

Data File : VU033143.D  
Acq On : 02 Jul 2019 16:10  
Operator : JC/SP  
Sample : K3608-06  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
GAML5

Quant Time: Jul 03 02:18:44 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR070219WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Wed Jul 03 02:14:33 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 90248    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 92455    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 43203    | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 36466    | 6.98     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 139.60%# |
| 7) Chloroethane-d5             | 1.68   | 69    | 29292    | 6.13     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 122.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 55537    | 4.51     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 90.20%   |
| 20) 2-Butanone-d5              | 4.19   | 46    | 99024    | 52.07    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 104.14%  |
| 24) Chloroform-d               | 4.64   | 84    | 66933    | 5.46     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 109.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.31   | 65    | 38087    | 5.38     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 107.60%  |
| 32) Benzene-d6                 | 5.33   | 84    | 124321   | 5.60     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 112.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.32   | 67    | 40573    | 5.50     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 110.00%  |
| 41) Toluene-d8                 | 7.56   | 98    | 109098   | 5.11     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 102.20%  |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 15522    | 4.89     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 97.80%   |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 61189    | 46.76    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 93.52%   |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 32462    | 5.01     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 100.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.85  | 152   | 43366    | 5.58     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 111.60%  |

#### Target Compounds

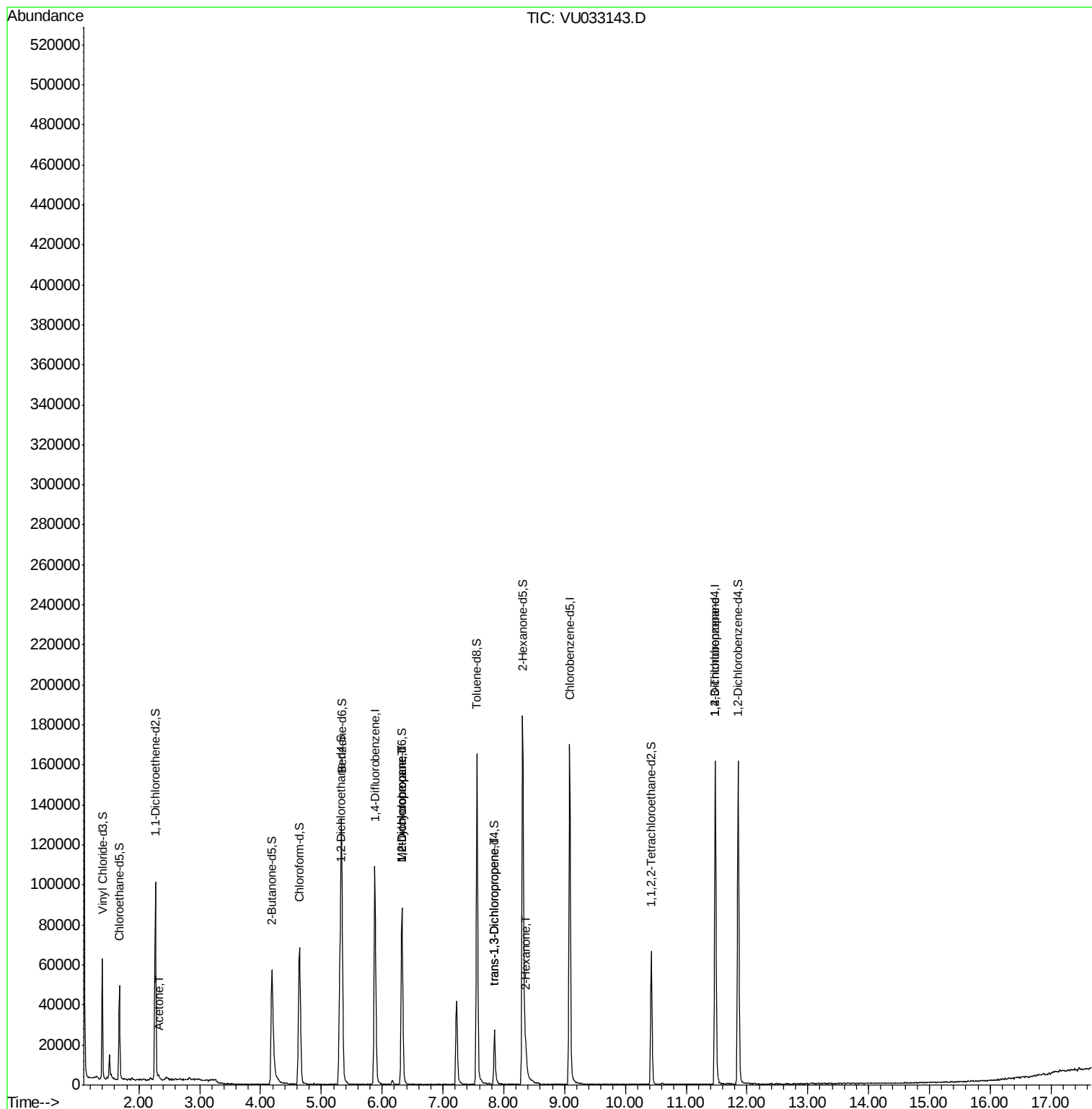
|                               |       |    |      |              | Qvalue |
|-------------------------------|-------|----|------|--------------|--------|
| 13) Acetone                   | 2.32  | 43 | 1894 | 1.239 ug/L   | 74     |
| 35) Methylcyclohexane         | 6.32  | 83 | 9144 | 0.827 ug/L # | 16     |
| 37) 1,2-Dichloropropane       | 6.32  | 63 | 4805 | 0.641 ug/L # | 88     |
| 44) trans-1,3-Dichloropropene | 7.85  | 75 | 732  | 0.083 ug/L # | 76     |
| 48) 2-Hexanone                | 8.36  | 43 | 7808 | 2.069 ug/L # | 83     |
| 59) 1,2,3-Trichloropropane    | 11.48 | 75 | 5459 | 1.070 ug/L   | 91     |

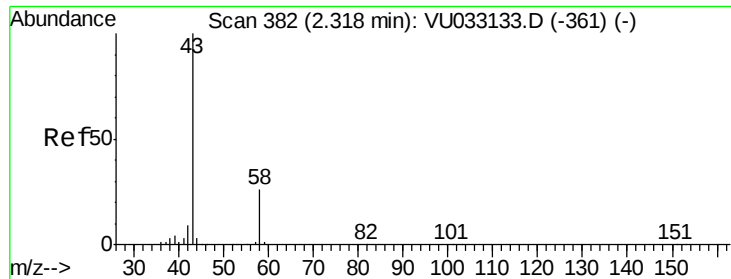
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.239 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU033143.D

Acq: 02 Jul 2019 16:10

Instrument :

MSVOA\_U

ClientSampleId :

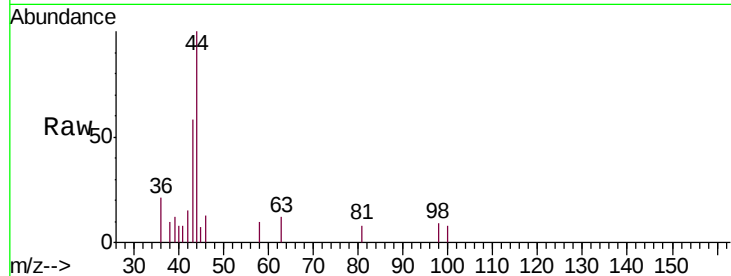
GAML5

Tgt Ion: 43 Resp: 1894

Ion Ratio Lower Upper

43 100

58 13.9 0.0 55.4

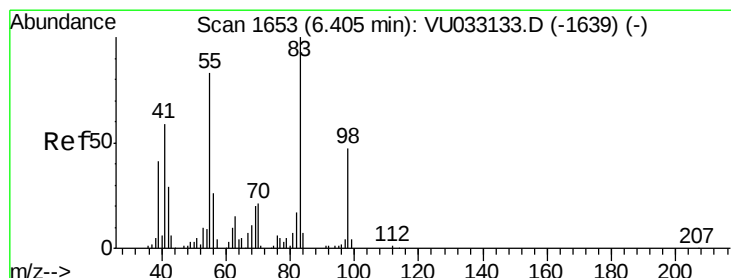
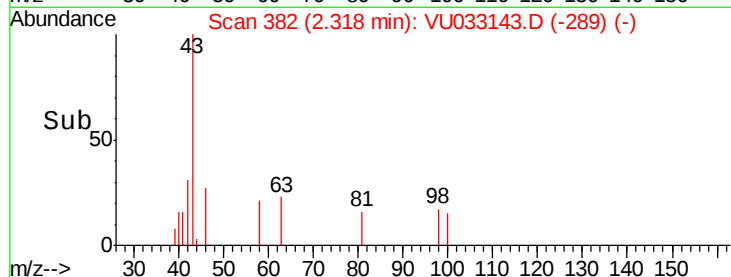


Abundance Ion 43.05 (42.75 to 43.75): VU033143.D (-361) (-)

Ion 58.05 (57.75 to 58.75): VU033143.D (-361) (-)

Time-->

2.30 2.35



#35

Methylcyclohexane

Concen: 0.827 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU033143.D

Acq: 02 Jul 2019 16:10

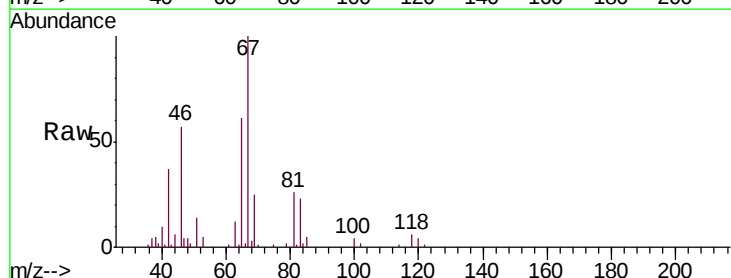
Tgt Ion: 83 Resp: 9144

Ion Ratio Lower Upper

83 100

55 0.0 66.5 99.7#

98 0.3 37.1 55.7#



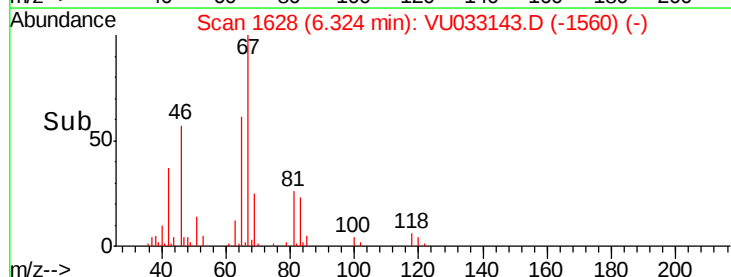
Abundance Ion 83.15 (82.85 to 83.85): VU033143.D (-1639) (-)

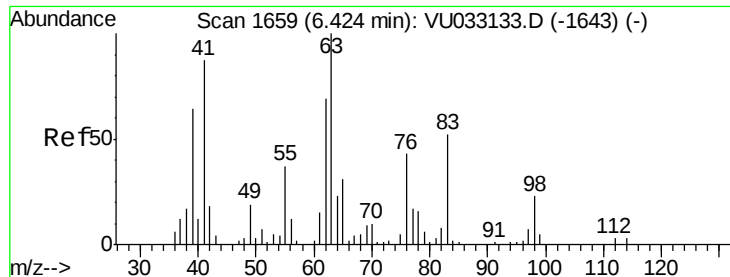
Ion 55.10 (54.80 to 55.80): VU033143.D (-1639) (-)

Ion 98.15 (97.85 to 98.85): VU033143.D (-1639) (-)

Time-->

6.25 6.30 6.35 6.40

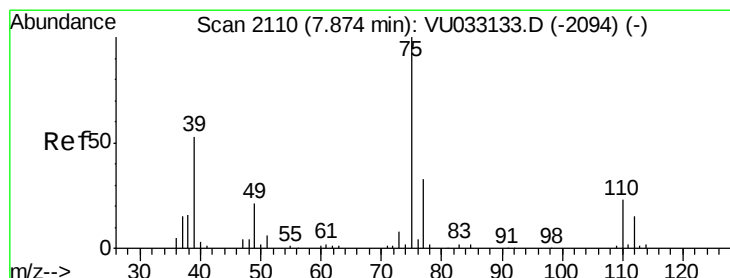
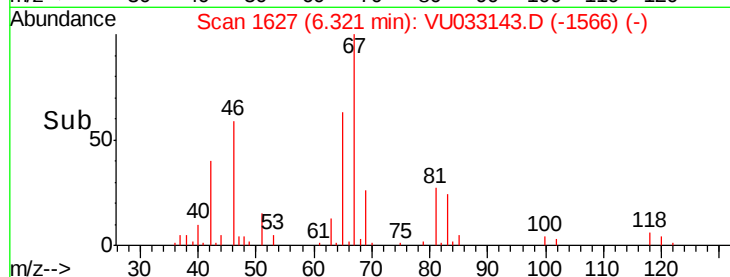
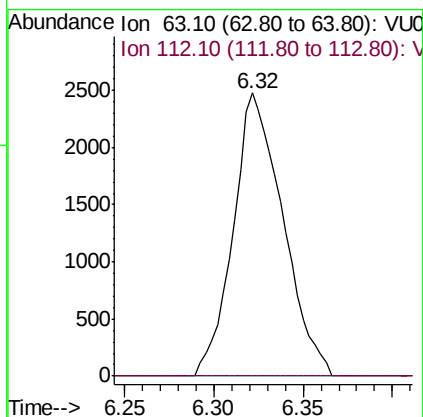
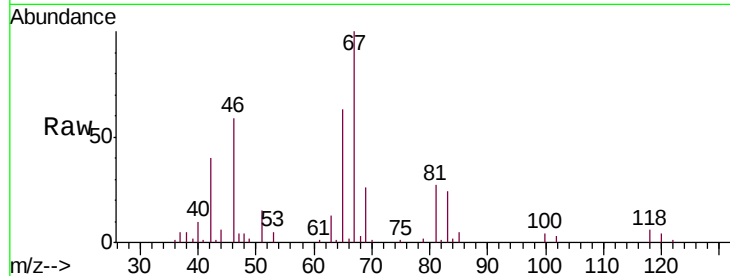




#37  
 1,2-Dichloropropane  
 Concen: 0.641 ug/L  
 RT: 6.32 min Scan# 1627  
 Delta R.T. -0.10 min  
 Lab File: VU033143.D  
 Acq: 02 Jul 2019 16:10

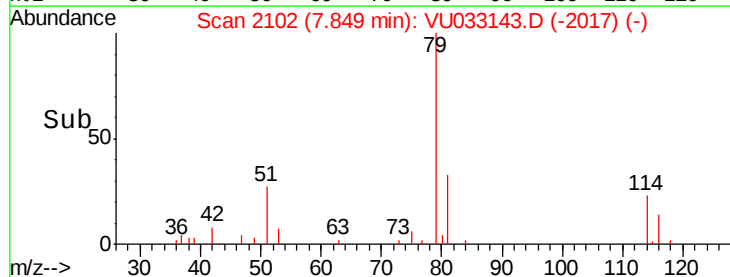
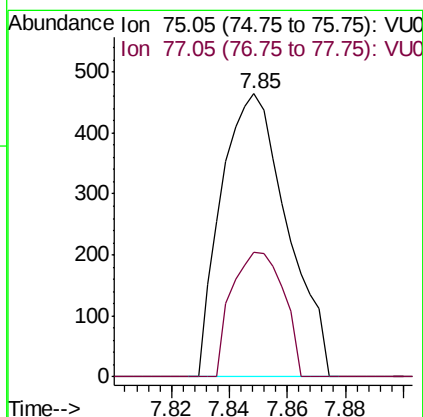
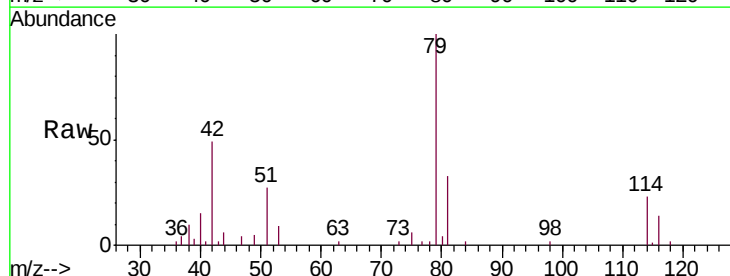
Instrument :  
 MSVOA\_U  
 ClientSampled :  
 GAML5

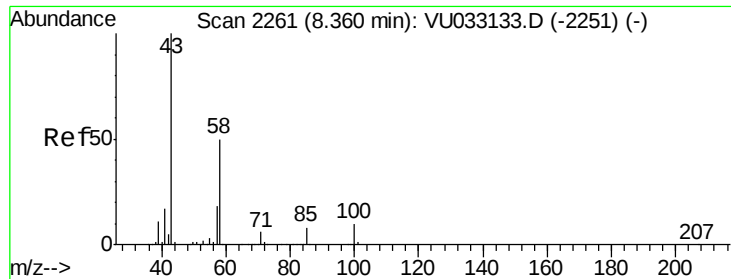
Tgt Ion: 63 Resp: 4805  
 Ion Ratio Lower Upper  
 63 100  
 112 0.0 3.0 4.6#



#44  
 trans-1,3-Dichloropropene  
 Concen: 0.083 ug/L  
 RT: 7.85 min Scan# 2102  
 Delta R.T. -0.03 min  
 Lab File: VU033143.D  
 Acq: 02 Jul 2019 16:10

Tgt Ion: 75 Resp: 732  
 Ion Ratio Lower Upper  
 75 100  
 77 44.2 21.6 40.2#

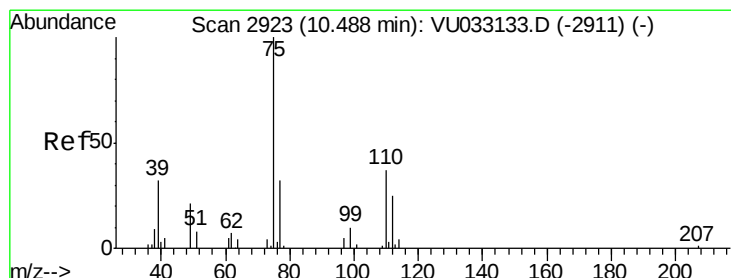
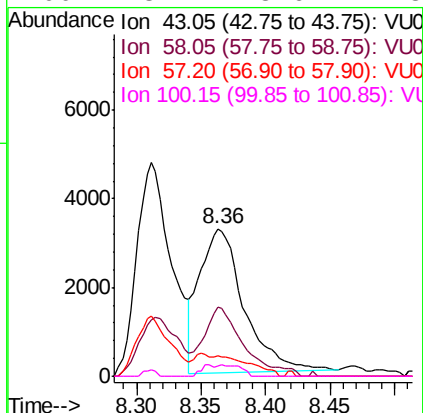
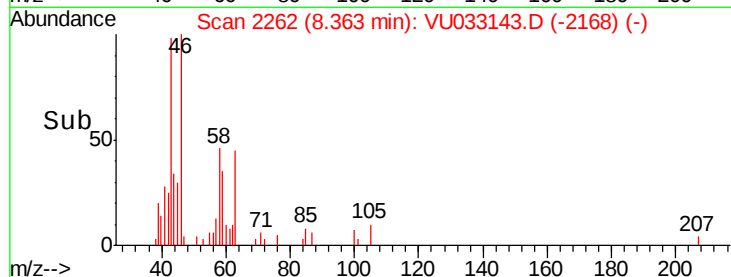
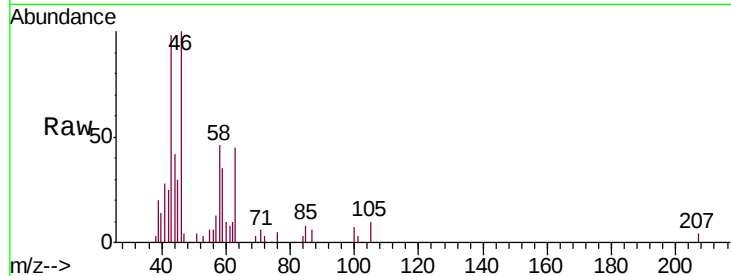




#48  
2-Hexanone  
Concen: 2.069 ug/L  
RT: 8.36 min Scan# 2262  
Delta R.T. 0.00 min  
Lab File: VU033143.D  
Acq: 02 Jul 2019 16:10

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MSVOA\_U  
ClientSampleId :  
GAML5

Tgt Ion: 43 Resp: 7808  
Ion Ratio Lower Upper  
43 100  
58 43.3 39.0 58.6  
57 0.0 13.9 20.9#  
100 3.7 8.6 12.8#



#59  
1,2,3-Trichloropropane  
Concen: 1.070 ug/L  
RT: 11.48 min Scan# 3231  
Delta R.T. 0.99 min  
Lab File: VU033143.D  
Acq: 02 Jul 2019 16:10

Tgt Ion: 75 Resp: 5459  
Ion Ratio Lower Upper  
75 100  
77 37.2 25.8 38.8

