

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031065.D
 Acq On : 11 Apr 2019 13:25
 Operator : JC/SP
 Sample : K2339-03 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC55

Quant Time: Apr 12 03:13:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 03:03:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	466003	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	474887	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	200026	50.00	ug/L	0.00

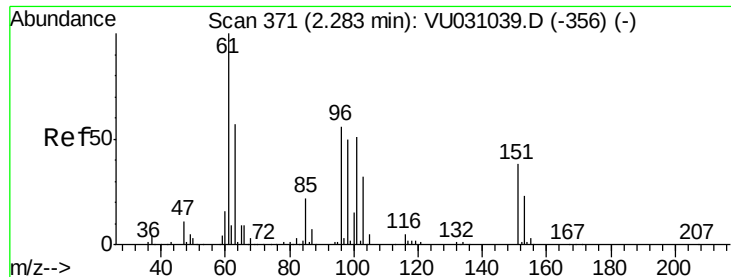
System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	198314	47.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.34%
7) Chloroethane-d5	1.68	69	163515	51.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.58%
11) 1,1-Dichloroethene-d2	2.27	63	273993	36.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.84%
21) 2-Butanone-d5	4.17	46	328921	99.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.77%
24) Chloroform-d	4.64	84	337001	53.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.06%
26) 1,2-Dichloroethane-d4	5.30	65	240433	55.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.90%
32) Benzene-d6	5.34	84	691145	49.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.70%
36) 1,2-Dichloropropane-d6	6.32	67	237120	49.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.82%
41) Toluene-d8	7.56	98	608814	49.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.08%
43) trans-1,3-Dichloropropene-	7.85	79	103602	47.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.64%
47) 2-Hexanone-d5	8.31	63	194517	89.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	317809	49.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.18%
64) 1,2-Dichlorobenzene-d4	11.86	152	216624	55.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.14%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2360	0.707 ug/L #	20
12) 1,1-Dichloroethene	2.27	96	2059	0.639 ug/L #	1
13) Acetone	2.32	43	1974	0.585 ug/L	70
25) Chloroform	4.67	83	17004	2.397 ug/L	98
39) cis-1,3-Dichloropropene	7.22	75	5987	0.956 ug/L #	66
44) trans-1,3-Dichloropropene	7.85	75	3462	0.627 ug/L	94
48) 2-Hexanone	8.37	43	12305	2.229 ug/L #	92
59) 1,2,3-Trichloropropane	11.48	75	24427	4.635 ug/L	95

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



#10

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

Concen: 0.707 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

Lab File: VU031065.D

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Instrument :

MSVOA_U

ClientSampled :

BFC55

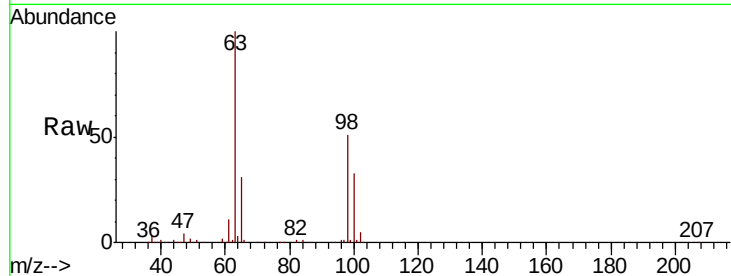
Tot Ion:101 Resp: 2360

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

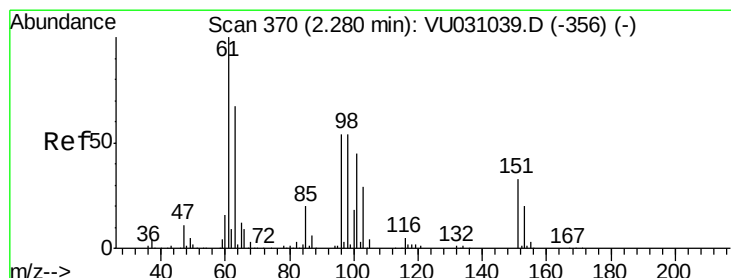
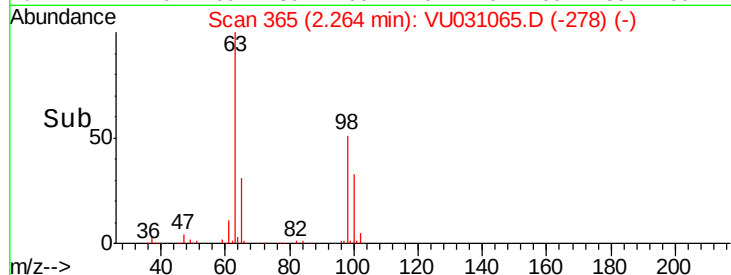
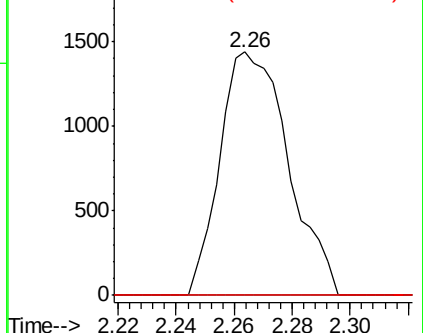
151 0.0 57.4 86.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.639 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031065.D

Acq: 11 Apr 2019 13:25

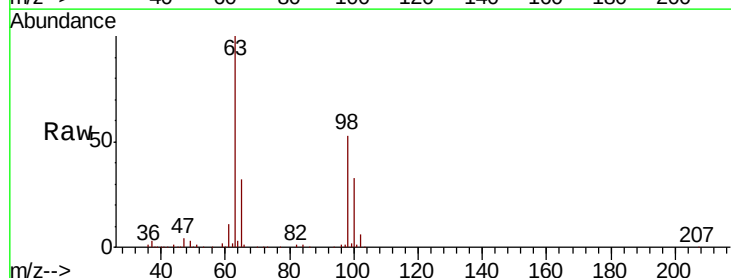
Tgt Ion: 96 Resp: 2059

Ion Ratio Lower Upper

96 100

61 1307.9 132.0 245.2#

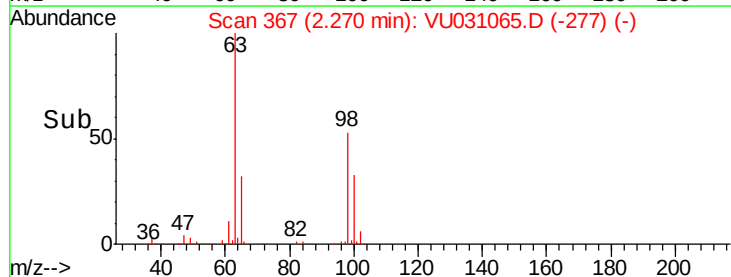
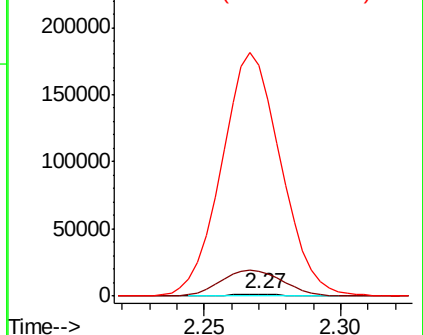
63 12040.4 90.9 168.9#

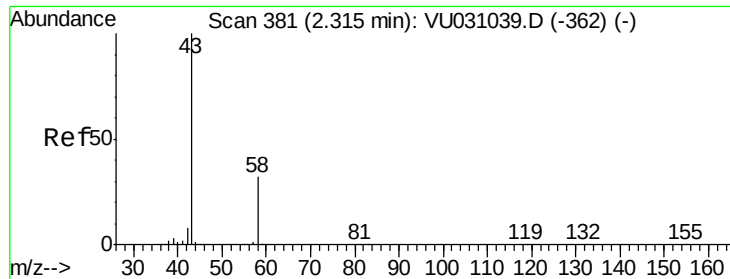


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.585 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU031065.D

Acq: 11 Apr 2019 13:25

Instrument :

MSVOA_U

ClientSampleId :

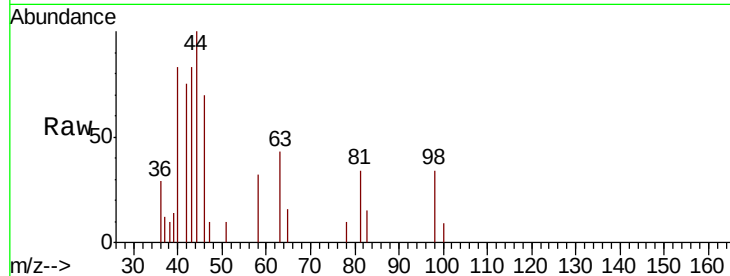
BFC55

Tot Ion: 43 Resp: 1974

Ion Ratio Lower Upper

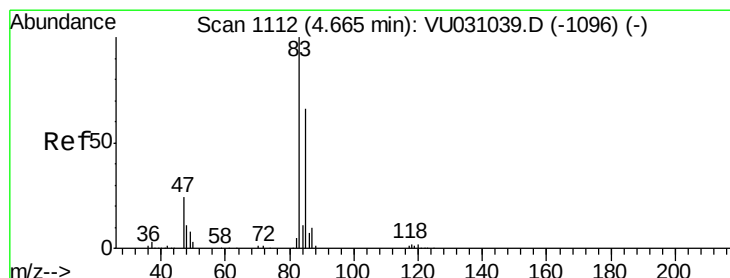
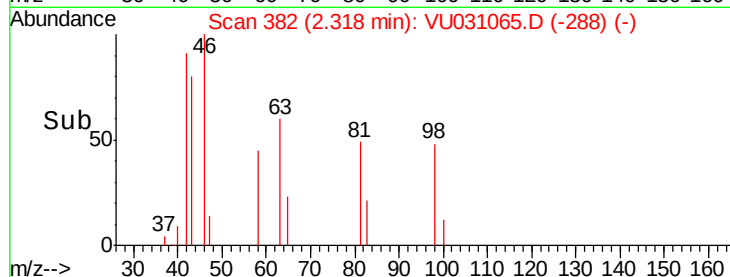
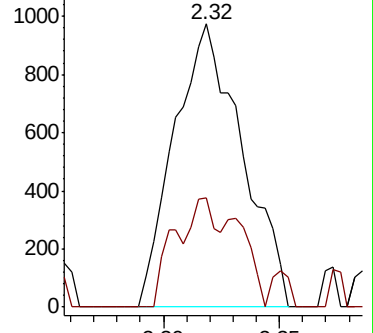
43 100

58 15.1 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#25

Chloroform

Concen: 2.397 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VU031065.D

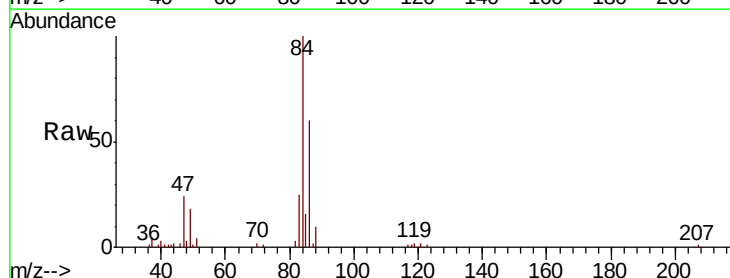
Acq: 11 Apr 2019 13:25

Tgt Ion: 83 Resp: 17004

Ion Ratio Lower Upper

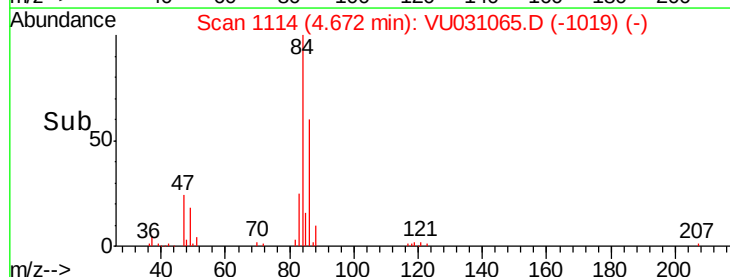
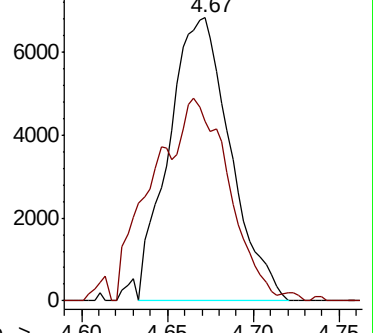
83 100

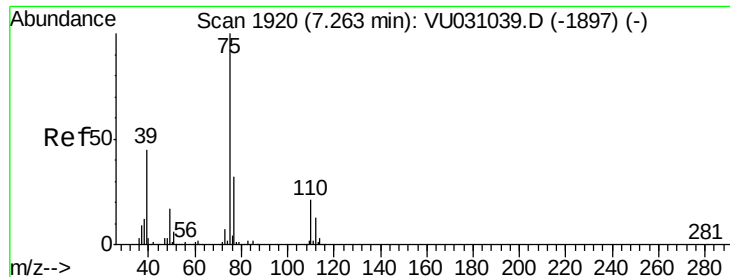
85 63.5 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0





#39

cis-1,3-Dichloropropene

Concen: 0.956 ug/L

RT: 7.22 min Scan# 1907

Delta R.T. -0.04 min

Lab File: VU031065.D

Acq: 11 Apr 2019 13:25

Instrument :

MSVOA_U

ClientSampleId :

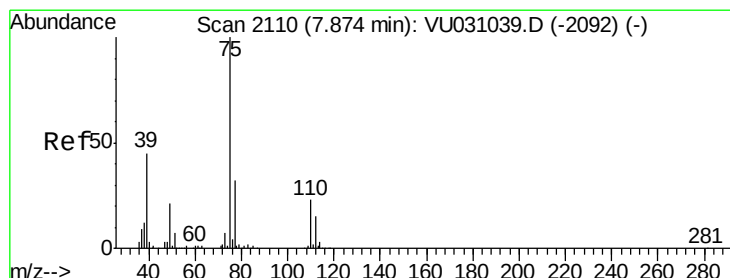
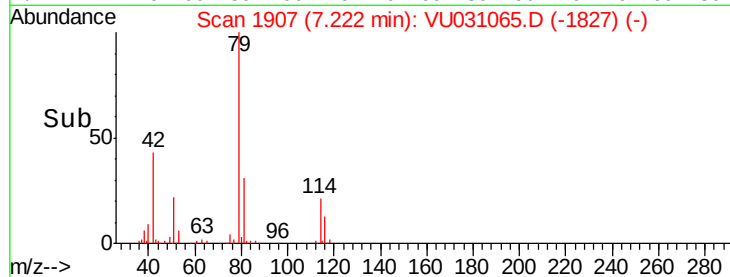
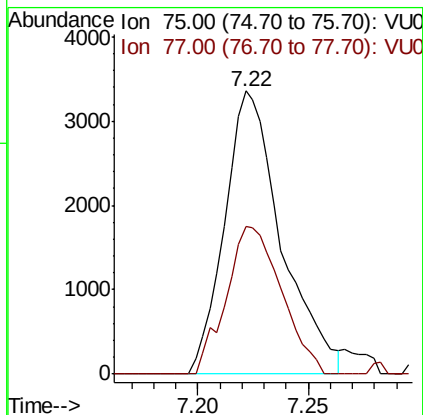
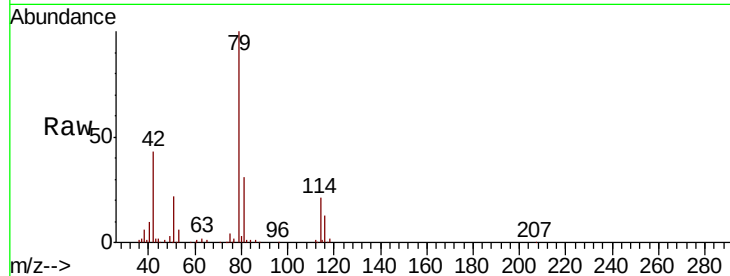
BFC55

Tot Ion: 75 Resp: 5987

Ion Ratio Lower Upper

75 100

77 52.4 23.1 42.9#



#44

trans-1,3-Dichloropropene

Concen: 0.627 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU031065.D

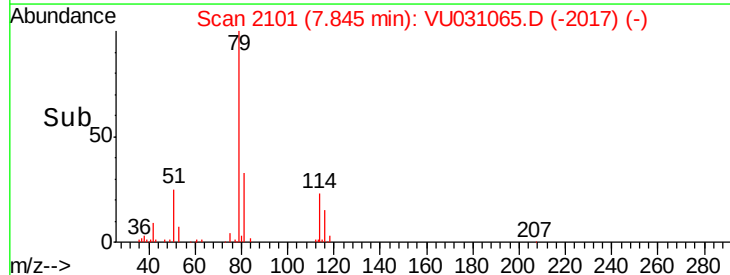
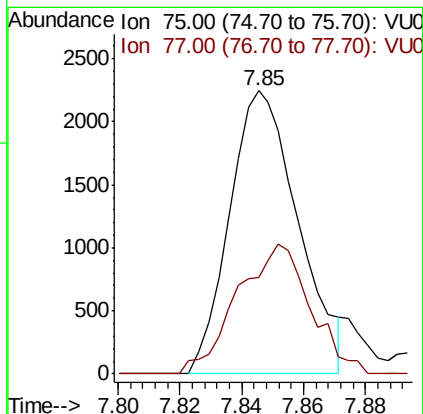
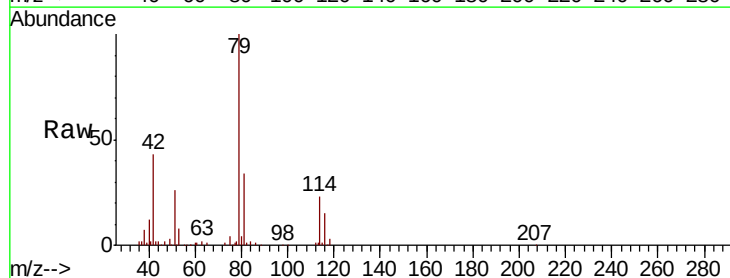
Acq: 11 Apr 2019 13:25

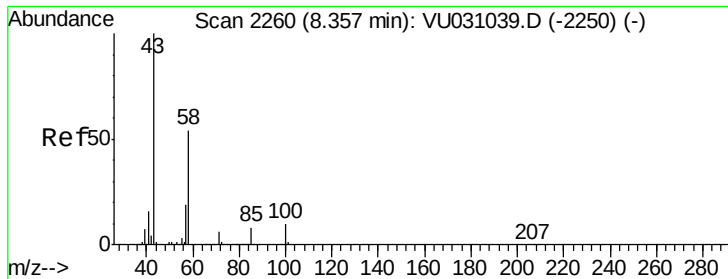
Tgt Ion: 75 Resp: 3462

Ion Ratio Lower Upper

75 100

77 34.3 21.6 40.0

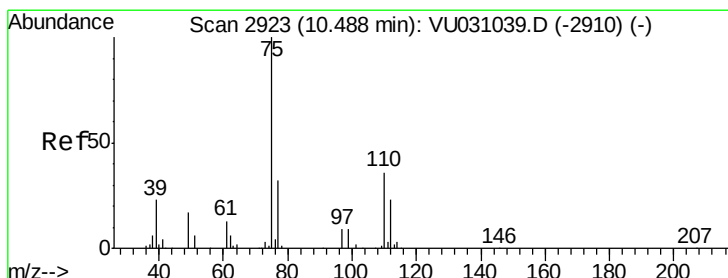
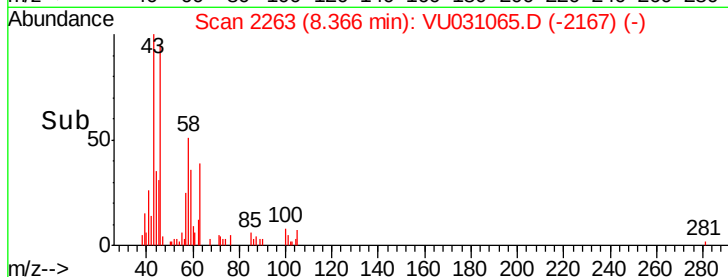
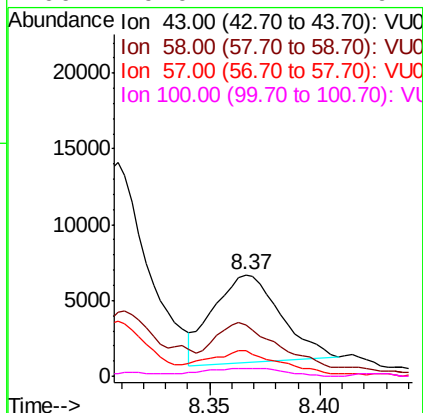
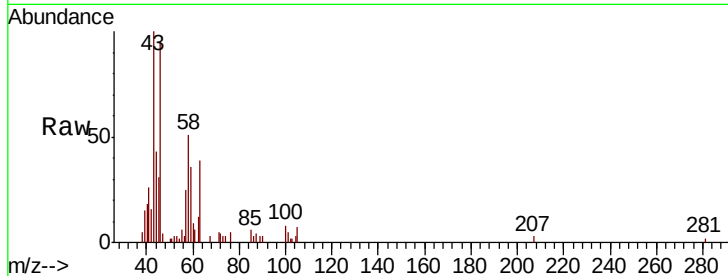




#48
2-Hexanone
Concen: 2.229 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU031065.D
Acq: 11 Apr 2019 13:25

Instrument :
MSVOA_U
ClientSampleId :
BFC55

Tot Ion:	43	Resp:	12305
Ion	Ratio	Lower	Upper
43	100		
58	50.9	41.9	62.9
57	30.2	14.3	21.5
100	9.0	7.1	10.7



#59
1,2,3-Trichloropropane
Concen: 4.635 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU031065.D
Acq: 11 Apr 2019 13:25

Tgt Ion:	75	Resp:	24427
Ion	Ratio	Lower	Upper
75	100		
77	35.3	26.1	39.1

