

Data File : VU030836.D
Acq On : 07 Apr 2019 05:19
Operator : JC/SP
Sample : K2299-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB6Y5

Quant Time: Apr 08 07:10:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 07:03:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	460361	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	464802	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	188358	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	212761	51.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.54%
7) Chloroethane-d5	1.68	69	165426	53.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.08%
11) 1,1-Dichloroethene-d2	2.27	63	289781	38.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.98%
21) 2-Butanone-d5	4.17	46	329440	101.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.15%
24) Chloroform-d	4.64	84	310158	49.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.82%
26) 1,2-Dichloroethane-d4	5.31	65	225486	52.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.28%
32) Benzene-d6	5.34	84	651100	47.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.96%
36) 1,2-Dichloropropane-d6	6.33	67	232529	50.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.00%
41) Toluene-d8	7.56	98	562145	46.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.48%
43) trans-1,3-Dichloropropene-	7.85	79	92177	43.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.94%
47) 2-Hexanone-d5	8.31	63	193282	90.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.94%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	298242	47.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.10%
64) 1,2-Dichlorobenzene-d4	11.86	152	187905	50.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.46%

Target Compounds

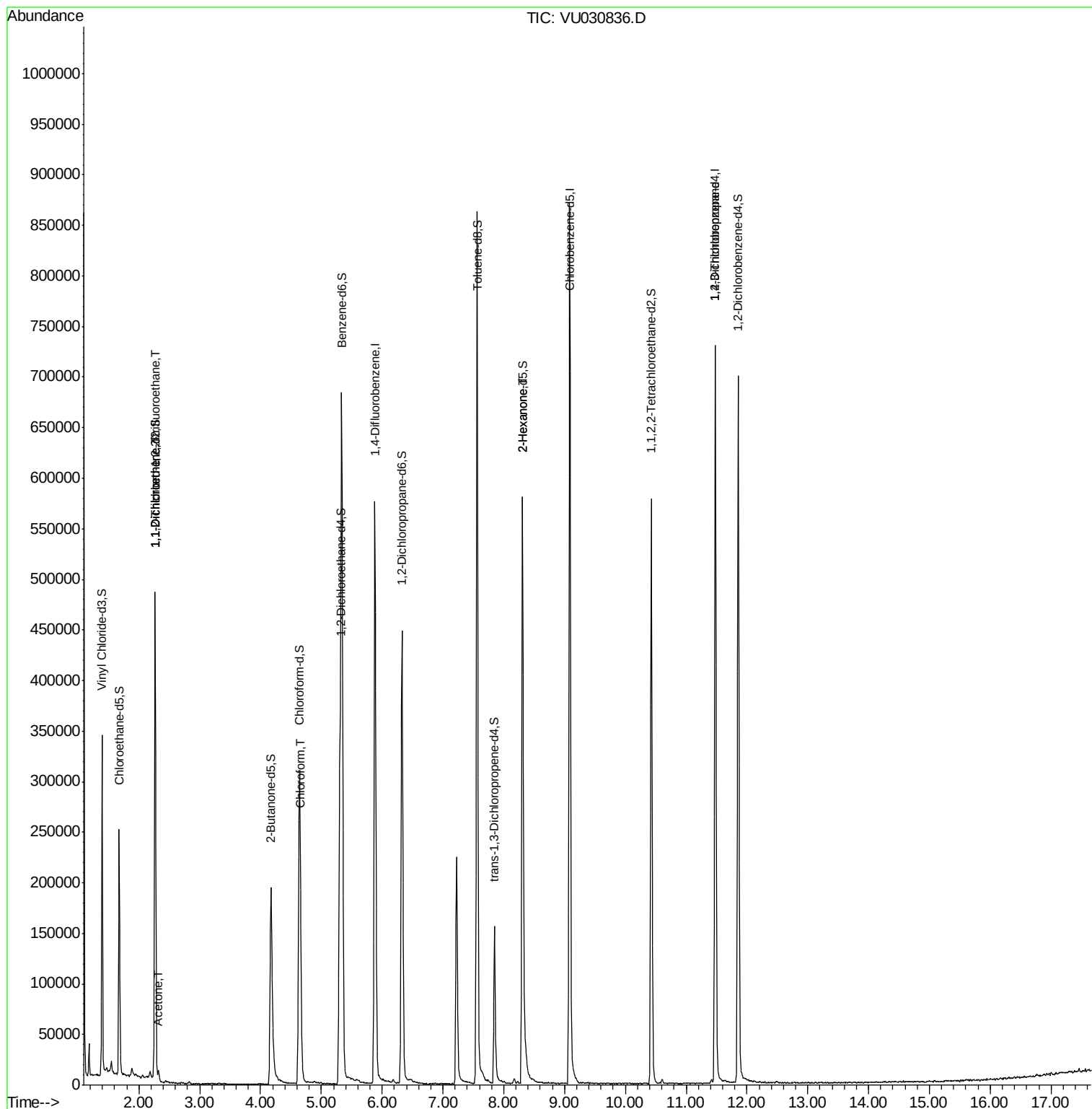
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2500	0.758 ug/L #	21
12) 1,1-Dichloroethene	2.27	96	2185	0.687 ug/L #	1
13) Acetone	2.32	43	7632	2.290 ug/L	96
25) Chloroform	4.67	83	22639	3.230 ug/L	98
48) 2-Hexanone	8.31	43	25383	4.697 ug/L #	81
59) 1,2,3-Trichloropropane	11.48	75	25103	4.867 ug/L	96

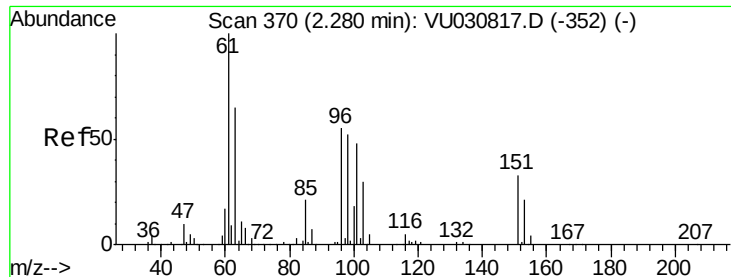
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.758 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

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ClientSampleId :

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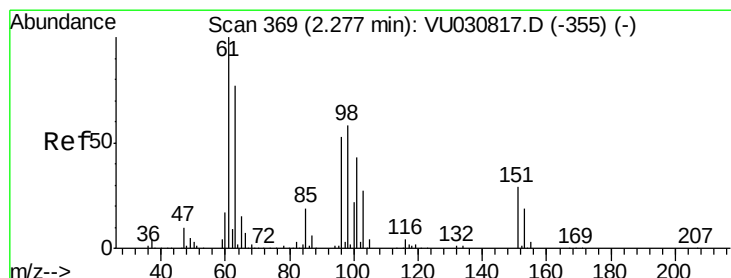
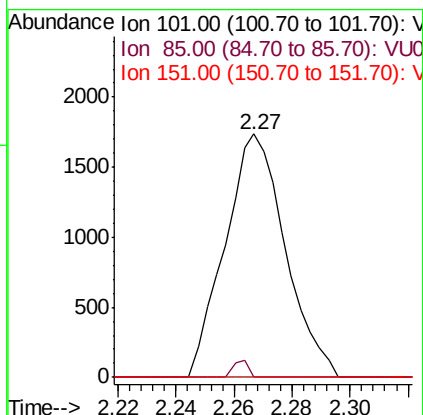
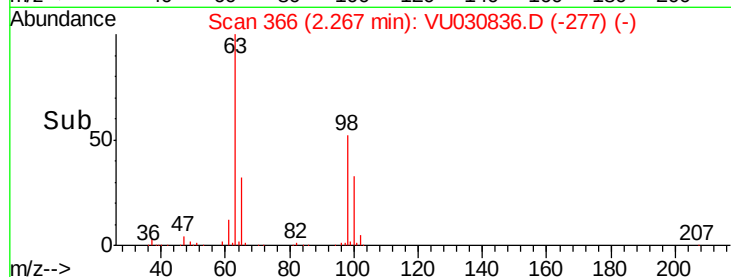
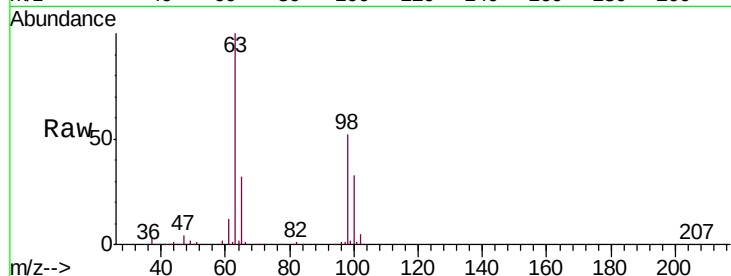
Tgt Ion: 101 Resp: 2500

Ion Ratio Lower Upper

101 100

85 1.8 36.8 55.2#

151 0.0 57.4 86.0#



#12

1,1-Dichloroethene

Concen: 0.687 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU030836.D

Acq: 07 Apr 2019 05:19

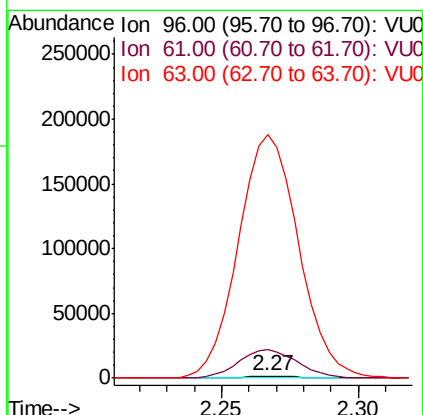
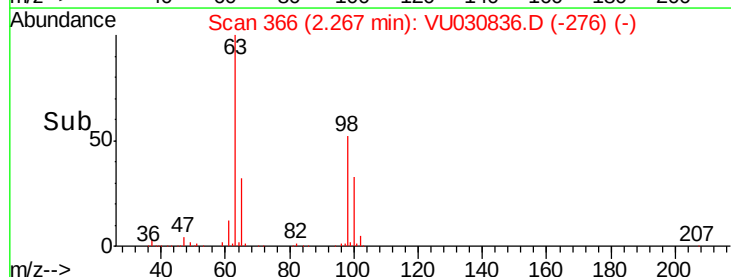
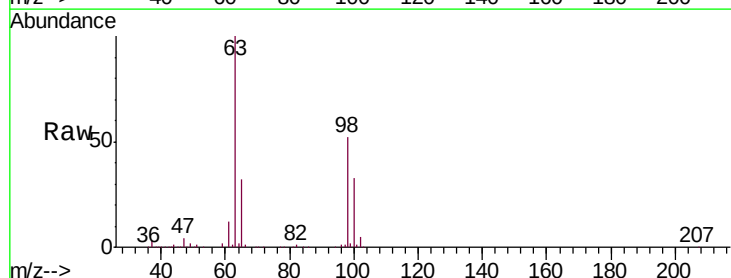
Tgt Ion: 96 Resp: 2185

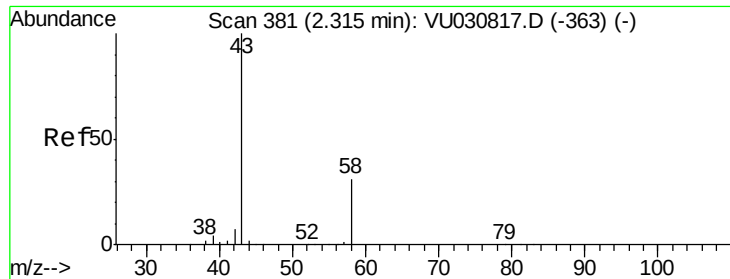
Ion Ratio Lower Upper

96 100

61 1546.5 132.0 245.2#

63 13232.4 90.9 168.9#





#13

Acetone

Concen: 2.290 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

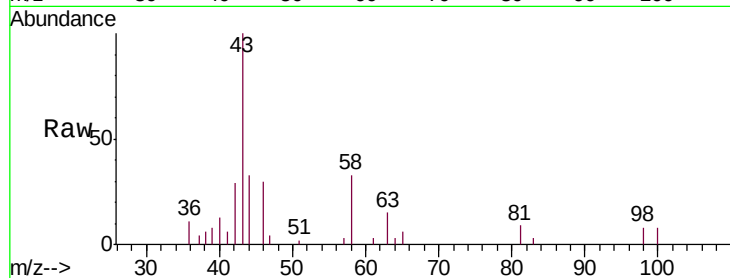
DB6Y5

Tgt Ion: 43 Resp: 7632

Ion Ratio Lower Upper

43 100

58 30.0 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

5000

4000

3000

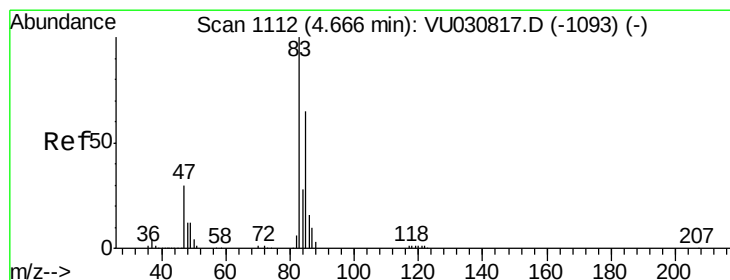
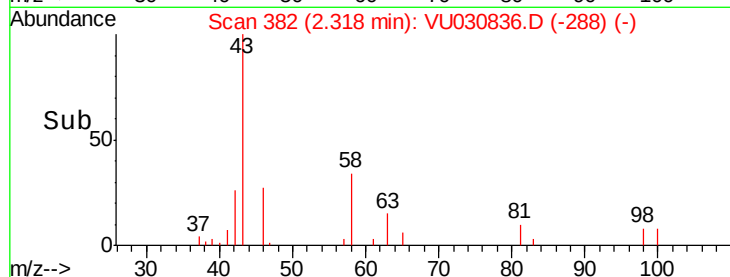
2000

1000

0

2.25 2.30 2.35 2.40

Time-->



#25

Chloroform

Concen: 3.230 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.00 min

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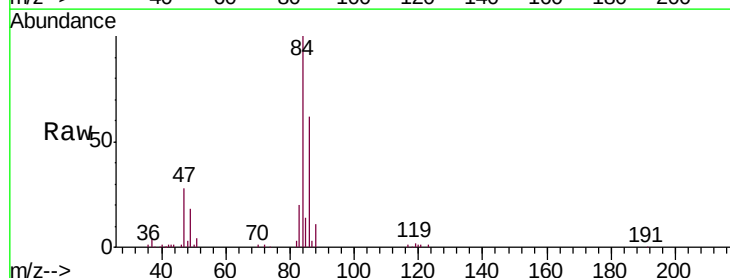
Acq: 07 Apr 2019 05:19

Tgt Ion: 83 Resp: 22639

Ion Ratio Lower Upper

83 100

85 66.8 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

10000

8000

6000

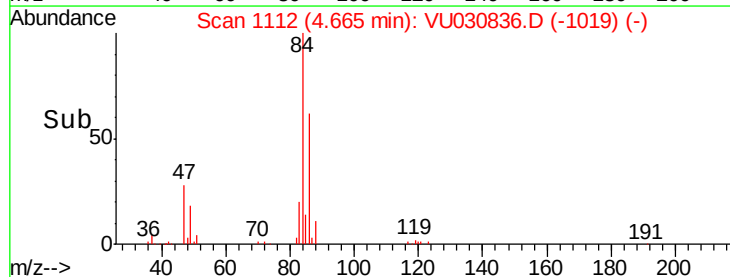
4000

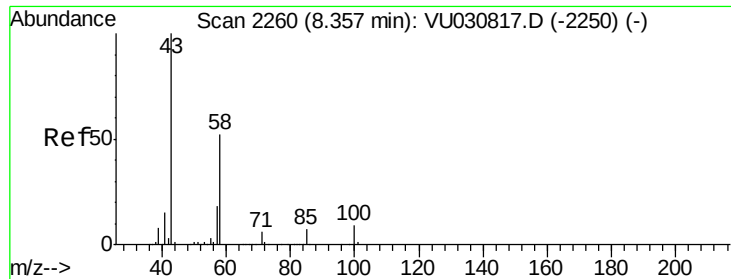
2000

0

4.60 4.65 4.70 4.75

Time-->

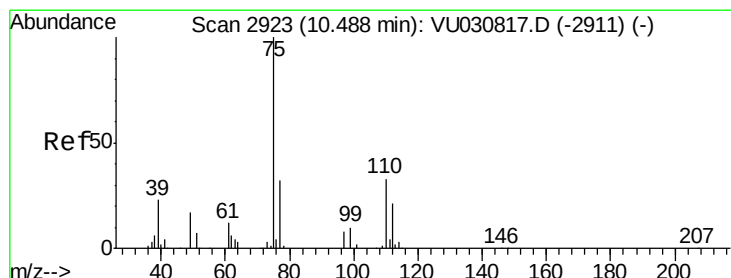
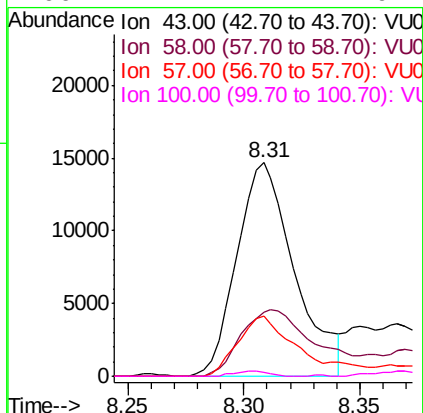
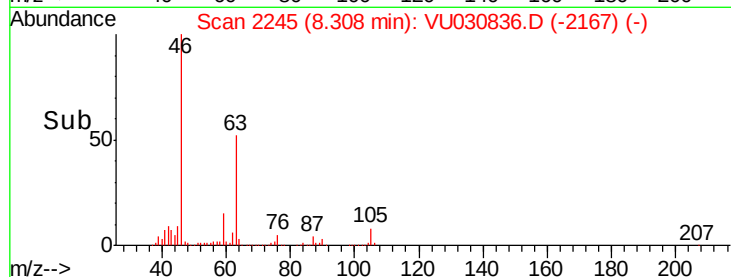
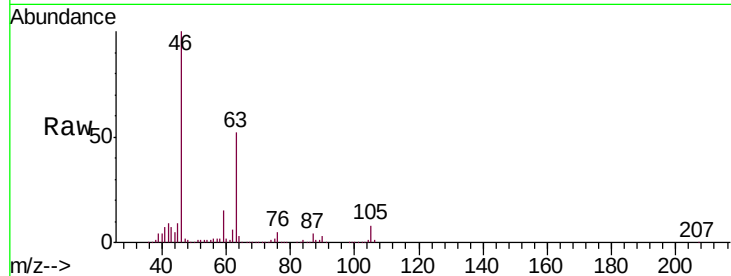




#48
 2-Hexanone
 Concen: 4.697 ug/L
 RT: 8.31 min Scan# 2245
 Delta R.T. -0.05 min
 Lab File: VU030836.D
 Acq: 07 Apr 2019 05:19

Instrument :
 MSVOA_U
 ClientSampleId :
 DB6Y5

Tgt Ion: 43 Resp: 25383
 Ion Ratio Lower Upper
 43 100
 58 39.3 41.9 62.9#
 57 26.6 14.3 21.5#
 100 1.4 7.1 10.7#



#59
 1,2,3-Trichloropropane
 Concen: 4.867 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU030836.D
 Acq: 07 Apr 2019 05:19

Tgt Ion: 75 Resp: 25103
 Ion Ratio Lower Upper
 75 100
 77 34.8 26.1 39.1

