 ug/L  
RT: 7.59 min Scan# 1945  
Delta R.T. -0.04 min  
Lab File: VU037264.D  
Acq: 14 Mar 2020 15:45

Instrument :  
MSVOA\_U  
ClientSampleId :  
CONE3

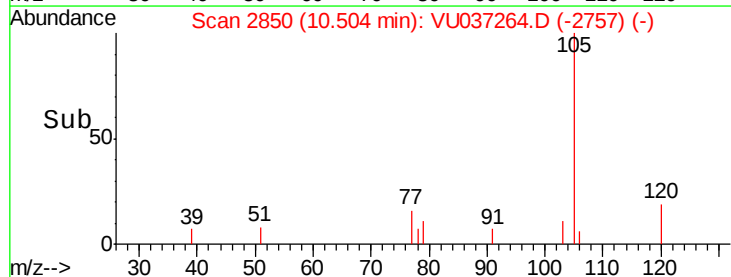
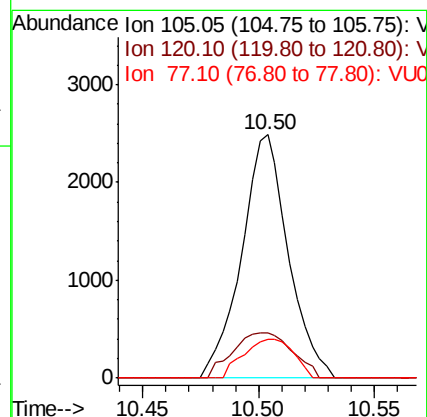
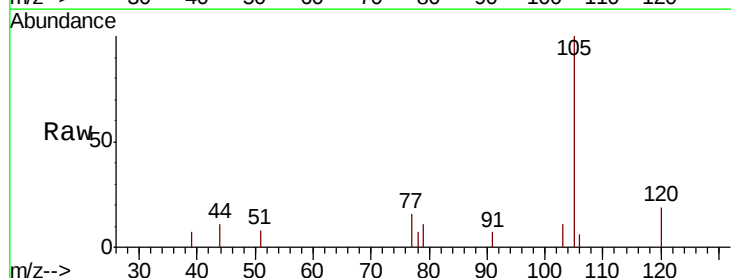
Tot Ion: 75 Resp: 1500  
Ion Ratio Lower Upper  
75 100  
77 51.9 21.1 39.1#

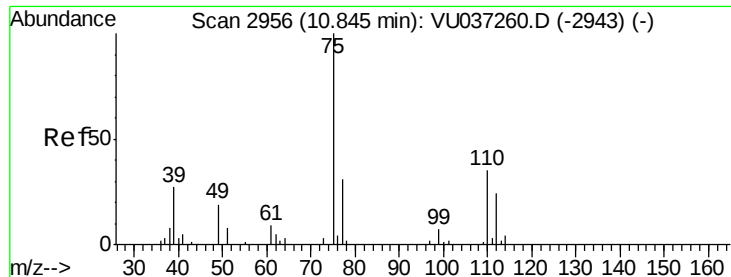


#56

Isopropylbenzene  
Concen: 0.088 ug/L  
RT: 10.50 min Scan# 2850  
Delta R.T. 0.00 min  
Lab File: VU037264.D  
Acq: 14 Mar 2020 15:45

Tgt Ion: 105 Resp: 3474  
Ion Ratio Lower Upper  
105 100  
120 23.9 20.5 30.7  
77 17.0 14.2 21.4





#59

1,2,3-Trichloropropane

Concen: 0.986 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU037264.D

Acq: 14 Mar 2020 15:45

Instrument :

MSVOA\_U

ClientSampleId :

CONE3

Tot Ion: 75 Resp: 6542

Ion Ratio Lower Upper

75 100

77 39.0 27.4 41.0

