

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041019\  
 Data File : VU030995.D  
 Acq On : 10 Apr 2019 07:33  
 Operator : JC/SP  
 Sample : K2290-13  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 50 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BEZK1

Quant Time: Apr 10 08:31:39 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR032919WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Apr 10 08:26:32 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 219098   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 227555   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 86766    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 63463    | 3.79     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 75.80%  |
| 7) Chloroethane-d5             | 1.68   | 69    | 63292    | 4.69     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 93.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 101602   | 2.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 59.20%# |
| 20) 2-Butanone-d5              | 4.19   | 46    | 262576   | 60.86    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 121.72% |
| 24) Chloroform-d               | 4.64   | 84    | 119949   | 4.22     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 84.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.31   | 65    | 80764    | 5.36     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 107.20% |
| 32) Benzene-d6                 | 5.33   | 84    | 243002   | 4.01     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 80.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.33   | 67    | 90546    | 4.50     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 90.00%  |
| 41) Toluene-d8                 | 7.56   | 98    | 177859   | 3.32     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 66.40%# |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 27993    | 3.75     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 75.00%  |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 155532   | 47.92    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 95.84%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 78381    | 5.45     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 109.00% |
| 64) 1,2-Dichlorobenzene-d4     | 11.86  | 152   | 71032    | 4.89     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 97.80%  |

## Target Compounds

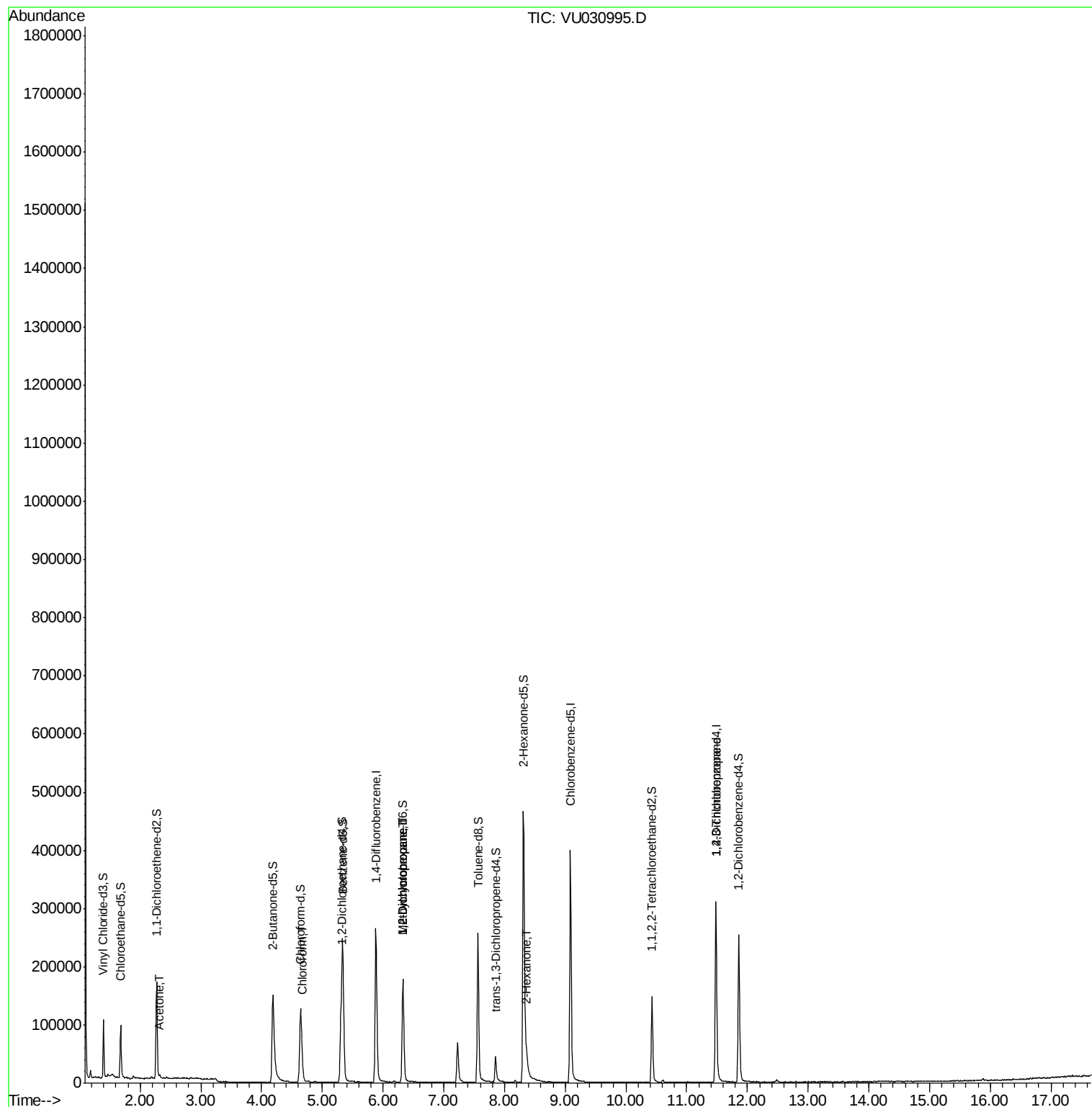
|                            |       |    |       |       | Ovalue    |
|----------------------------|-------|----|-------|-------|-----------|
| 13) Acetone                | 2.32  | 43 | 5863  | 1.758 | ug/L 97   |
| 25) Chloroform             | 4.67  | 83 | 17862 | 0.549 | ug/L 100  |
| 35) Methylcyclohexane      | 6.32  | 83 | 19770 | 0.643 | ug/L # 14 |
| 37) 1,2-Dichloropropane    | 6.33  | 63 | 9928  | 0.469 | ug/L # 90 |
| 48) 2-Hexanone             | 8.37  | 43 | 18713 | 2.044 | ug/L # 63 |
| 59) 1,2,3-Trichloropropane | 11.48 | 75 | 11203 | 0.946 | ug/L # 87 |

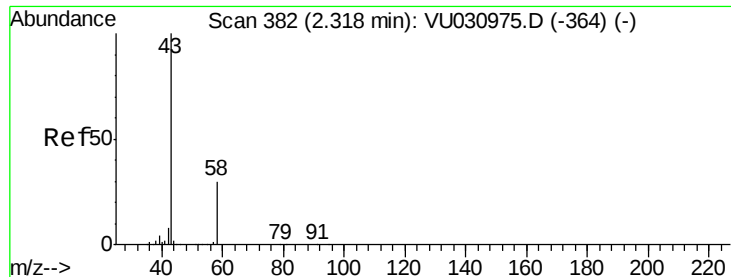
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 10 08:26:32 2019  
Response via : Initial Calibration





#13

Acetone

Concen: 1.758 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU030995.D

Acq: 10 Apr 2019 07:33

Instrument :

MSVOA\_U

ClientSampleId :

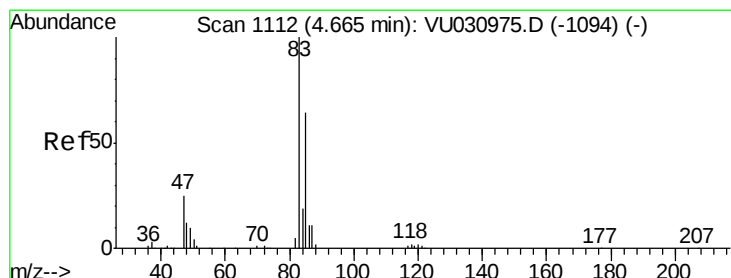
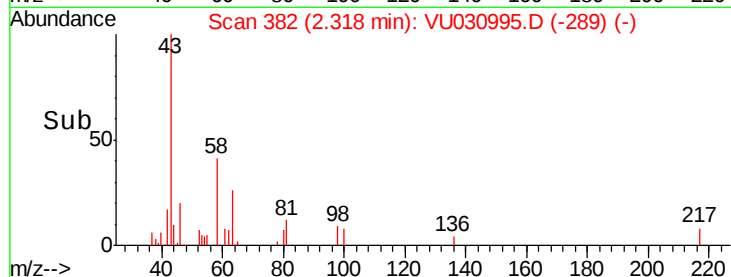
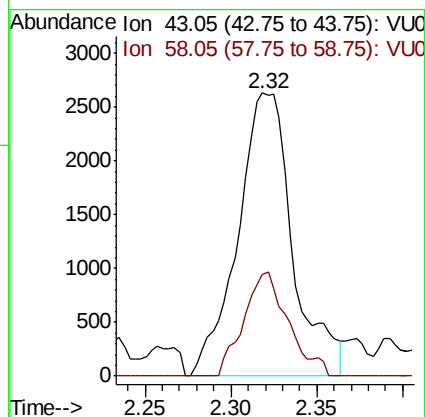
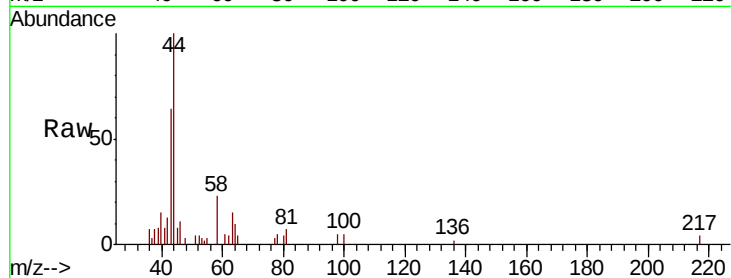
BEZK1

Tot Ion: 43 Resp: 5863

Ion Ratio Lower Upper

43 100

58 29.6 0.0 62.8



#25

Chloroform

Concen: 0.549 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VU030995.D

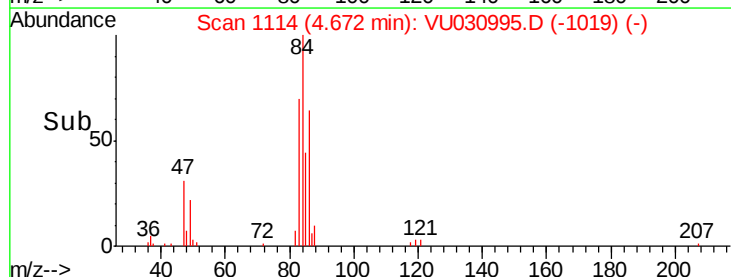
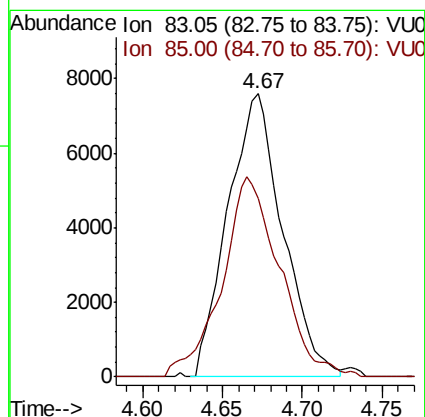
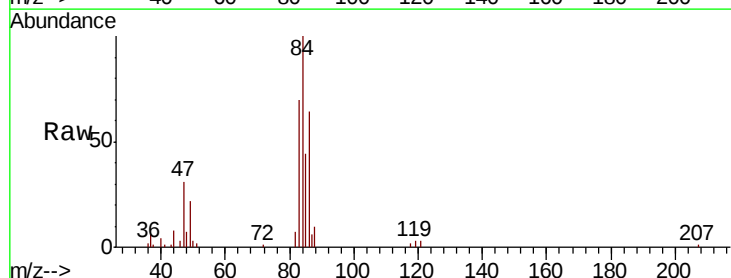
Acq: 10 Apr 2019 07:33

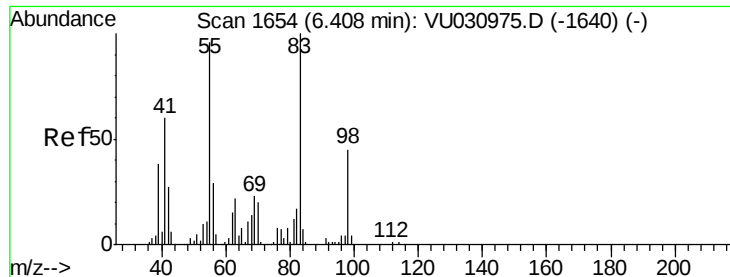
Tgt Ion: 83 Resp: 17862

Ion Ratio Lower Upper

83 100

85 62.9 44.2 82.2

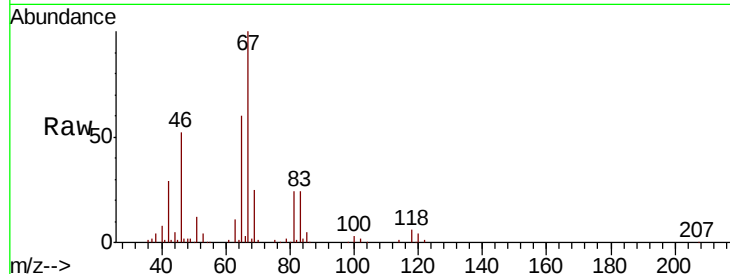




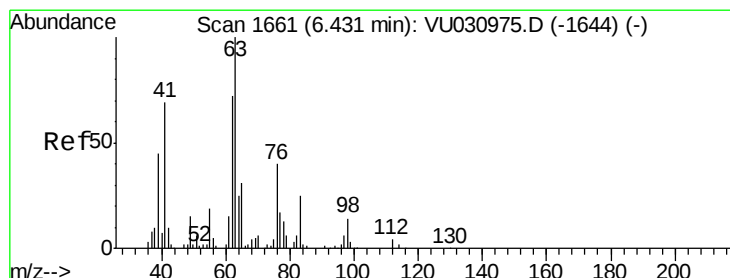
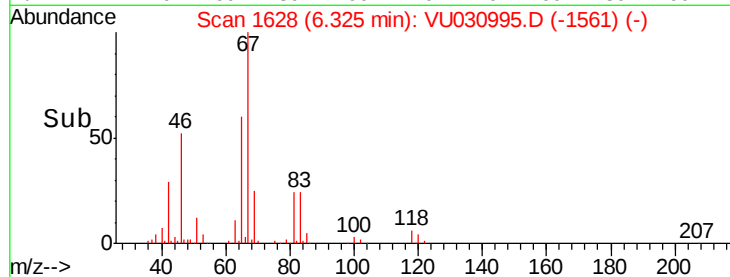
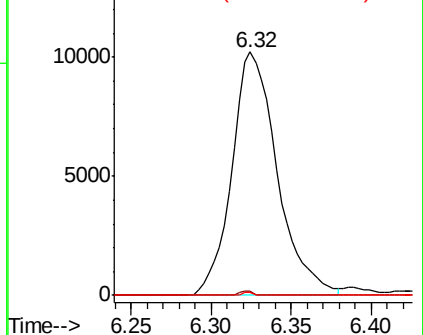
#35  
Methvlcvclohexane  
Concen: 0.643 ug/L  
RT: 6.32 min Scan# 1628  
Delta R.T. -0.08 min  
Lab File: VU030995.D  
Acq: 10 Apr 2019 07:33

Instrument :  
MSVOA\_U  
ClientSampleId :  
BEZK1

Tot Ion: 83 Resp: 19770  
Ion Ratio Lower Upper  
83 100  
55 0.5 72.6 108.8#  
98 0.3 35.0 52.6#

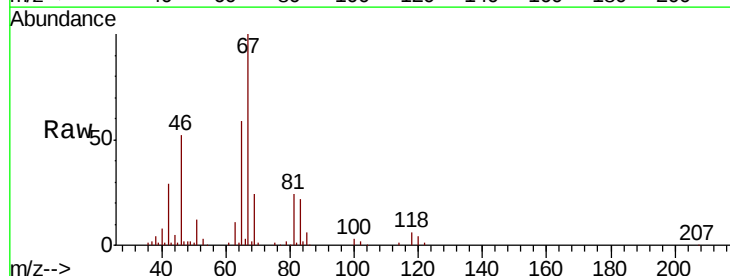


Abundance Ion 83.15 (82.85 to 83.85): VU0  
Ion 55.10 (54.80 to 55.80): VU0  
Ion 98.15 (97.85 to 98.85): VU0

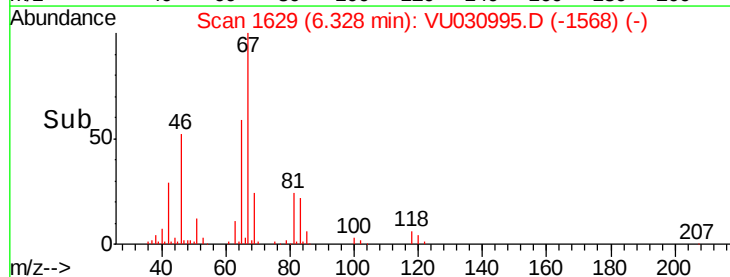
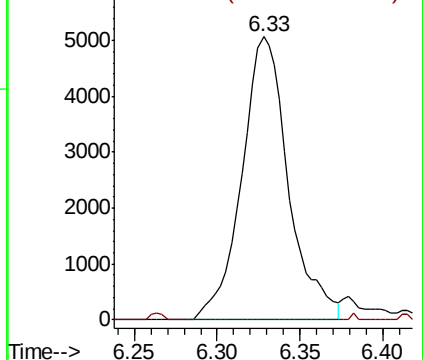


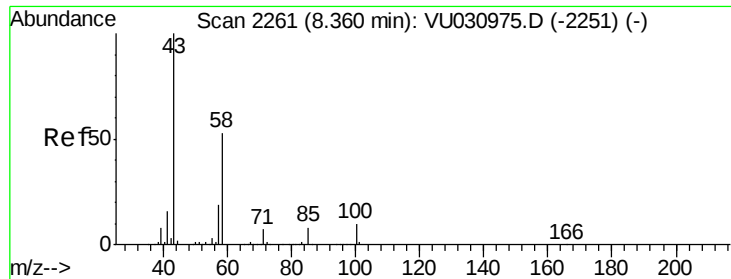
#37  
1,2-Dichloropropane  
Concen: 0.469 ug/L  
RT: 6.33 min Scan# 1629  
Delta R.T. -0.10 min  
Lab File: VU030995.D  
Acq: 10 Apr 2019 07:33

Tgt Ion: 63 Resp: 9928  
Ion Ratio Lower Upper  
63 100  
112 0.3 2.8 4.2#



Abundance Ion 63.10 (62.80 to 63.80): VU0  
Ion 112.10 (111.80 to 112.80): V

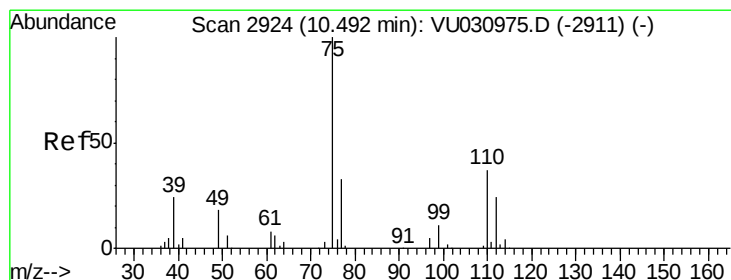
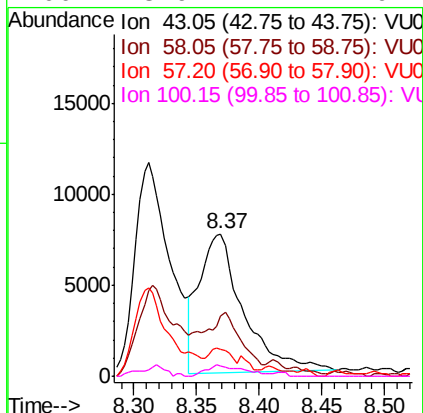
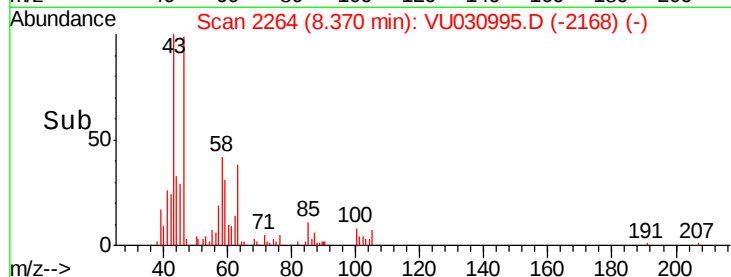
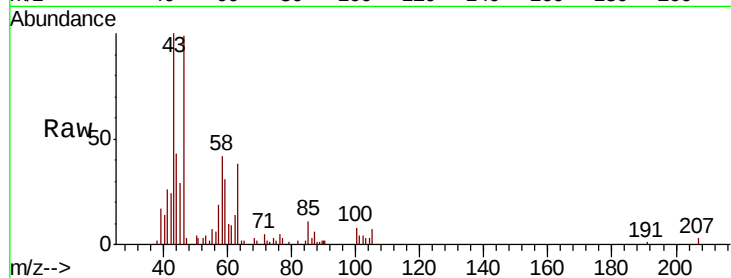




#48  
2-Hexanone  
Concen: 2.044 ug/L  
RT: 8.37 min Scan# 2264  
Delta R.T. 0.01 min  
Lab File: VU030995.D  
Acq: 10 Apr 2019 07:33

Instrument :  
MSVOA\_U  
ClientSampleId :  
BEZK1

Tot Ion: 43 Resp: 18713  
Ion Ratio Lower Upper  
43 100  
58 18.6 42.5 63.7#  
57 11.5 13.9 20.9#  
100 3.9 7.1 10.7#



#59  
1,2,3-Trichloropropane  
Concen: 0.946 ug/L  
RT: 11.48 min Scan# 3232  
Delta R.T. 0.99 min  
Lab File: VU030995.D  
Acq: 10 Apr 2019 07:33

Tgt Ion: 75 Resp: 11203  
Ion Ratio Lower Upper  
75 100  
77 39.5 25.6 38.4#

