

Data File : VU031843.D  
Acq On : 09 May 2019 00:45  
Operator : JC/SP  
Sample : K2743-03  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 36 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
F9D04

Quant Time: May 09 07:02:20 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR050819WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Thu May 09 06:57:14 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 410886   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 426931   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 156213   | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 135134   | 4.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 96.60%  |
| 7) Chloroethane-d5             | 1.68   | 69    | 119532   | 5.18     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 103.60% |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 200716   | 3.33     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 66.60%  |
| 20) 2-Butanone-d5              | 4.19   | 46    | 527320   | 48.23    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 96.46%  |
| 24) Chloroform-d               | 4.64   | 84    | 276462   | 4.81     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 96.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.31   | 65    | 156786   | 4.50     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 90.00%  |
| 32) Benzene-d6                 | 5.33   | 84    | 524203   | 4.80     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 96.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.33   | 67    | 189388   | 4.72     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 94.40%  |
| 41) Toluene-d8                 | 7.56   | 98    | 401310   | 4.29     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 85.80%  |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 56175    | 3.99     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 79.80%  |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 344320   | 48.34    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 96.68%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 148861   | 4.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 95.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86  | 152   | 145508   | 5.63     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 112.60% |

#### Target Compounds

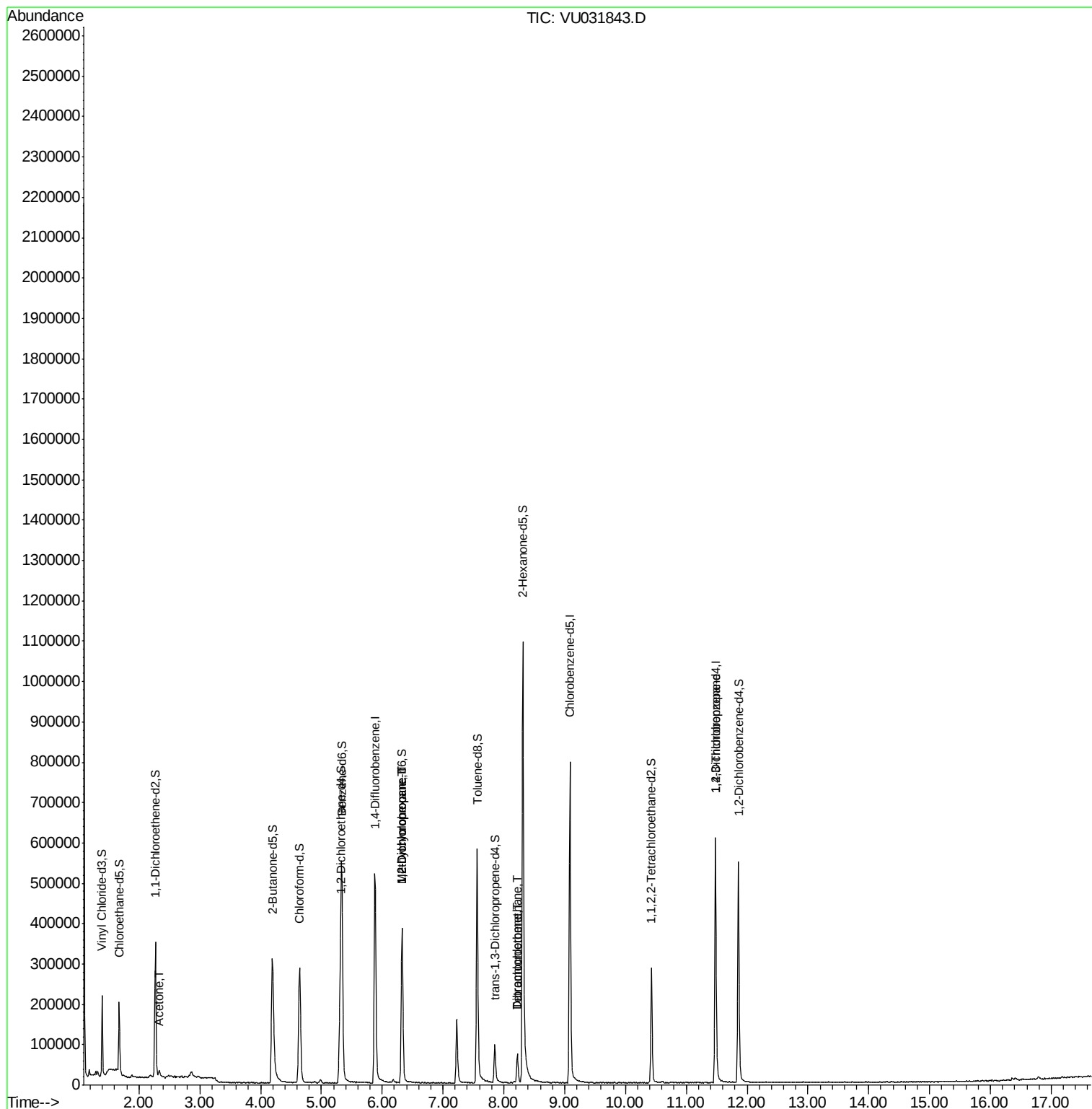
|                            |       |     |       |       | Qvalue    |
|----------------------------|-------|-----|-------|-------|-----------|
| 13) Acetone                | 2.33  | 43  | 9467  | 1.268 | ug/L 100  |
| 35) Methylcyclohexane      | 6.33  | 83  | 40042 | 0.743 | ug/L # 11 |
| 37) 1,2-Dichloropropane    | 6.32  | 63  | 19662 | 0.462 | ug/L # 94 |
| 47) Tetrachloroethene      | 8.22  | 164 | 15546 | 0.637 | ug/L 95   |
| 49) Dibromochloromethane   | 8.22  | 129 | 16653 | 0.567 | ug/L # 10 |
| 59) 1,2,3-Trichloropropane | 11.48 | 75  | 22012 | 0.873 | ug/L 89   |

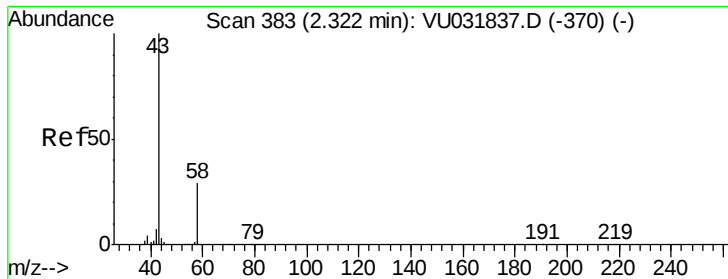
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.268 ug/L

RT: 2.33 min Scan# 387

Delta R.T. 0.01 min

Lab File: VU031843.D

Acq: 09 May 2019 00:45

Instrument :

MSVOA\_U

ClientSampleId :

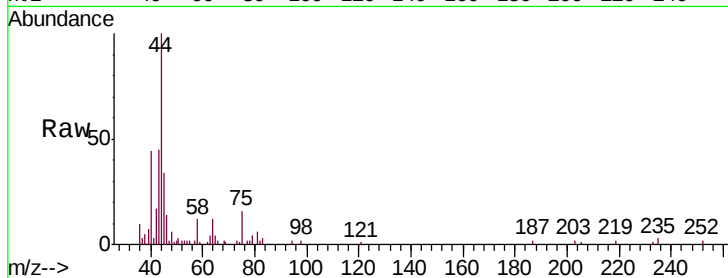
F9D04

Tgt Ion: 43 Resp: 9467

Ion Ratio Lower Upper

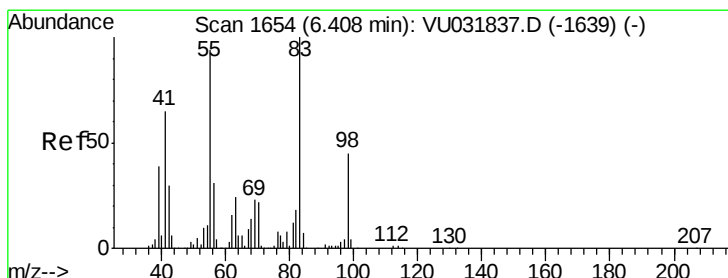
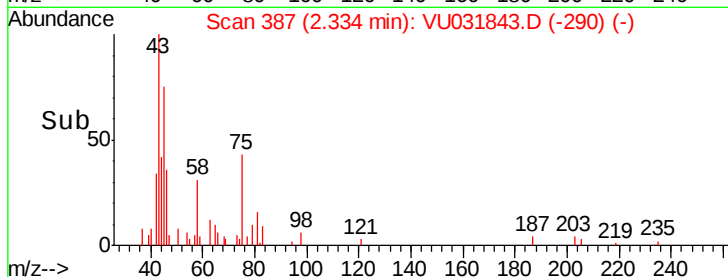
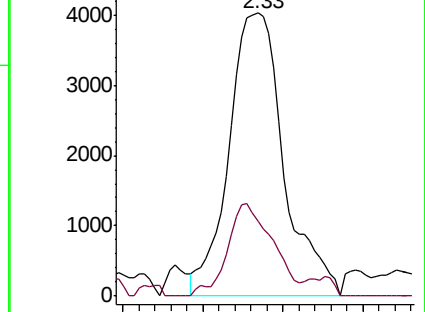
43 100

58 26.8 0.0 53.6



Abundance Ion 43.05 (42.75 to 43.75): VU031837.D (-370) (-)

Ion 58.05 (57.75 to 58.75): VU031837.D (-370) (-)



#35

Methylcyclohexane

Concen: 0.743 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU031843.D

Acq: 09 May 2019 00:45

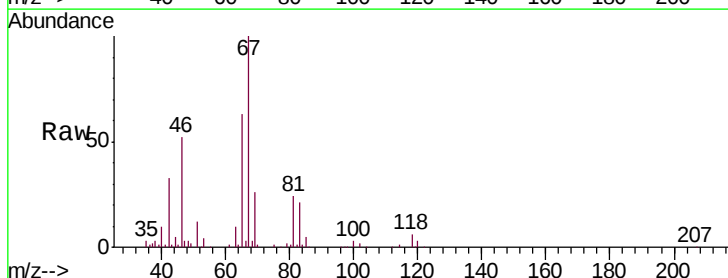
Tgt Ion: 83 Resp: 40042

Ion Ratio Lower Upper

83 100

55 0.8 79.2 118.8#

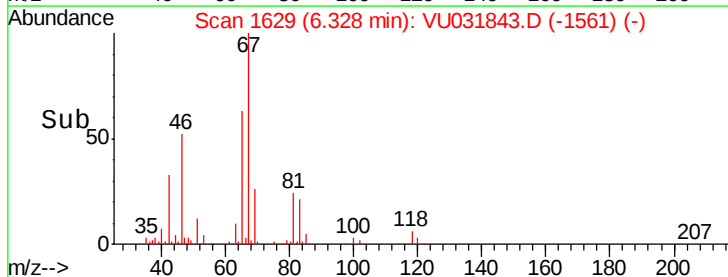
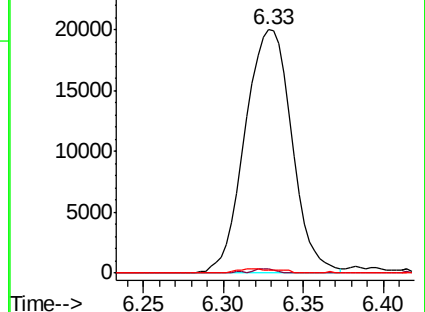
98 1.1 34.0 51.0#

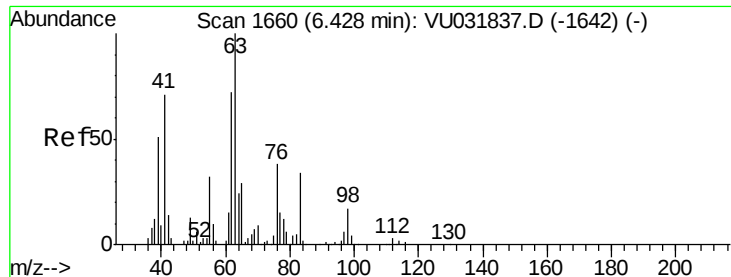


Abundance Ion 83.15 (82.85 to 83.85): VU031837.D (-1639) (-)

Ion 55.10 (54.80 to 55.80): VU031837.D (-1639) (-)

Ion 98.15 (97.85 to 98.85): VU031837.D (-1639) (-)





#37

1,2-Dichloropropane

Concen: 0.462 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU031843.D

Acq: 09 May 2019 00:45

Instrument :

MSVOA\_U

ClientSampled :

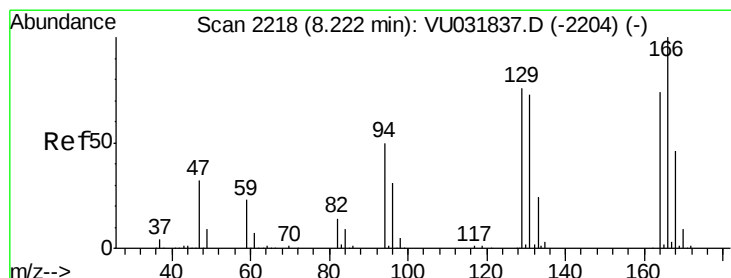
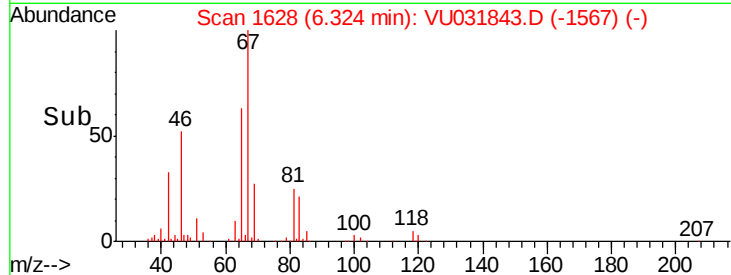
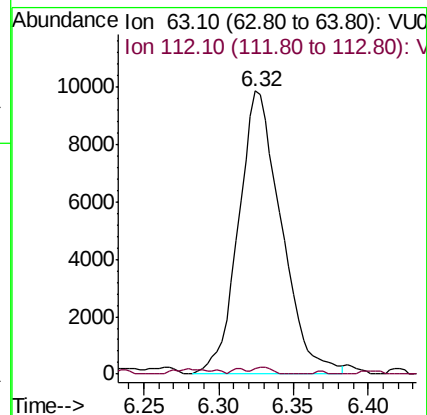
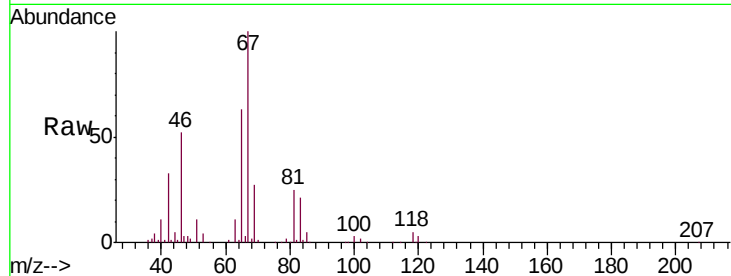
F9D04

Tgt Ion: 63 Resp: 19662

Ion Ratio Lower Upper

63 100

112 1.0 2.5 3.7#



#47

Tetrachloroethene

Concen: 0.637 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031843.D

Acq: 09 May 2019 00:45

Tgt Ion: 164 Resp: 15546

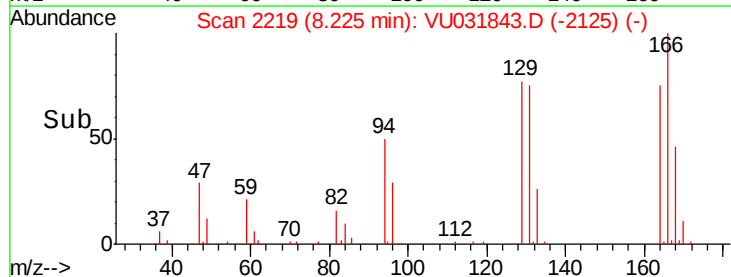
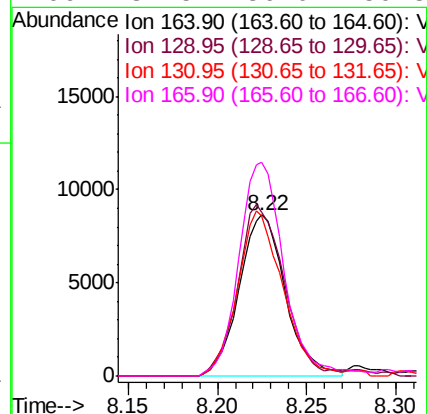
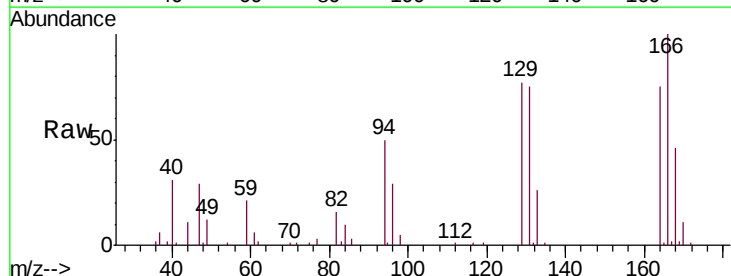
Ion Ratio Lower Upper

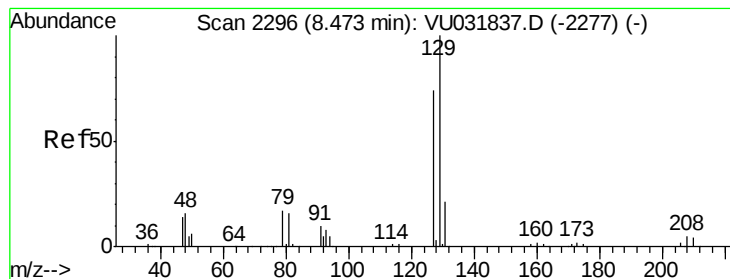
164 100

129 101.6 70.3 130.5

131 99.1 65.4 121.4

166 132.5 86.0 159.8





#49

Dibromochloromethane

Concen: 0.567 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.25 min

Lab File: VU031843.D

Acq: 09 May 2019 00:45

Instrument :

MSVOA\_U

ClientSampled :

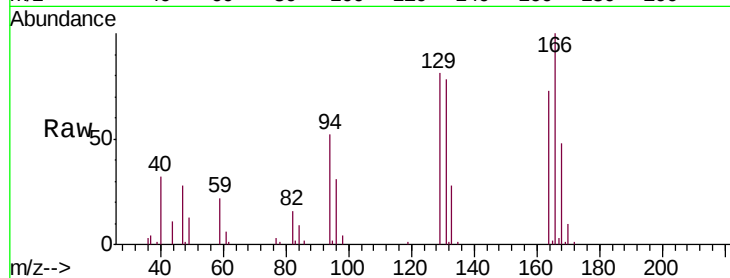
F9D04

Tgt Ion:129 Resp: 16653

Ion Ratio Lower Upper

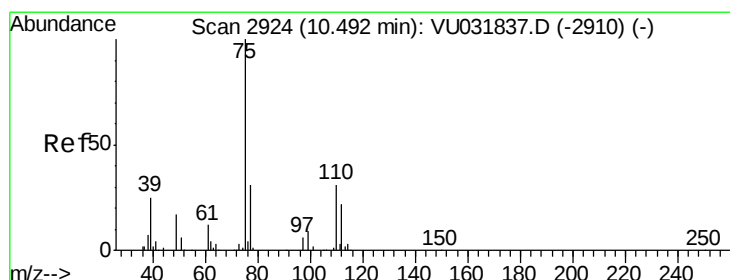
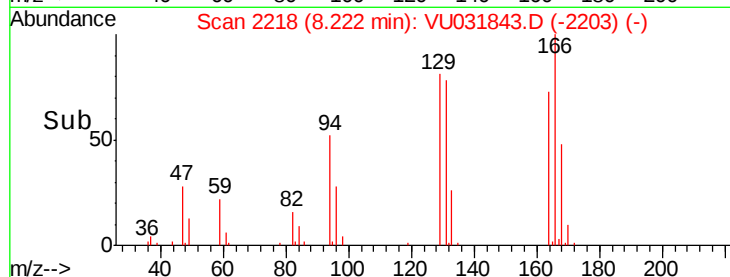
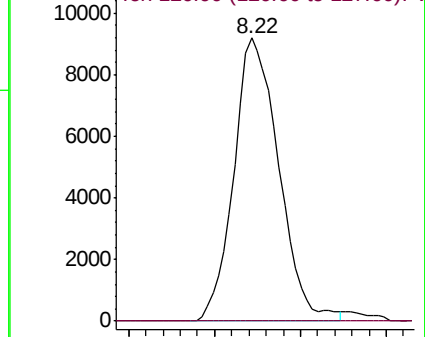
129 100

127 0.0 54.7 101.7#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#59

1,2,3-Trichloropropane

Concen: 0.873 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031843.D

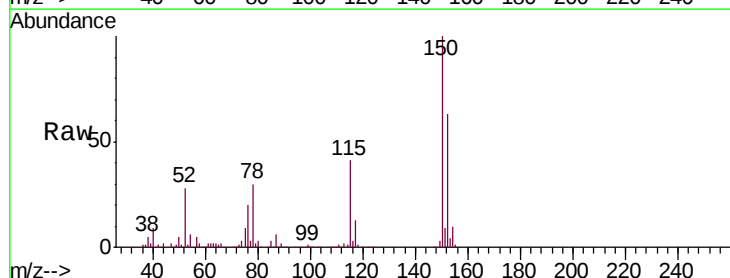
Acq: 09 May 2019 00:45

Tgt Ion: 75 Resp: 22012

Ion Ratio Lower Upper

75 100

77 39.3 26.3 39.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

