

Data File : VU031140.D
Acq On : 12 Apr 2019 19:45
Operator : JC/SP
Sample : K2409-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFC76

Quant Time: Apr 13 01:06:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 01:01:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	495868	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	492243	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	207667	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	198522	44.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.70%
7) Chloroethane-d5	1.68	69	153094	45.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.14%
11) 1,1-Dichloroethene-d2	2.26	63	279783	34.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.90%
21) 2-Butanone-d5	4.17	46	300083	85.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.54%
24) Chloroform-d	4.64	84	308382	45.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.22%
26) 1,2-Dichloroethane-d4	5.31	65	209916	45.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.00%
32) Benzene-d6	5.34	84	630073	43.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.70%
36) 1,2-Dichloropropane-d6	6.32	67	209901	42.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.24%
41) Toluene-d8	7.56	98	544744	42.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.54%
43) trans-1,3-Dichloropropene-	7.85	79	90490	40.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.60%
47) 2-Hexanone-d5	8.31	63	173274	76.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.98%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	286711	43.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.32%
64) 1,2-Dichlorobenzene-d4	11.86	152	194005	47.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

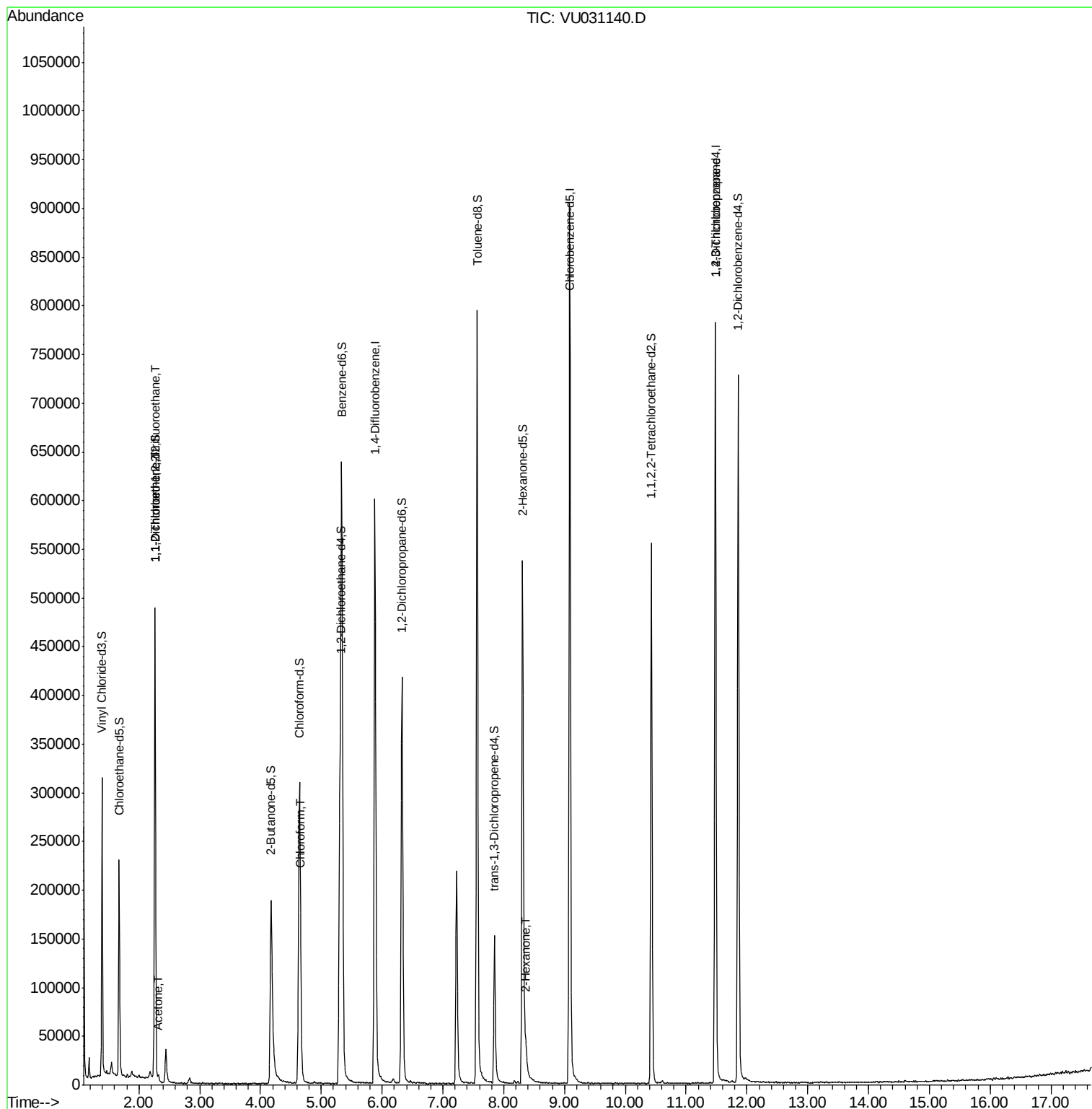
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2674	0.753 ug/L #	22
12) 1,1-Dichloroethene	2.26	96	2140	0.624 ug/L #	1
13) Acetone	2.32	43	3694	1.029 ug/L	82
25) Chloroform	4.67	83	12956	1.716 ug/L	94
48) 2-Hexanone	8.37	43	17264	3.017 ug/L #	87
59) 1,2,3-Trichloropropane	11.48	75	24610	4.505 ug/L	90

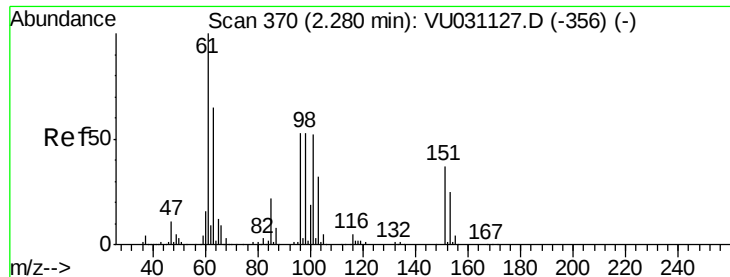
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.753 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

Lab File: VU031140.D

Acq: 12 Apr 2019 19:45

Instrument :

MSVOA_U

ClientSampled :

BFC76

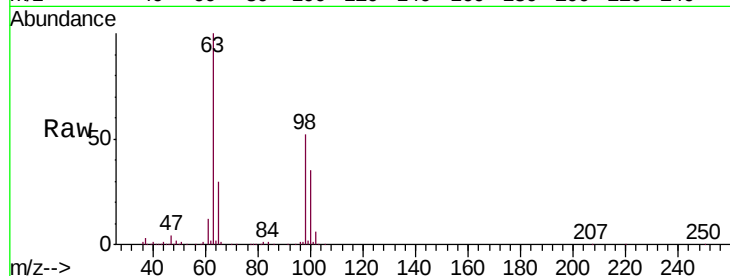
Tgt Ion: 101 Resp: 2674

Ion Ratio Lower Upper

101 100

85 3.4 36.8 55.2#

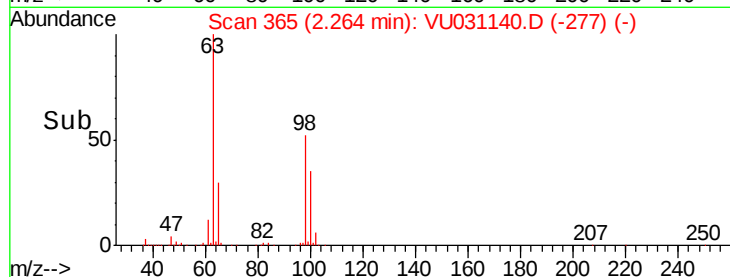
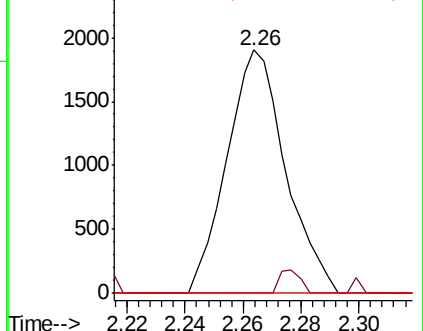
151 0.0 57.4 86.0#



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: 0.624 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: VU031140.D

Acq: 12 Apr 2019 19:45

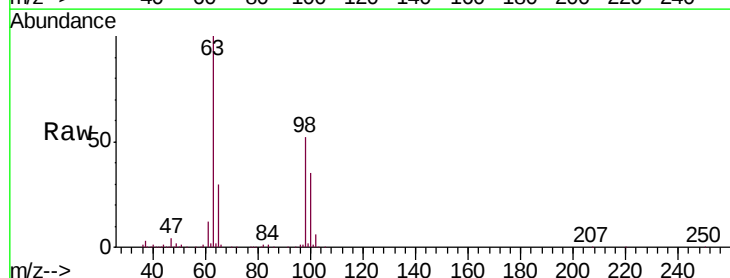
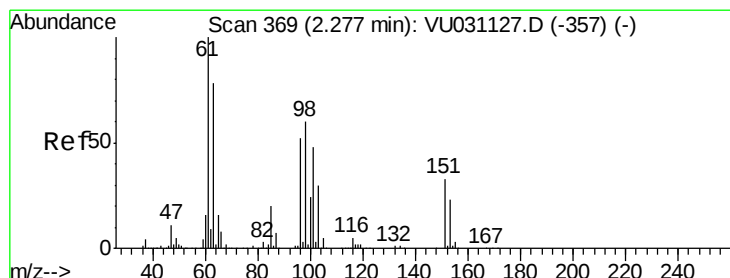
Tgt Ion: 96 Resp: 2140

Ion Ratio Lower Upper

96 100

61 1476.9 132.0 245.2#

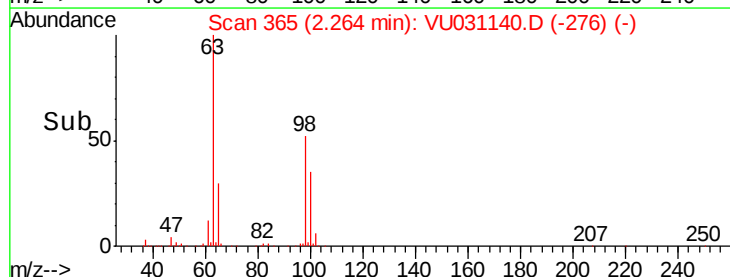
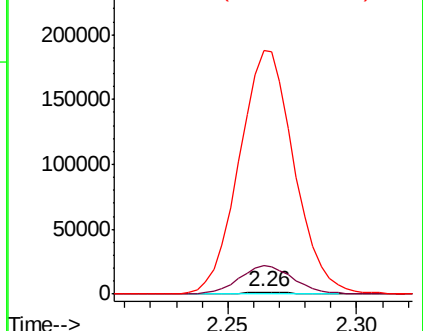
63 12778.2 90.9 168.9#

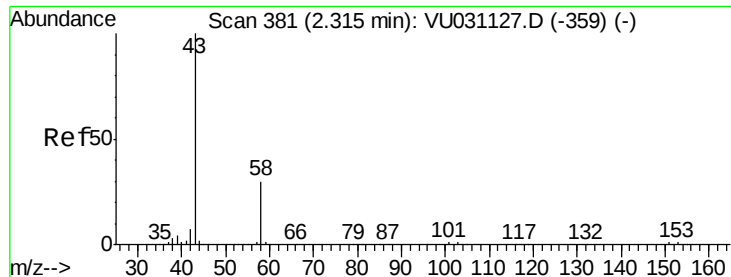


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.029 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

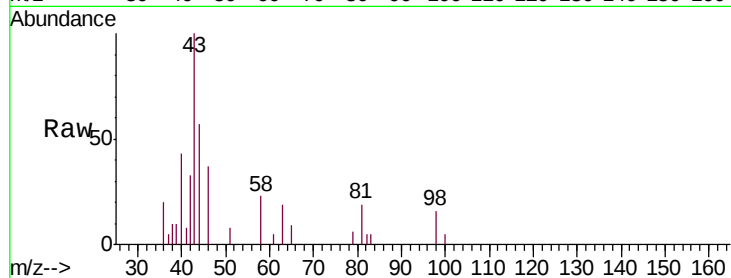
BFC76

Tgt Ion: 43 Resp: 3694

Ion Ratio Lower Upper

43 100

58 22.1 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU031127.D (-359) (-)

Ion 58.00 (57.70 to 58.70): VU031127.D (-359) (-)

2.32

2000

1500

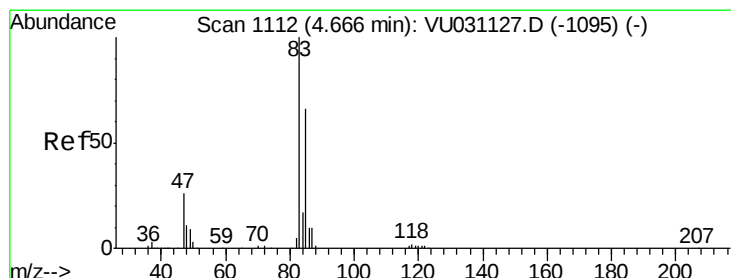
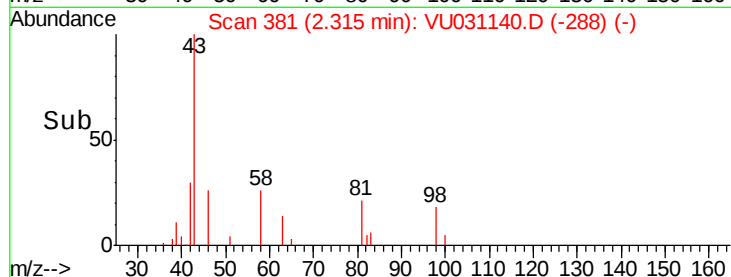
1000

500

0

2.30 2.35

Time-->



#25

Chloroform

Concen: 1.716 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU031140.D

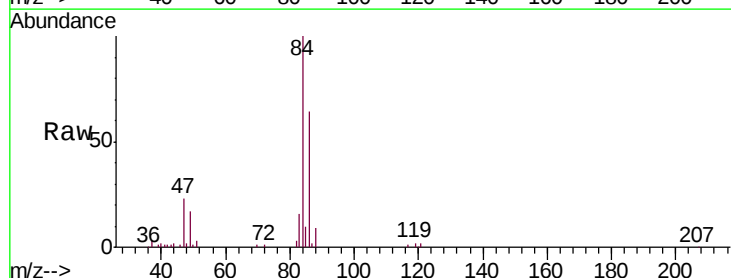
Acq: 12 Apr 2019 19:45

Tgt Ion: 83 Resp: 12956

Ion Ratio Lower Upper

83 100

85 60.8 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU031127.D (-1095) (-)

Ion 85.00 (84.70 to 85.70): VU031127.D (-1095) (-)

4.67

6000

5000

4000

3000

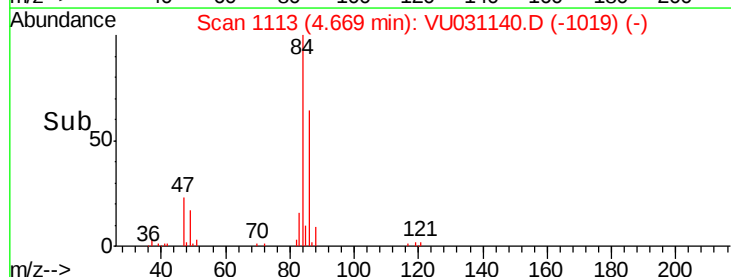
2000

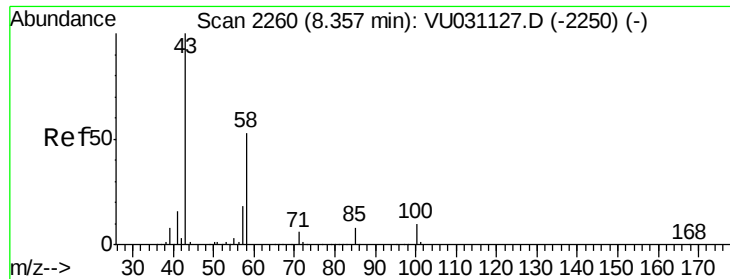
1000

0

4.60 4.65 4.70 4.75

Time-->

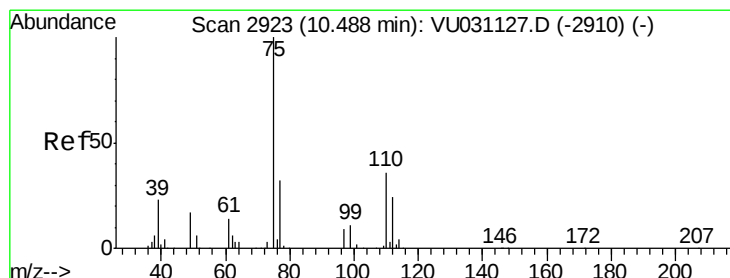
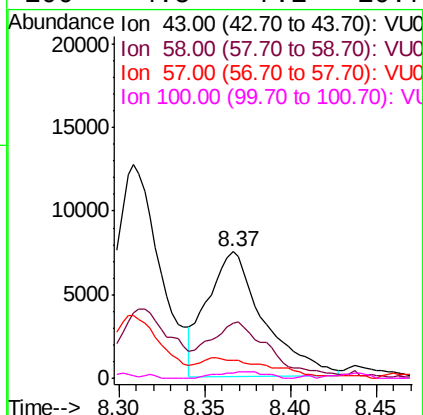
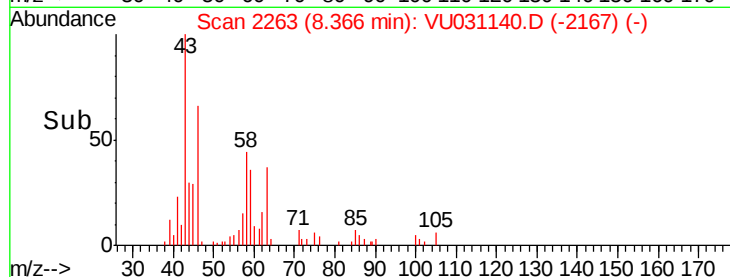
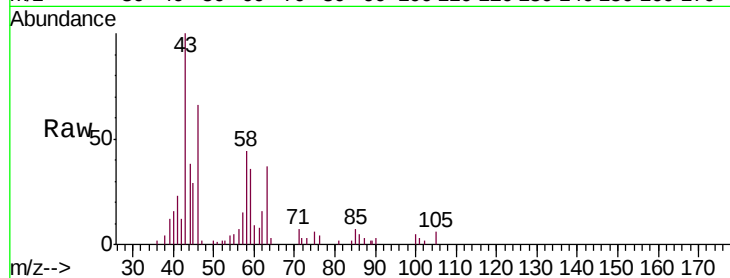




#48
2-Hexanone
Concen: 3.017 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
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Instrument :
MSVOA_U
ClientSampleId :
BFC76

Tgt Ion: 43 Resp: 17264
Ion Ratio Lower Upper
43 100
58 49.5 41.9 62.9
57 1.3 14.3 21.5#
100 4.5 7.1 10.7#



#59
1,2,3-Trichloropropane
Concen: 4.505 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU031140.D
Acq: 12 Apr 2019 19:45

Tgt Ion: 75 Resp: 24610
Ion Ratio Lower Upper
75 100
77 38.4 26.1 39.1

