

Data File : VU031821.D  
Acq On : 08 May 2019 13:51  
Operator : JC/SP  
Sample : K2661-03  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0B23

Quant Time: May 09 05:35:38 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR050819WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Thu May 09 05:32:34 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 351240   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 356506   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 140602   | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 109642   | 4.58     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 91.60%  |
| 7) Chloroethane-d5             | 1.68   | 69    | 94407    | 4.78     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 95.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 169207   | 3.28     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 65.60%  |
| 20) 2-Butanone-d5              | 4.20   | 46    | 468226   | 50.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 100.20% |
| 24) Chloroform-d               | 4.64   | 84    | 241620   | 4.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 98.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.31   | 65    | 144749   | 4.86     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 97.20%  |
| 32) Benzene-d6                 | 5.33   | 84    | 448901   | 4.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 98.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.32   | 67    | 161430   | 4.82     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 96.40%  |
| 41) Toluene-d8                 | 7.56   | 98    | 354660   | 4.54     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 90.80%  |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 55846    | 4.75     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 95.00%  |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 286307   | 48.14    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 96.28%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 124432   | 4.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 95.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86  | 152   | 122297   | 5.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 105.20% |

#### Target Compounds

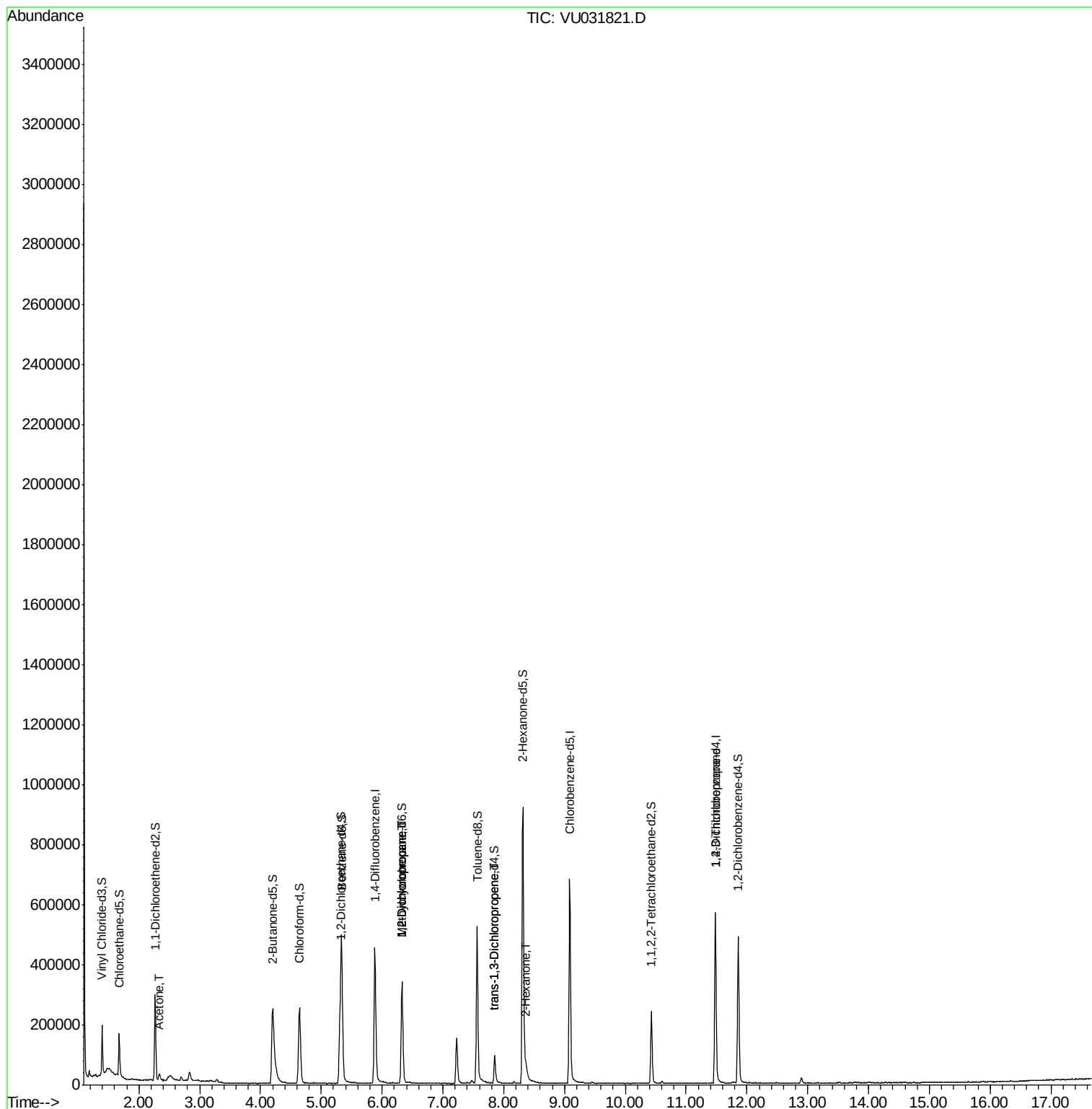
|                               |       |    |       |       | Qvalue    |
|-------------------------------|-------|----|-------|-------|-----------|
| 13) Acetone                   | 2.34  | 43 | 22872 | 3.583 | ug/L 100  |
| 35) Methylcyclohexane         | 6.33  | 83 | 35367 | 0.786 | ug/L # 11 |
| 37) 1,2-Dichloropropane       | 6.33  | 63 | 19114 | 0.537 | ug/L # 91 |
| 44) trans-1,3-Dichloropropene | 7.85  | 75 | 3049  | 0.086 | ug/L 92   |
| 48) 2-Hexanone                | 8.37  | 43 | 18940 | 1.113 | ug/L # 83 |
| 59) 1,2,3-Trichloropropane    | 11.48 | 75 | 20532 | 0.975 | ug/L 92   |

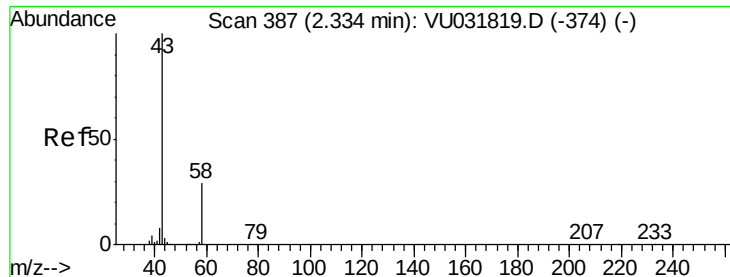
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU031821.D  
Acq On : 08 May 2019 13:51  
Operator : JC/SP  
Sample : K2661-03  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0B23

Quant Time: May 09 05:35:38 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR050819WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Thu May 09 05:32:34 2019  
Response via : Initial Calibration





#13

Acetone

Concen: 3.583 ug/L

RT: 2.34 min Scan# 388

Delta R.T. 0.00 min

Lab File: VU031821.D

Acq: 08 May 2019 13:51

Instrument :

MSVOA\_U

ClientSampleId :

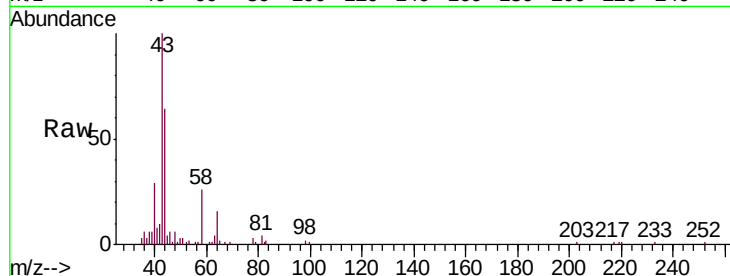
C0B23

Tgt Ion: 43 Resp: 22872

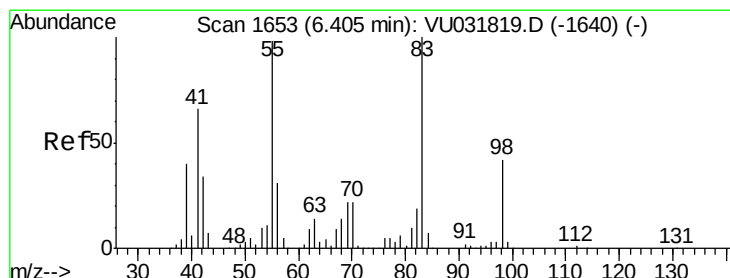
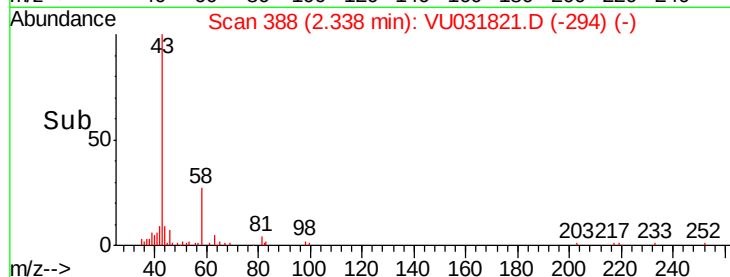
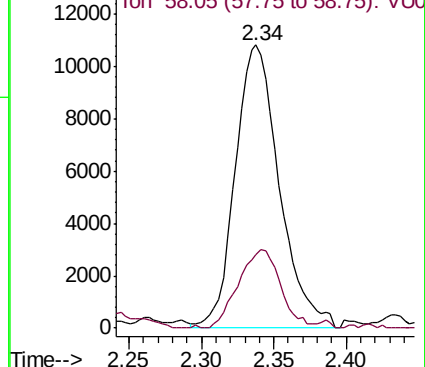
Ion Ratio Lower Upper

43 100

58 26.6 0.0 53.6



Abundance Ion 43.05 (42.75 to 43.75): VU031819.D (-374) (-)



#35

Methylcyclohexane

Concen: 0.786 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU031821.D

Acq: 08 May 2019 13:51

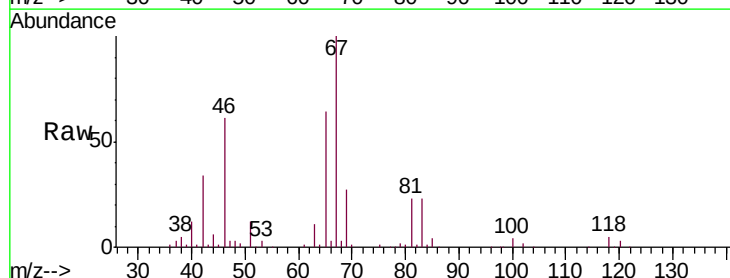
Tgt Ion: 83 Resp: 35367

Ion Ratio Lower Upper

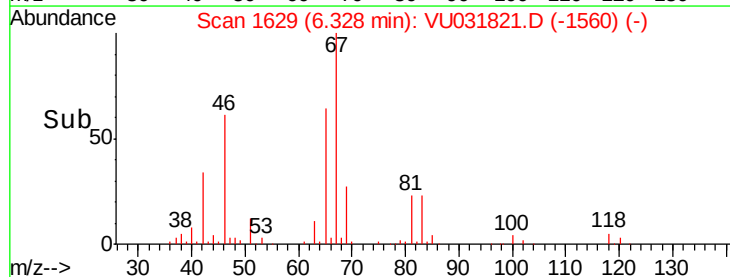
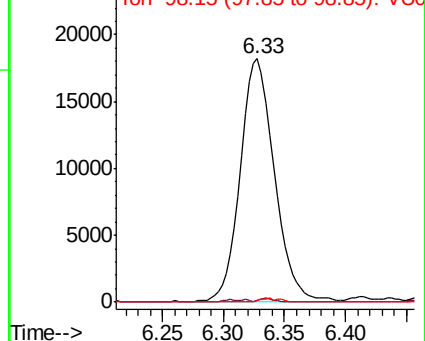
83 100

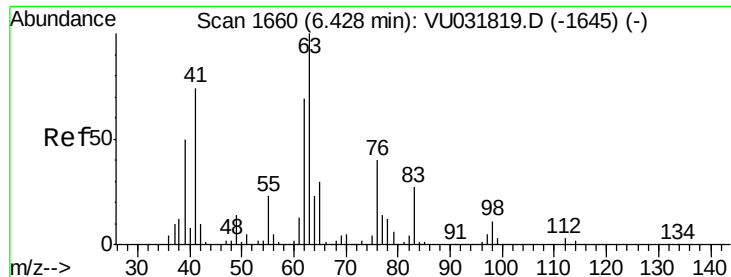
55 0.6 79.2 118.8#

98 0.9 34.0 51.0#



Abundance Ion 83.15 (82.85 to 83.85): VU031819.D (-1640) (-)





#37

1,2-Dichloropropane

Concen: 0.537 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU031821.D

Acq: 08 May 2019 13:51

Instrument :

MSVOA\_U

ClientSampleId :

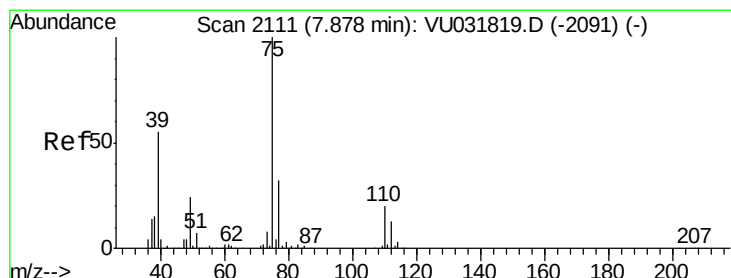
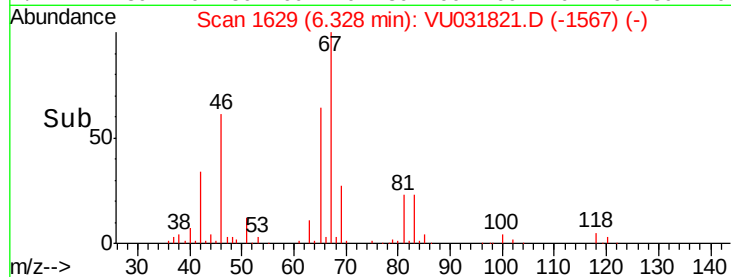
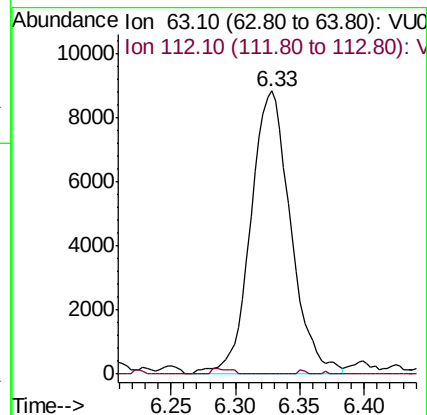
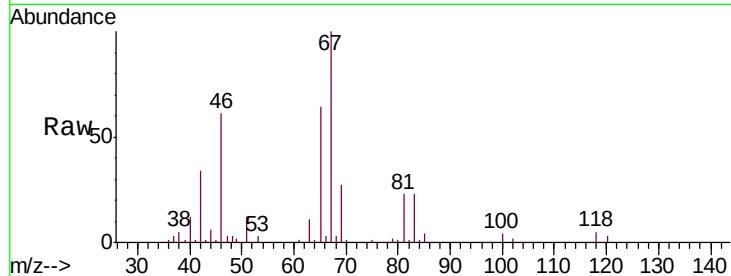
C0B23

Tgt Ion: 63 Resp: 19114

Ion Ratio Lower Upper

63 100

112 0.2 2.5 3.7#



#44

trans-1,3-Dichloropropene

Concen: 0.086 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031821.D

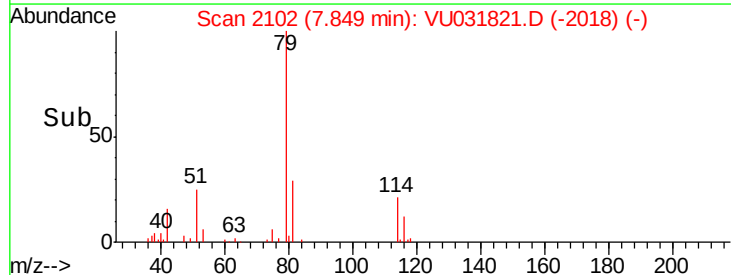
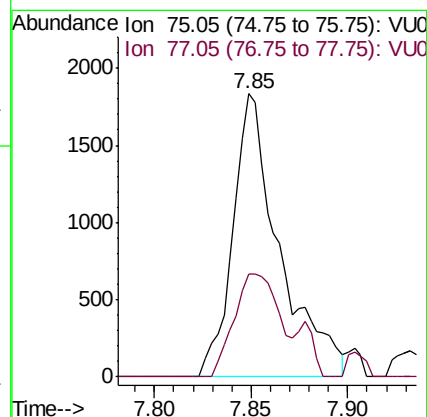
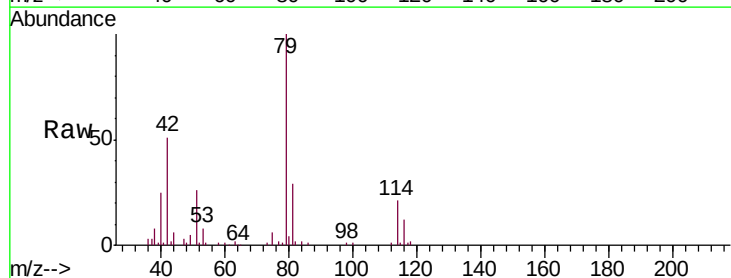
Acq: 08 May 2019 13:51

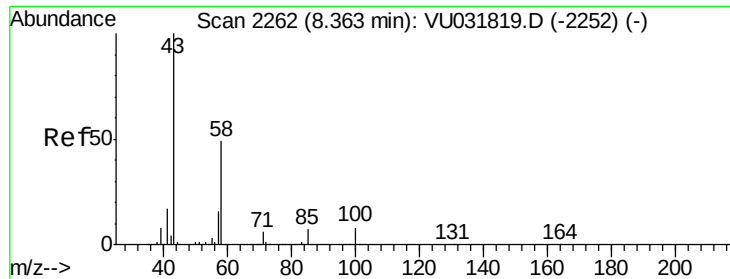
Tgt Ion: 75 Resp: 3049

Ion Ratio Lower Upper

75 100

77 36.3 22.3 41.3

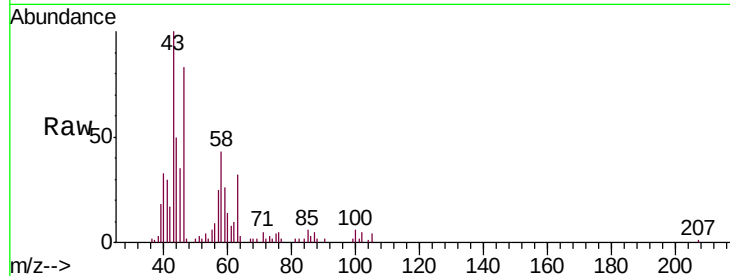




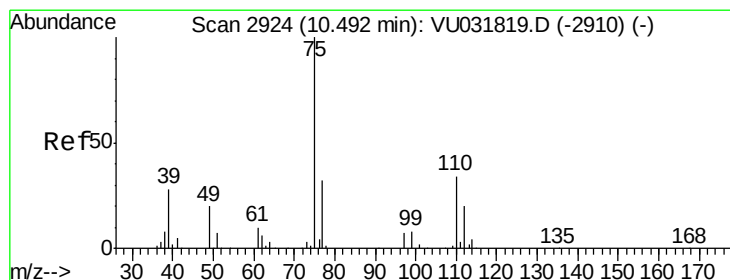
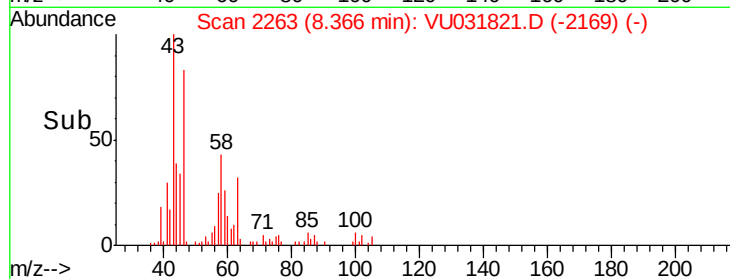
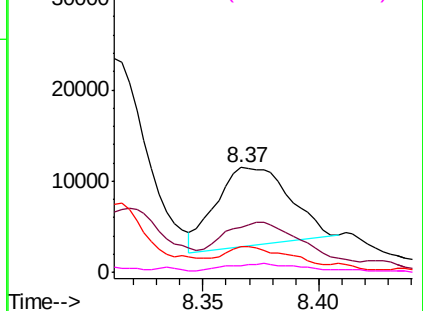
#48  
 2-Hexanone  
 Concen: 1.113 ug/L  
 RT: 8.37 min Scan# 2263  
 Delta R.T. 0.00 min  
 Lab File: VU031821.D  
 Acq: 08 May 2019 13:51

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0B23

Tgt Ion: 43 Resp: 18940  
 Ion Ratio Lower Upper  
 43 100  
 58 58.4 40.2 60.2  
 57 31.9 13.8 20.6#  
 100 11.8 6.4 9.6#

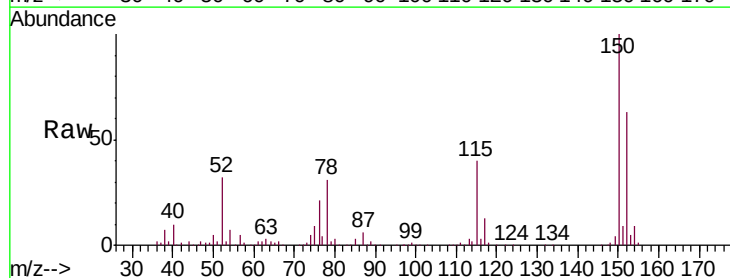


Abundance Ion 43.05 (42.75 to 43.75): VU0  
 Ion 58.05 (57.75 to 58.75): VU0  
 Ion 57.20 (56.90 to 57.90): VU0  
 Ion 100.15 (99.85 to 100.85): VU0



#59  
 1,2,3-Trichloropropane  
 Concen: 0.975 ug/L  
 RT: 11.48 min Scan# 3232  
 Delta R.T. 0.99 min  
 Lab File: VU031821.D  
 Acq: 08 May 2019 13:51

Tgt Ion: 75 Resp: 20532  
 Ion Ratio Lower Upper  
 75 100  
 77 37.7 26.3 39.5



Abundance Ion 75.00 (74.70 to 75.70): VU0  
 Ion 77.00 (76.70 to 77.70): VU0

