

Data File : VU031824.D  
Acq On : 08 May 2019 15:06  
Operator : JC/SP  
Sample : K2706-02  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0JP2

Quant Time: May 09 05:36:01 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  | 335710   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 330183   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 128837   | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 105472   | 4.61     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 92.20%  |
| 7) Chloroethane-d5             | 1.68   | 69    | 88475    | 4.69     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 93.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 160471   | 3.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 65.20%  |
| 20) 2-Butanone-d5              | 4.20   | 46    | 443314   | 49.63    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 99.26%  |
| 24) Chloroform-d               | 4.64   | 84    | 236395   | 5.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 100.80% |
| 26) 1,2-Dichloroethane-d4      | 5.31   | 65    | 141027   | 4.95     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 99.00%  |
| 32) Benzene-d6                 | 5.33   | 84    | 435502   | 5.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 103.00% |
| 36) 1,2-Dichloropropane-d6     | 6.32   | 67    | 155657   | 5.02     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 100.40% |
| 41) Toluene-d8                 | 7.56   | 98    | 338346   | 4.68     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 93.60%  |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 50978    | 4.68     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 93.60%  |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 272857   | 49.53    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 99.06%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 119575   | 4.94     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 98.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86  | 152   | 115998   | 5.44     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 108.80% |

#### Target Compounds

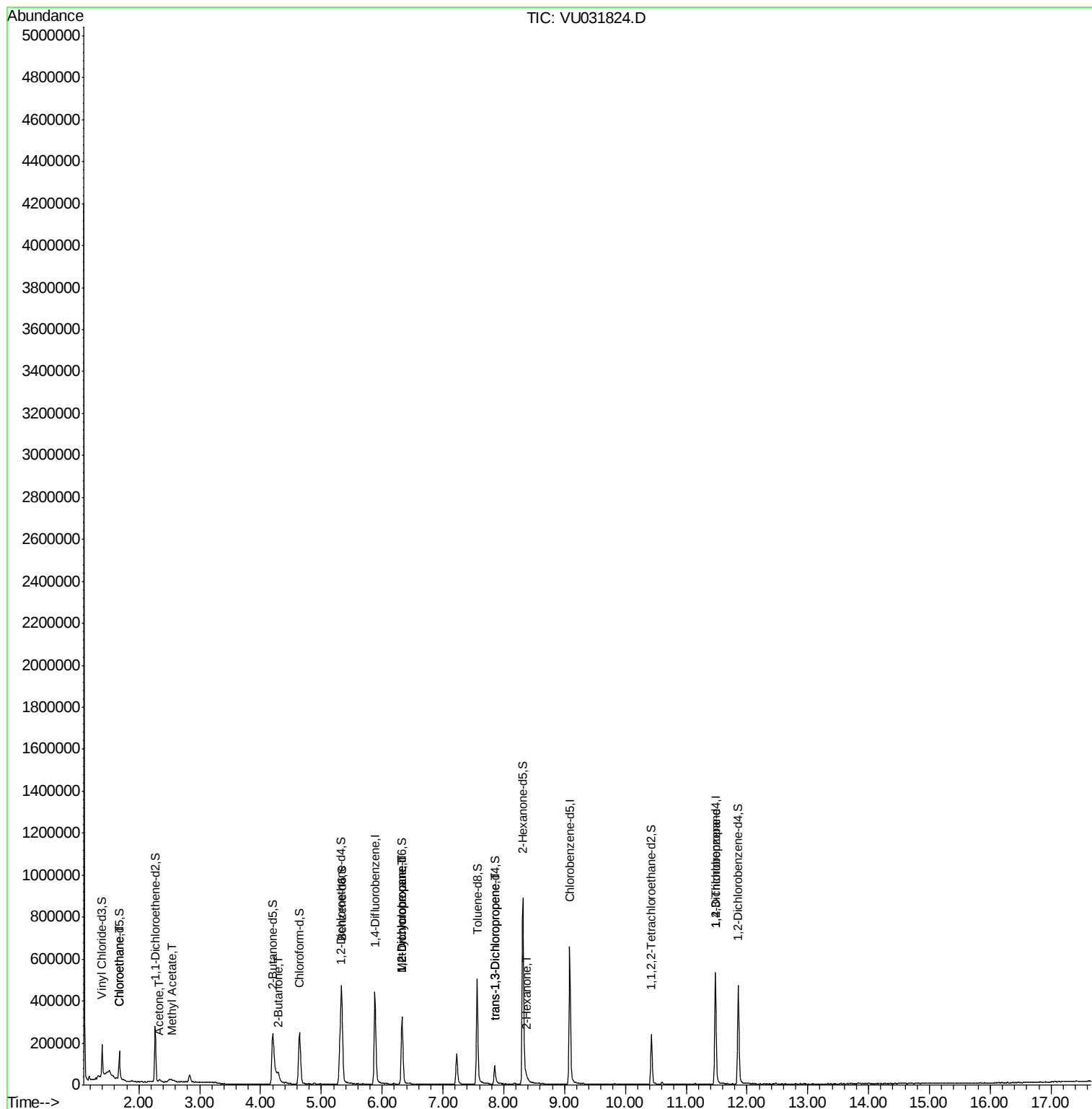
|                               |       |    |       |       | Qvalue |    |
|-------------------------------|-------|----|-------|-------|--------|----|
| 8) Chloroethane               | 1.68  | 64 | 4357  | 0.196 | ug/L # | 53 |
| 13) Acetone                   | 2.34  | 43 | 10068 | 1.650 | ug/L   | 94 |
| 15) Methyl Acetate            | 2.55  | 43 | 5549  | 0.353 | ug/L # | 64 |
| 21) 2-Butanone                | 4.29  | 43 | 72105 | 7.072 | ug/L   | 95 |
| 35) Methylcyclohexane         | 6.33  | 83 | 34323 | 0.823 | ug/L # | 11 |
| 37) 1,2-Dichloropropane       | 6.33  | 63 | 17063 | 0.518 | ug/L # | 91 |
| 44) trans-1,3-Dichloropropene | 7.85  | 75 | 2645  | 0.081 | ug/L # | 82 |
| 48) 2-Hexanone                | 8.38  | 43 | 20530 | 1.303 | ug/L # | 65 |
| 59) 1,2,3-Trichloropropane    | 11.48 | 75 | 19072 | 0.978 | ug/L # | 87 |

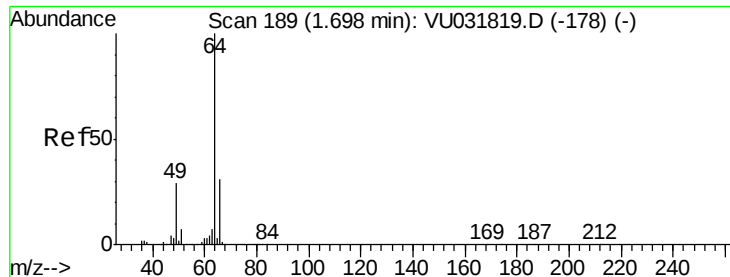
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0  
QLast Update : Thu May 09 05:32:34 2019  
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.196 ug/L

RT: 1.68 min Scan# 184

Delta R.T. -0.02 min

Lab File: VU031824.D

Acq: 08 May 2019 15:06

Instrument :

MSVOA\_U

ClientSampleId :

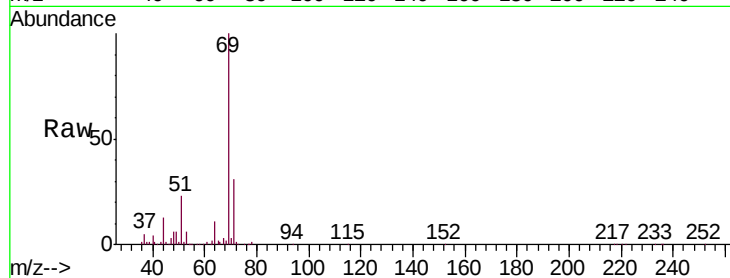
C0JP2

Tgt Ion: 64 Resp: 4357

Ion Ratio Lower Upper

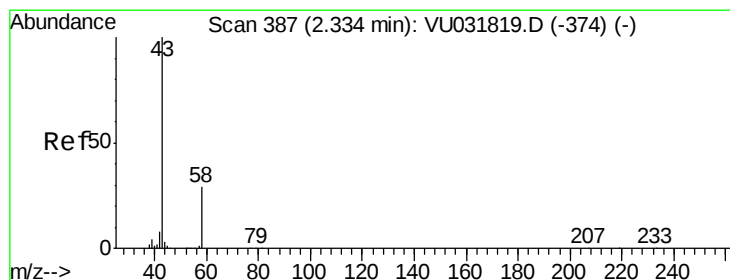
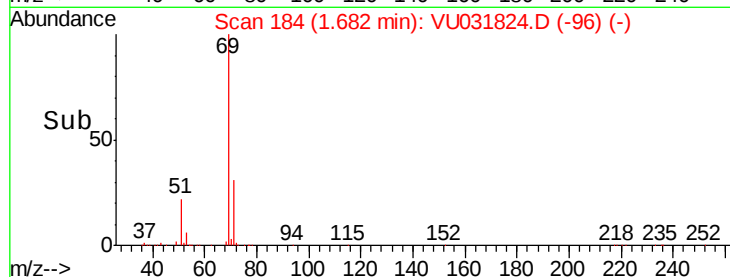
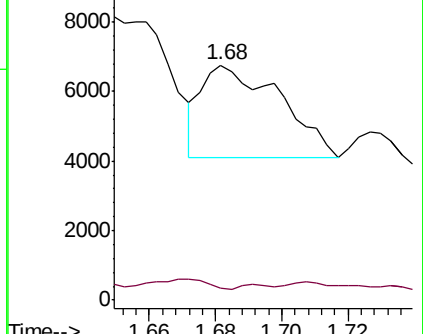
64 100

66 5.3 21.9 40.7#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0



#13

Acetone

Concen: 1.650 ug/L

RT: 2.34 min Scan# 388

Delta R.T. 0.00 min

Lab File: VU031824.D

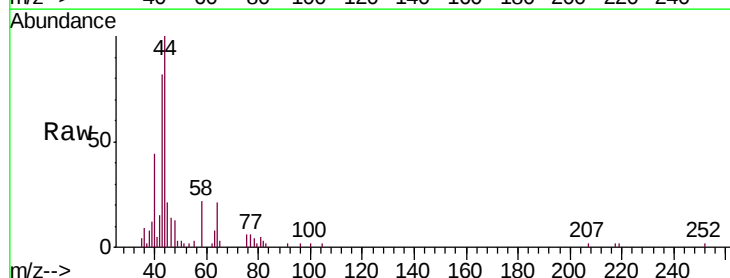
Acq: 08 May 2019 15:06

Tgt Ion: 43 Resp: 10068

Ion Ratio Lower Upper

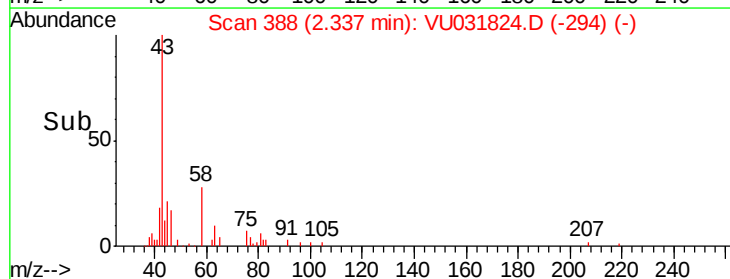
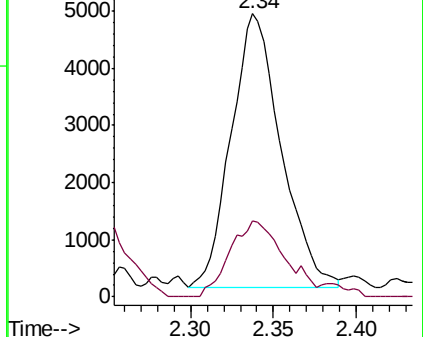
43 100

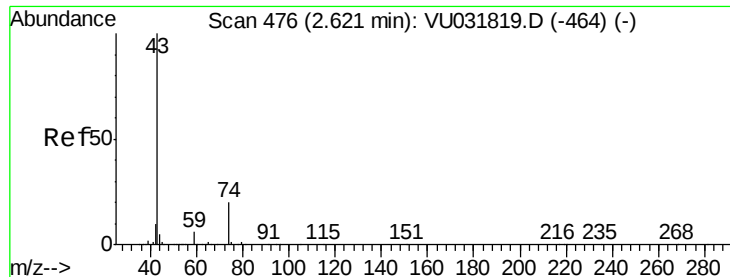
58 30.0 0.0 53.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

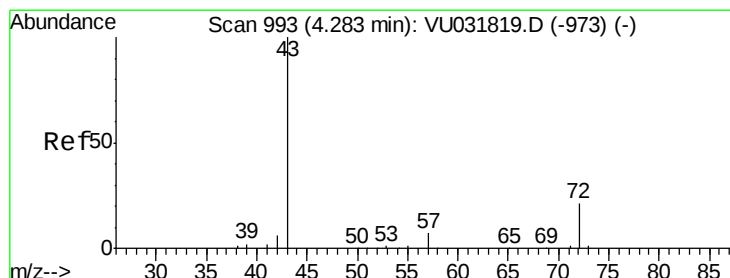
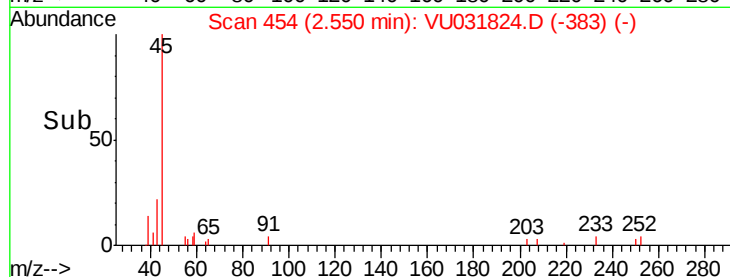
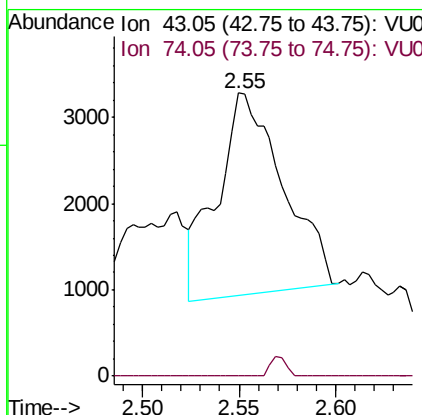
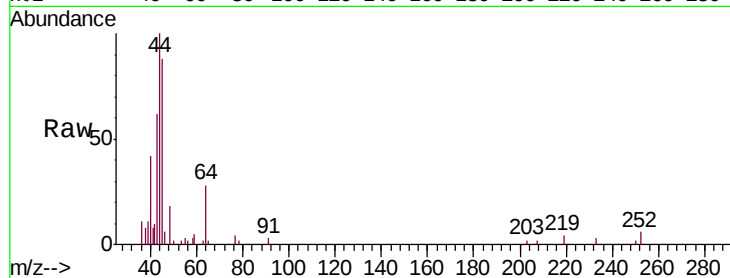




#15  
Methyl Acetate  
Concen: 0.353 ug/L  
RT: 2.55 min Scan# 454  
Delta R.T. -0.07 min  
Lab File: VU031824.D  
Acq: 08 May 2019 15:06

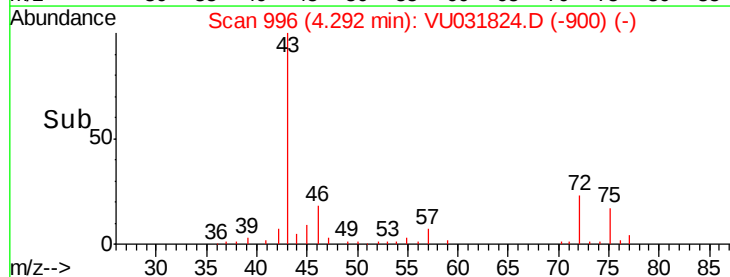
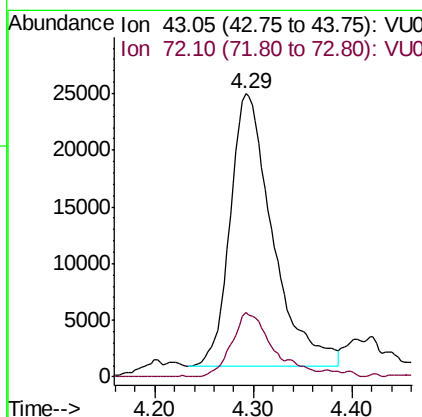
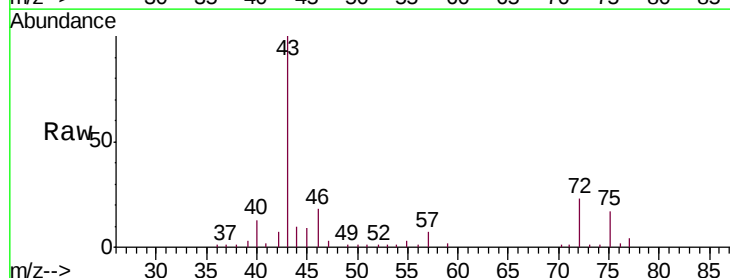
Instrument :  
MSVOA\_U  
ClientSampleId :  
C0JP2

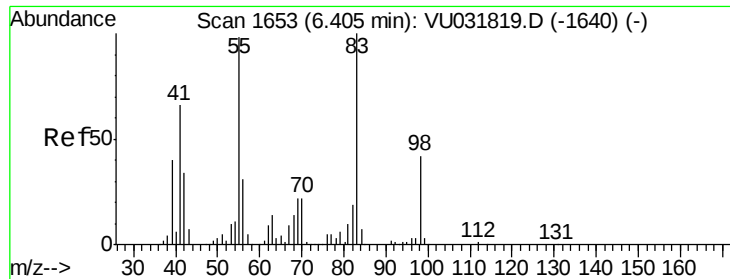
Tgt Ion: 43 Resp: 5549  
Ion Ratio Lower Upper  
43 100  
74 2.3 14.7 22.1#



#21  
2-Butanone  
Concen: 7.072 ug/L  
RT: 4.29 min Scan# 996  
Delta R.T. 0.01 min  
Lab File: VU031824.D  
Acq: 08 May 2019 15:06

Tgt Ion: 43 Resp: 72105  
Ion Ratio Lower Upper  
43 100  
72 22.9 10.4 31.1





#35

Methylcyclohexane

Concen: 0.823 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU031824.D

Acq: 08 May 2019 15:06

Instrument :

MSVOA\_U

ClientSampleId :

C0JP2

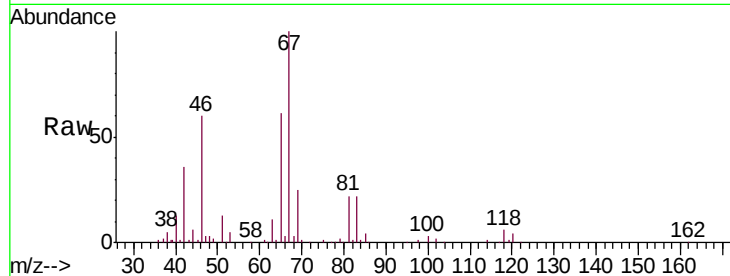
Tgt Ion: 83 Resp: 34323

Ion Ratio Lower Upper

83 100

55 0.1 79.2 118.8#

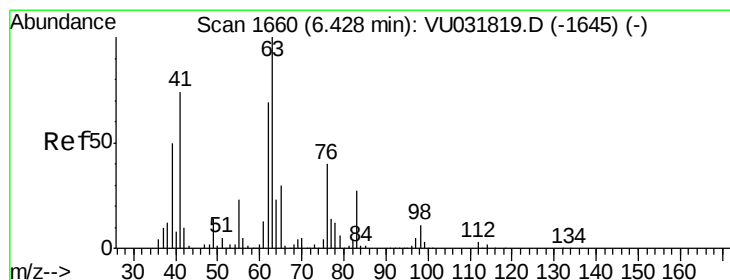
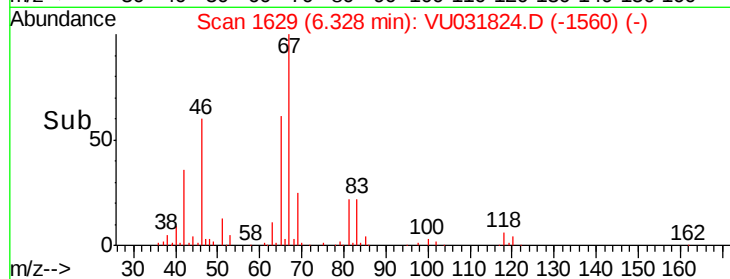
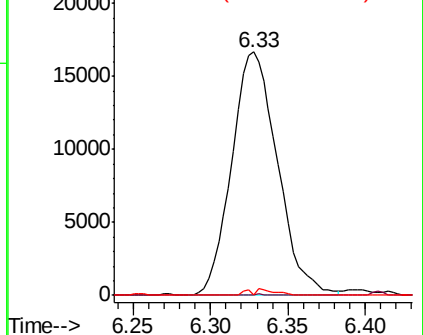
98 1.0 34.0 51.0#



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: 0.518 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU031824.D

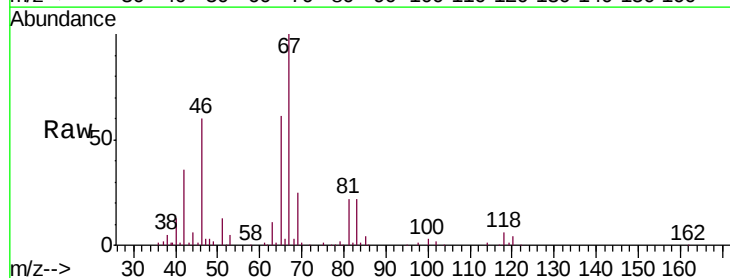
Acq: 08 May 2019 15:06

Tgt Ion: 63 Resp: 17063

Ion Ratio Lower Upper

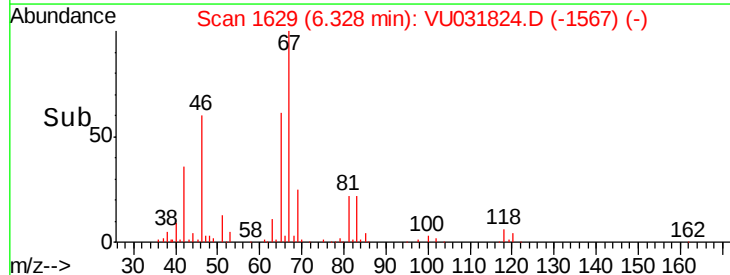
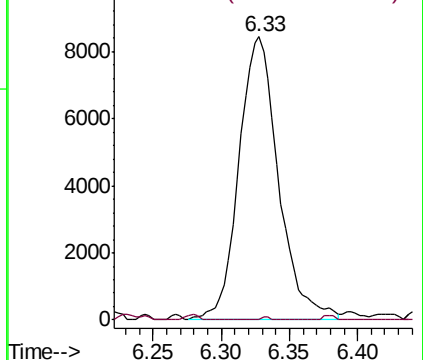
63 100

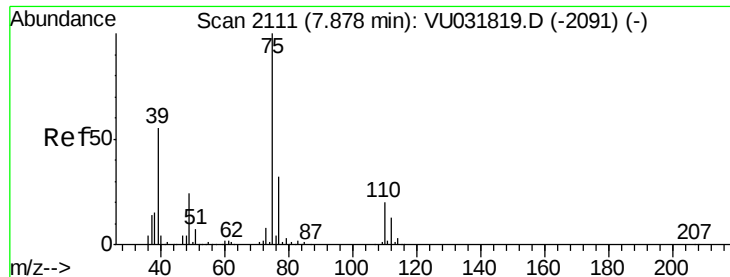
112 0.2 2.5 3.7#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V





#44

trans-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.03 min

Lab File: VU031824.D

Acq: 08 May 2019 15:06

Instrument :

MSVOA\_U

ClientSampled :

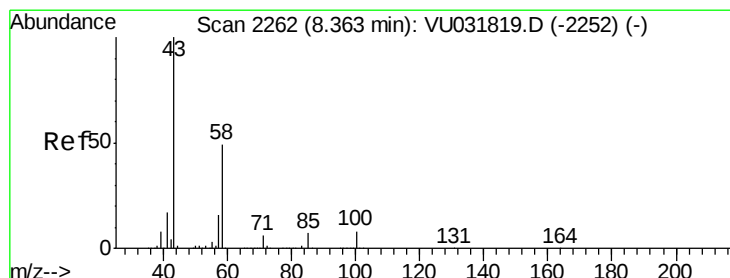
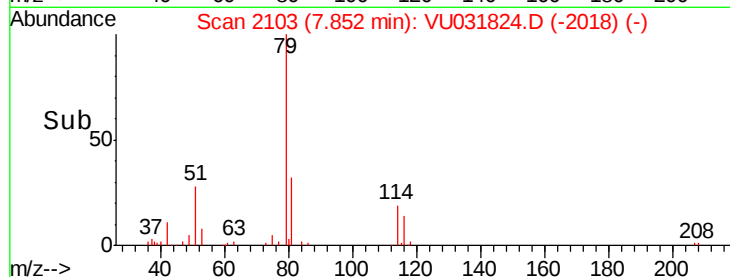
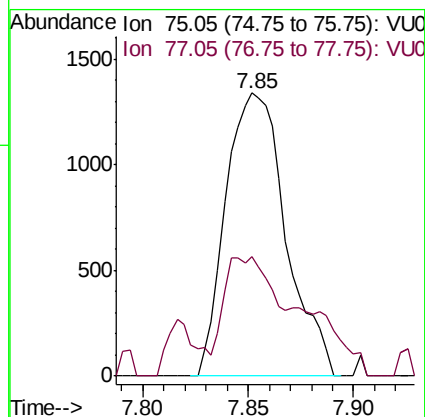
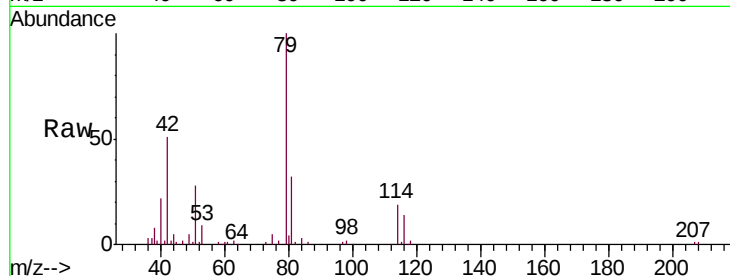
C0JP2

Tgt Ion: 75 Resp: 2645

Ion Ratio Lower Upper

75 100

77 42.1 22.3 41.3#



#48

2-Hexanone

Concen: 1.303 ug/L

RT: 8.38 min Scan# 2267

Delta R.T. 0.02 min

Lab File: VU031824.D

Acq: 08 May 2019 15:06

Tgt Ion: 43 Resp: 20530

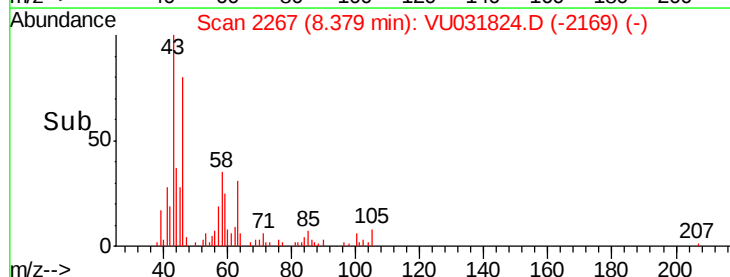
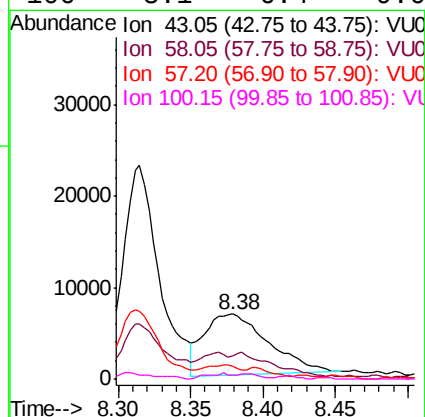
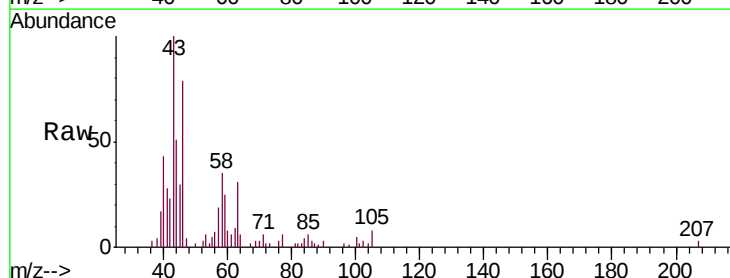
Ion Ratio Lower Upper

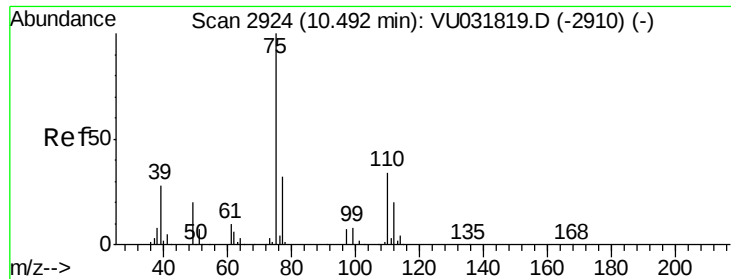
43 100

58 22.3 40.2 60.2#

57 5.2 13.8 20.6#

100 3.1 6.4 9.6#





#59

1,2,3-Trichloropropane

Concen: 0.978 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031824.D

Acq: 08 May 2019 15:06

Instrument :

MSVOA\_U

ClientSampleId :

C0JP2

Tgt Ion: 75 Resp: 19072

Ion Ratio Lower Upper

75 100

77 40.2 26.3 39.5#

