

Data File : VU033081.D  
Acq On : 28 Jun 2019 19:31  
Operator : JC/SP  
Sample : K3597-01  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
GAM60

Quant Time: Jun 29 01:03:03 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR062719WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Sat Jun 29 00:59:26 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 87737    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.08  | 117  | 90260    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 43651    | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 18374    | 3.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 63.00%  |
| 7) Chloroethane-d5             | 1.68   | 69    | 18501    | 3.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 77.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 31832    | 2.51     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 50.20%# |
| 20) 2-Butanone-d5              | 4.19   | 46    | 90285    | 50.92    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 101.84% |
| 24) Chloroform-d               | 4.64   | 84    | 48925    | 4.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 80.80%  |
| 26) 1,2-Dichloroethane-d4      | 5.30   | 65    | 29955    | 4.32     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 86.40%  |
| 32) Benzene-d6                 | 5.33   | 84    | 86829    | 3.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 77.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.32   | 67    | 30416    | 4.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 83.80%  |
| 41) Toluene-d8                 | 7.56   | 98    | 73575    | 3.42     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 68.40%# |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 11557    | 3.80     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 76.00%  |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 58637    | 46.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 92.82%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 28248    | 4.50     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 90.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.85  | 152   | 37448    | 4.53     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 90.60%  |

#### Target Compounds

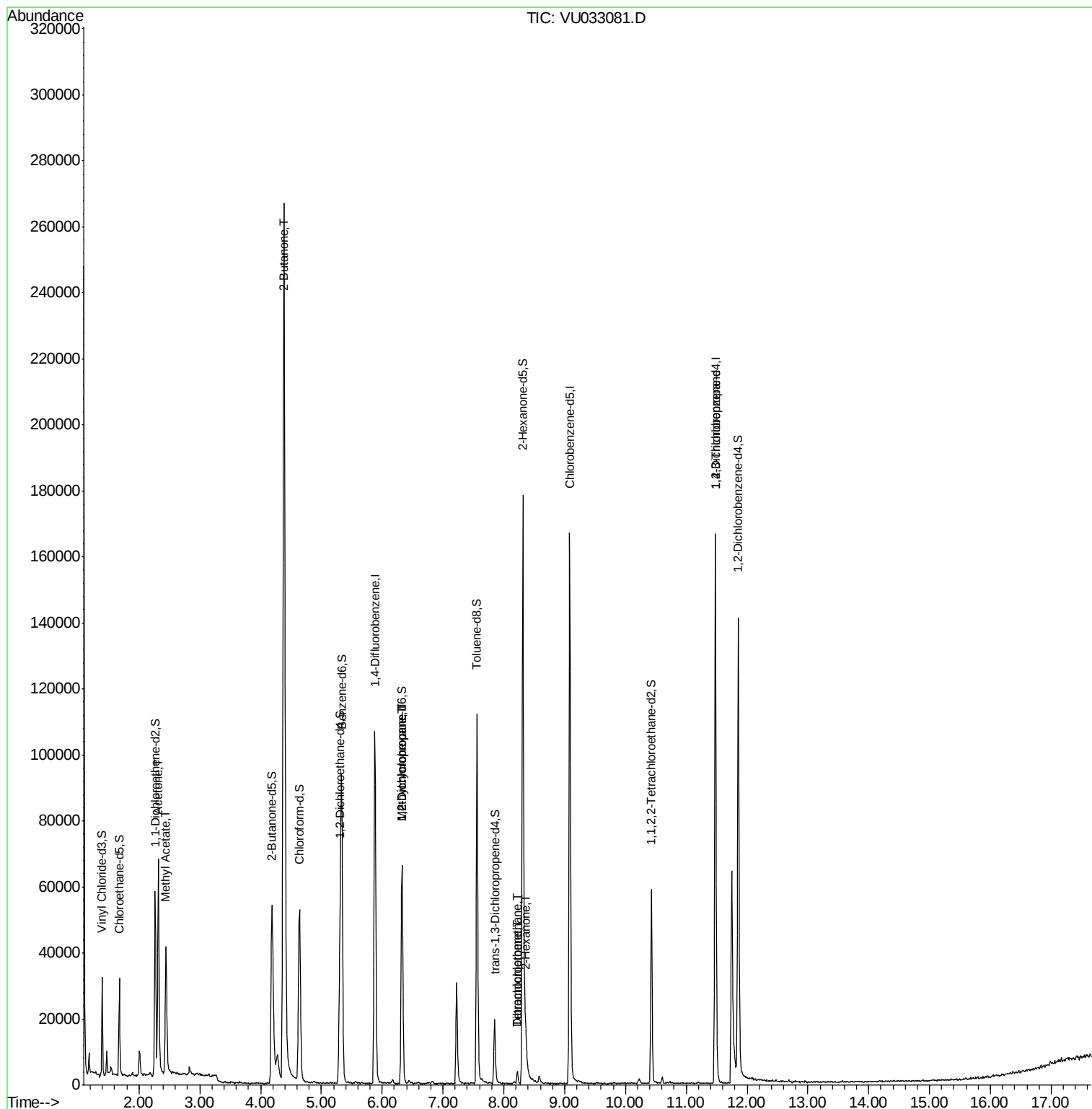
|                            |       |     |        |         |        | Qvalue |
|----------------------------|-------|-----|--------|---------|--------|--------|
| 13) Acetone                | 2.32  | 43  | 68724  | 45.998  | ug/L   | 97     |
| 15) Methyl Acetate         | 2.45  | 43  | 9001   | 2.604   | ug/L # | 56     |
| 21) 2-Butanone             | 4.39  | 43  | 394424 | 187.540 | ug/L # | 53     |
| 35) Methylcyclohexane      | 6.32  | 83  | 7138   | 0.658   | ug/L # | 16     |
| 37) 1,2-Dichloropropane    | 6.32  | 63  | 3797   | 0.532   | ug/L # | 87     |
| 47) Tetrachloroethene      | 8.22  | 164 | 775    | 0.132   | ug/L   | 88     |
| 48) 2-Hexanone             | 8.36  | 43  | 7291   | 2.071   | ug/L # | 88     |
| 49) Dibromochloromethane   | 8.22  | 129 | 784    | 0.123   | ug/L # | 11     |
| 59) 1,2,3-Trichloropropane | 11.48 | 75  | 5638   | 1.181   | ug/L   | 90     |

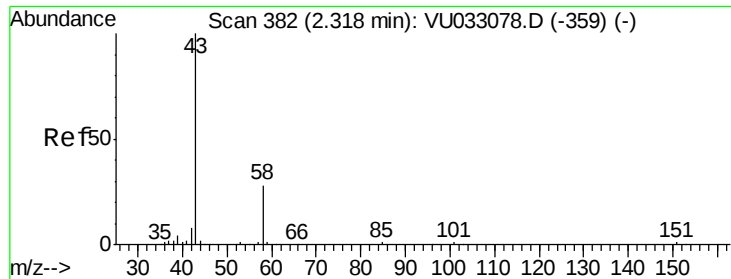
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 45.998 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU033081.D

Acq: 28 Jun 2019 19:31

Instrument :

MSVOA\_U

ClientSampleId :

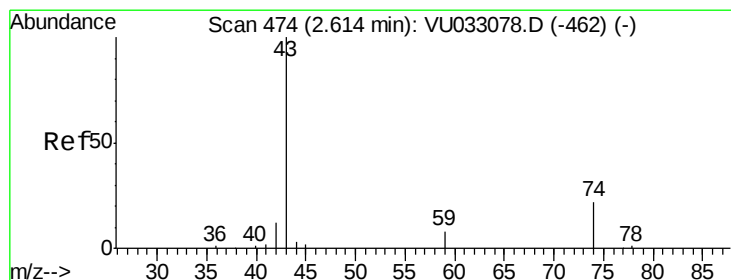
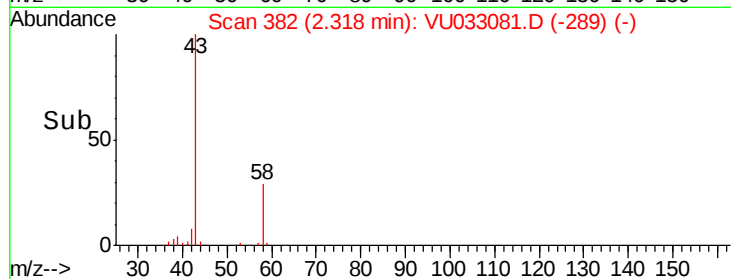
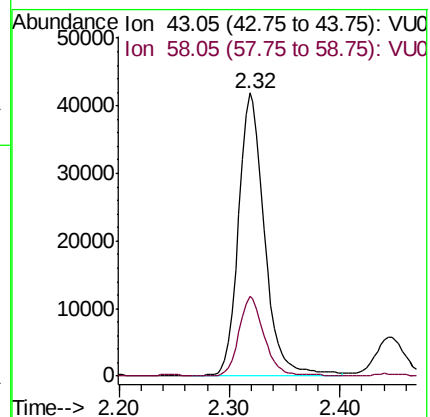
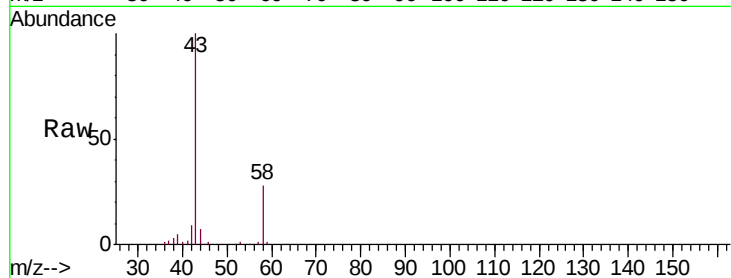
GAM60

Tgt Ion: 43 Resp: 68724

Ion Ratio Lower Upper

43 100

58 27.6 0.0 51.8



#15

Methyl Acetate

Concen: 2.604 ug/L

RT: 2.45 min Scan# 422

Delta R.T. -0.17 min

Lab File: VU033081.D

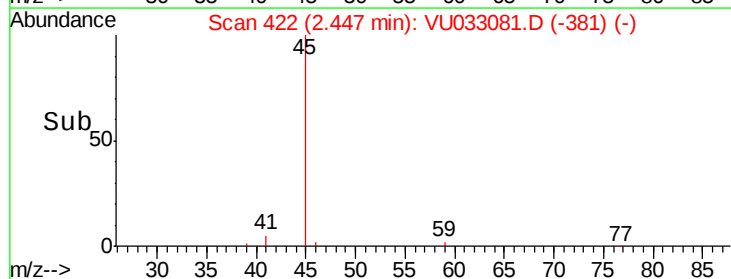
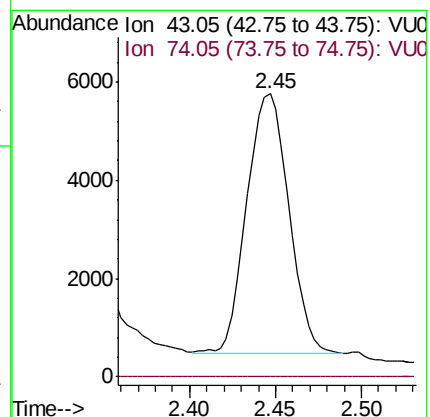
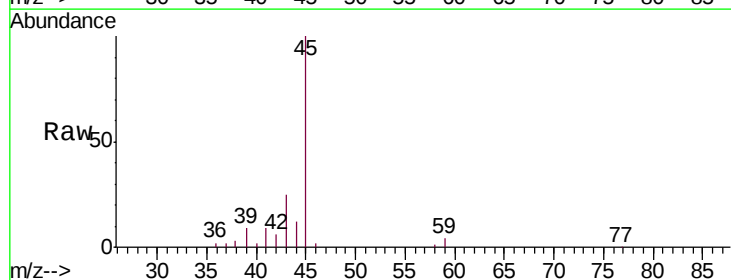
Acq: 28 Jun 2019 19:31

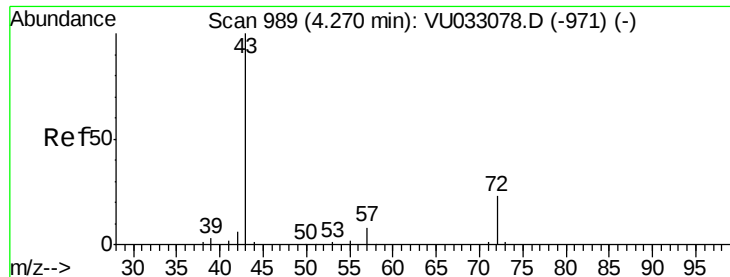
Tgt Ion: 43 Resp: 9001

Ion Ratio Lower Upper

43 100

74 0.0 16.1 24.1#

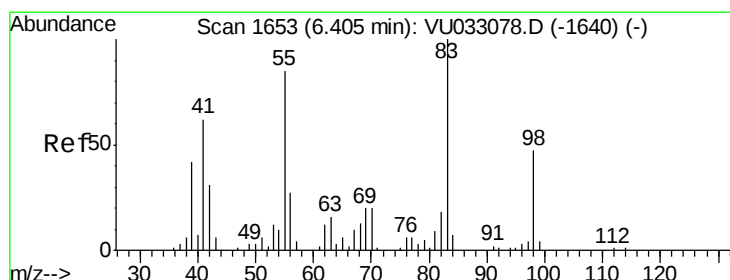
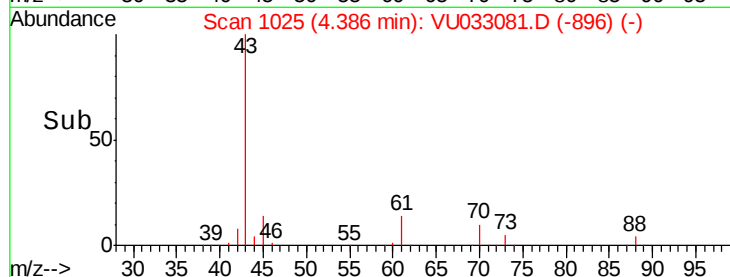
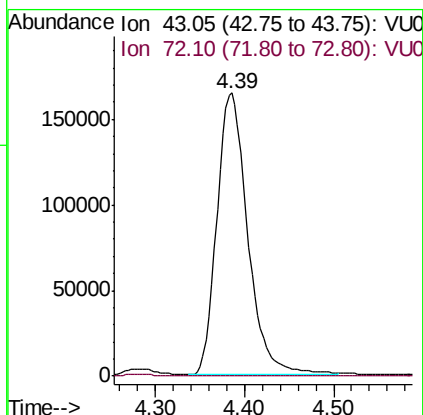
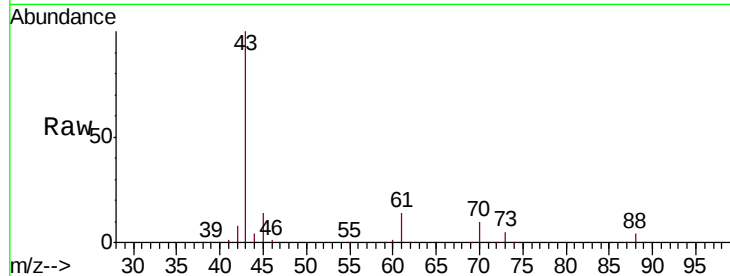




#21  
2-Butanone  
Concen: 187.540 ug/L  
RT: 4.39 min Scan# 1025  
Delta R.T. 0.12 min  
Lab File: VU033081.D  
Acq: 28 Jun 2019 19:31

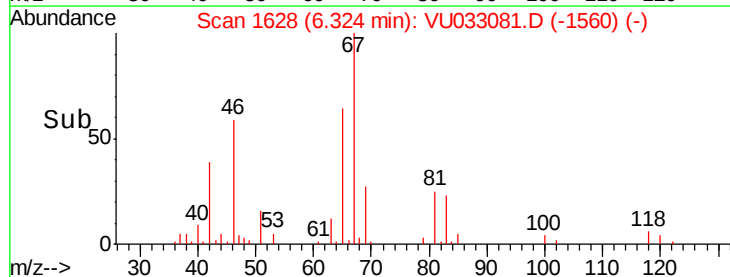
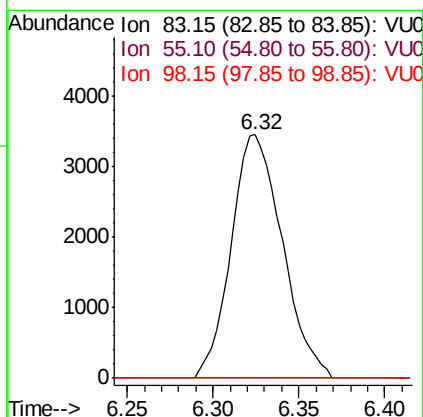
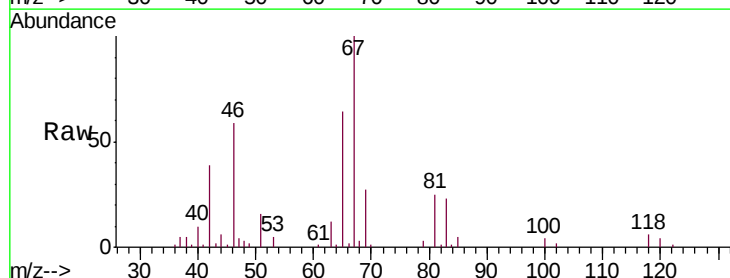
Instrument :  
MSVOA\_U  
ClientSampled :  
GAM60

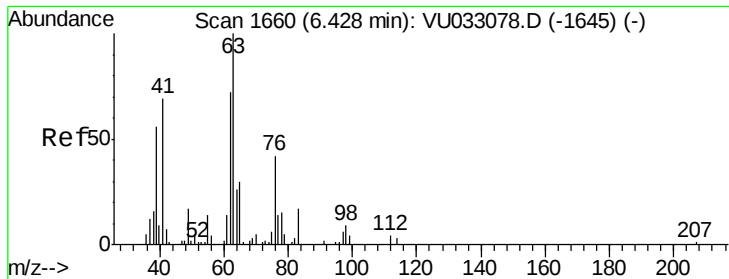
Tgt Ion: 43 Resp: 394424  
Ion Ratio Lower Upper  
43 100  
72 0.1 11.5 34.5#



#35  
Methylcyclohexane  
Concen: 0.658 ug/L  
RT: 6.32 min Scan# 1628  
Delta R.T. -0.08 min  
Lab File: VU033081.D  
Acq: 28 Jun 2019 19:31

Tgt Ion: 83 Resp: 7138  
Ion Ratio Lower Upper  
83 100  
55 0.0 67.0 100.4#  
98 1.6 37.7 56.5#





#37

1,2-Dichloropropane

Concen: 0.532 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU033081.D

Acq: 28 Jun 2019 19:31

Instrument :

MSVOA\_U

ClientSampleId :

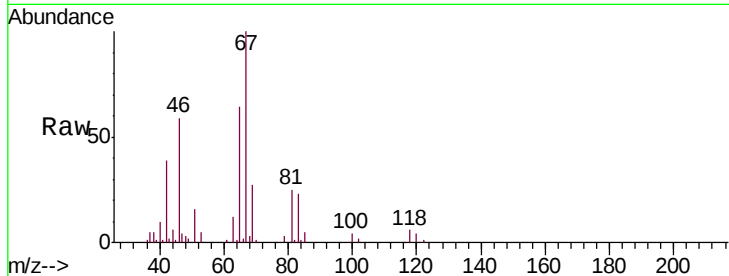
GAM60

Tgt Ion: 63 Resp: 3797

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VU033078.D (-1645) (-)

Ion 112.10 (111.80 to 112.80): VU033078.D (-1645) (-)

6.32

2000

1500

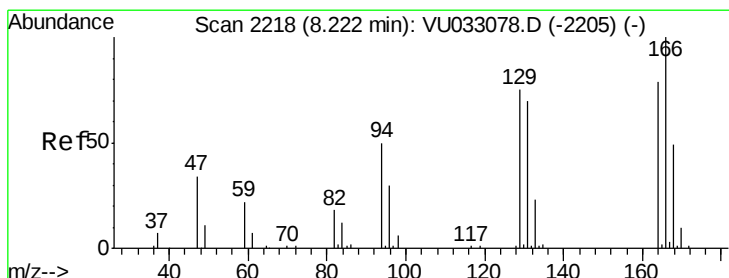
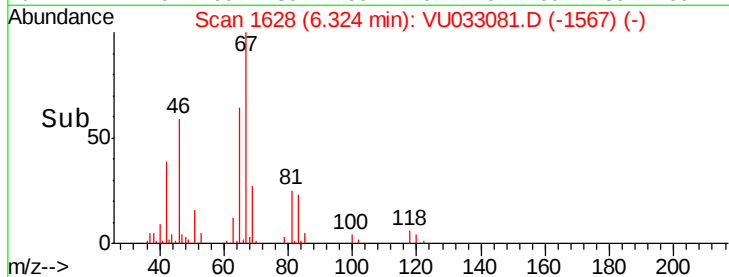
1000

500

0

6.30 6.35 6.40

Time-->



#47

Tetrachloroethene

Concen: 0.132 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU033081.D

Acq: 28 Jun 2019 19:31

Tgt Ion: 164 Resp: 775

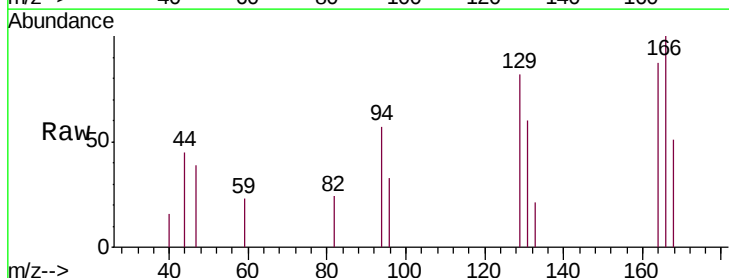
Ion Ratio Lower Upper

164 100

129 94.3 64.9 120.5

131 68.5 63.5 117.9

166 114.3 89.1 165.5



Abundance Ion 163.90 (163.60 to 164.60): VU033078.D (-2205) (-)

Ion 128.95 (128.65 to 129.65): VU033078.D (-2205) (-)

Ion 130.95 (130.65 to 131.65): VU033078.D (-2205) (-)

Ion 165.90 (165.60 to 166.60): VU033078.D (-2205) (-)

8.22

1000

800

600

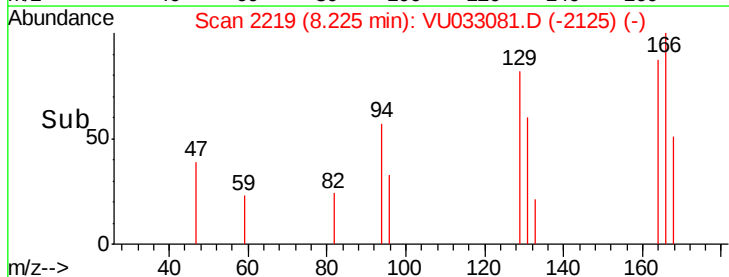
400

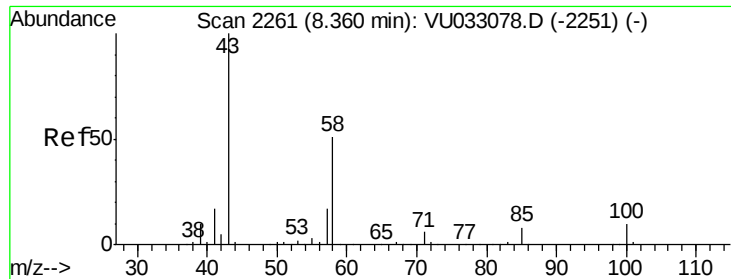
200

0

8.18 8.20 8.22 8.24 8.26

Time-->

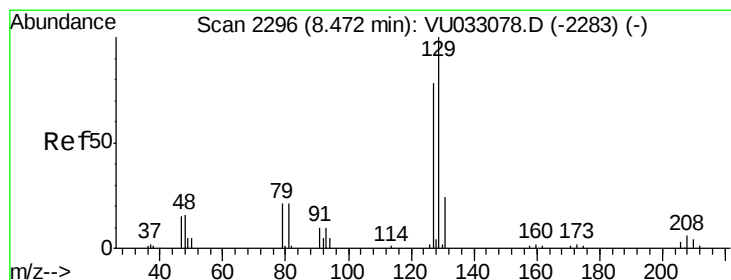
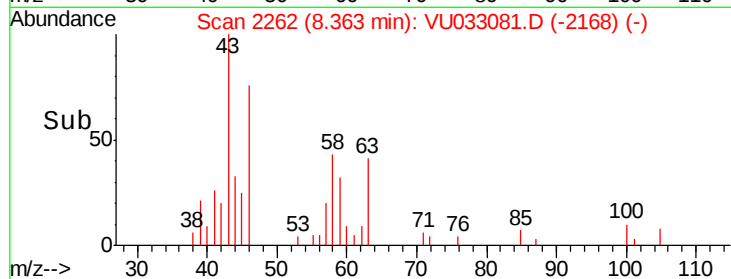
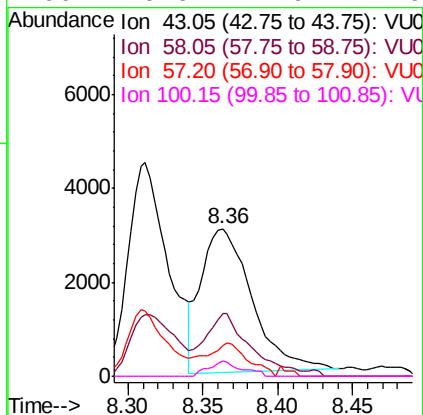
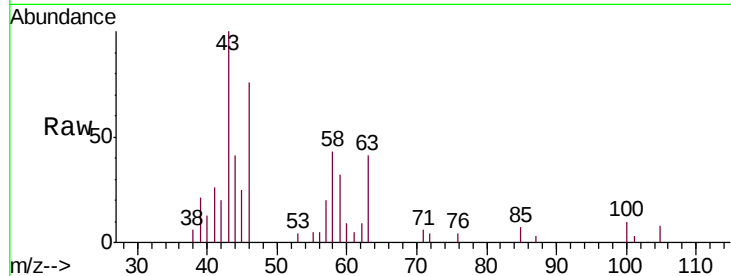




#48  
2-Hexanone  
Concen: 2.071 ug/L  
RT: 8.36 min Scan# 2262  
Delta R.T. 0.00 min  
Lab File: VU033081.D  
Acq: 28 Jun 2019 19:31

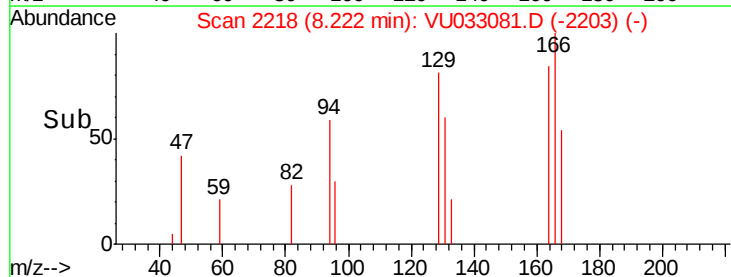
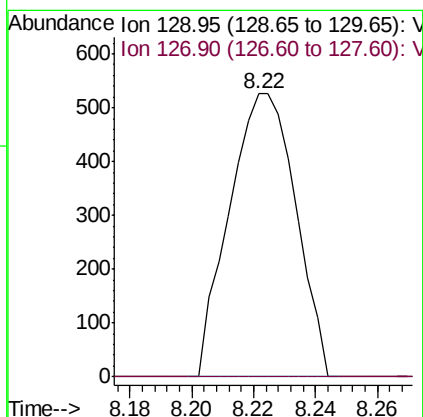
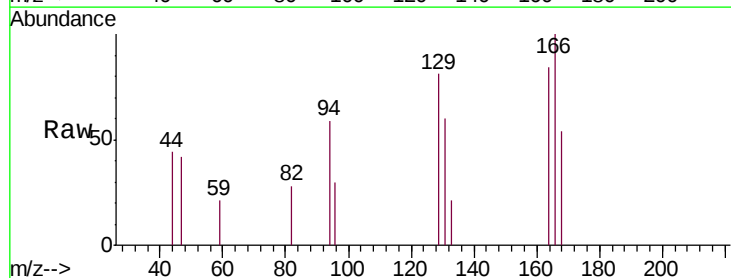
Instrument :  
MSVOA\_U  
ClientSampled :  
GAM60

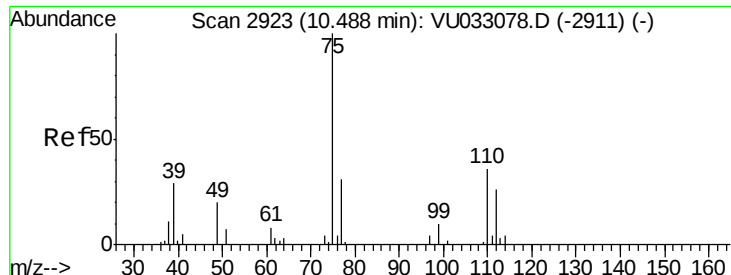
Tgt Ion: 43 Resp: 7291  
Ion Ratio Lower Upper  
43 100  
58 39.3 40.0 60.0#  
57 18.2 14.0 21.0  
100 6.6 7.9 11.9#



#49  
Dibromochloromethane  
Concen: 0.123 ug/L  
RT: 8.22 min Scan# 2218  
Delta R.T. -0.25 min  
Lab File: VU033081.D  
Acq: 28 Jun 2019 19:31

Tgt Ion: 129 Resp: 784  
Ion Ratio Lower Upper  
129 100  
127 0.0 54.0 100.4#





#59

1,2,3-Trichloropropane

Concen: 1.181 ug/L

RT: 11.48 min Scan# 3230

Delta R.T. 0.99 min

Lab File: VU033081.D

Acq: 28 Jun 2019 19:31

Instrument :

MSVOA\_U

ClientSampleId :

GAM60

Tgt Ion: 75 Resp: 5638

Ion Ratio Lower Upper

75 100

77 37.2 25.4 38.2

