

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031050.D
 Acq On : 11 Apr 2019 07:40
 Operator : JC/SP
 Sample : K2341-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB714

Quant Time: Apr 11 08:16:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 08:09:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	490144	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	479899	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	217326	50.00	ug/L	0.00

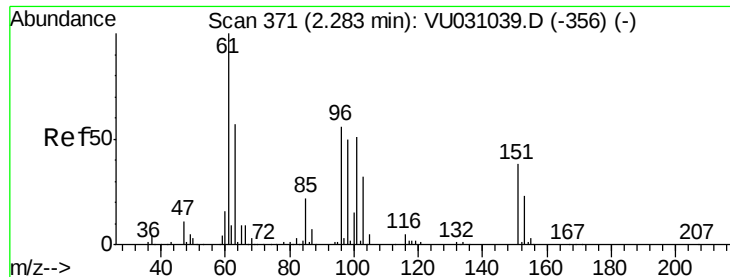
System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	215040	49.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.30%
7) Chloroethane-d5	1.68	69	172610	51.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.96%
11) 1,1-Dichloroethene-d2	2.27	63	300384	37.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.92%
21) 2-Butanone-d5	4.17	46	369262	106.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.48%
24) Chloroform-d	4.64	84	352531	52.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.48%
26) 1,2-Dichloroethane-d4	5.30	65	246050	53.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.90%
32) Benzene-d6	5.33	84	726452	51.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.70%
36) 1,2-Dichloropropane-d6	6.32	67	249737	52.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.04%
41) Toluene-d8	7.56	98	629435	50.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.38%
43) trans-1,3-Dichloropropene-	7.85	79	103145	47.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.22%
47) 2-Hexanone-d5	8.31	63	223681	101.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.93%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	343456	53.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.06%
64) 1,2-Dichlorobenzene-d4	11.85	152	235364	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	2.27	101	2457	0.700 ug/L #	20
12) 1,1-Dichloroethene	2.27	96	2073	0.612 ug/L #	1
13) Acetone	2.32	43	26058	7.343 ug/L	91
25) Chloroform	4.67	83	42714	5.724 ug/L	86
38) Bromodichloromethane	6.76	83	12174	2.269 ug/L	93
39) cis-1,3-Dichloropropene	7.22	75	6441	1.018 ug/L #	78
48) 2-Hexanone	8.36	43	16359	2.932 ug/L #	52
49) Dibromochloromethane	8.47	129	5294	1.323 ug/L	86

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



#10

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

Concen: 0.700 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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Instrument :

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ClientSampleId :

DB714

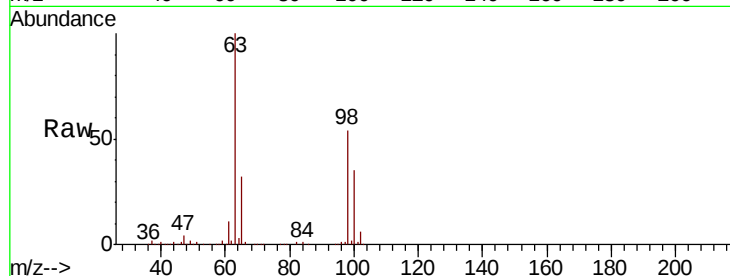
Tot Ion:101 Resp: 2457

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

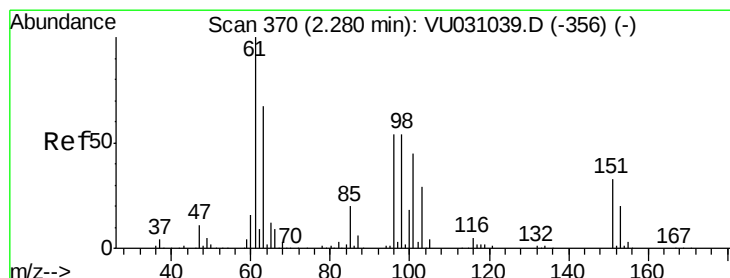
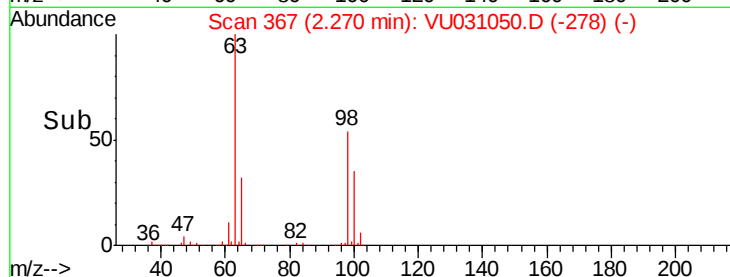
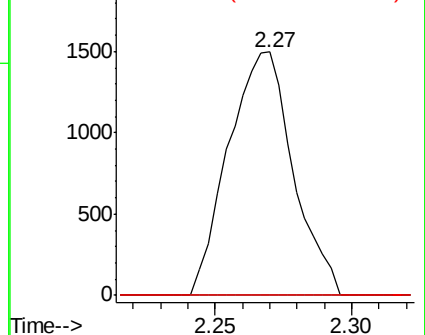
151 0.0 57.4 86.0#



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: 0.612 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031050.D

Acq: 11 Apr 2019 07:40

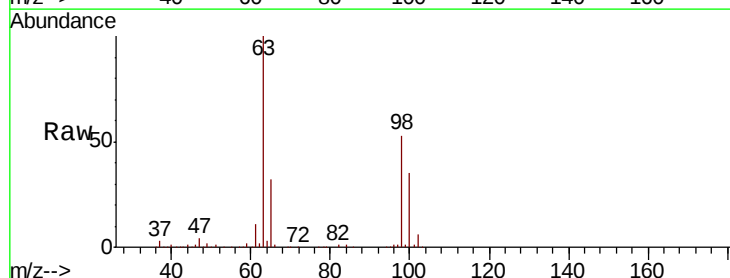
Tgt Ion: 96 Resp: 2073

Ion Ratio Lower Upper

96 100

61 1548.4 132.0 245.2#

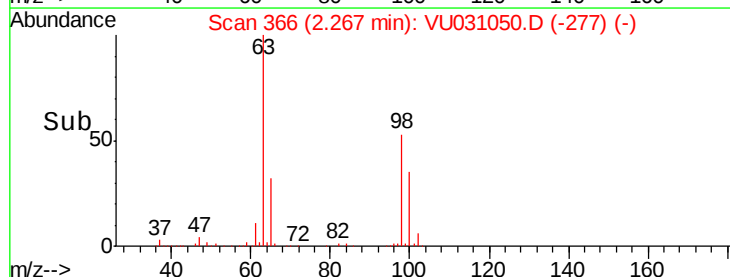
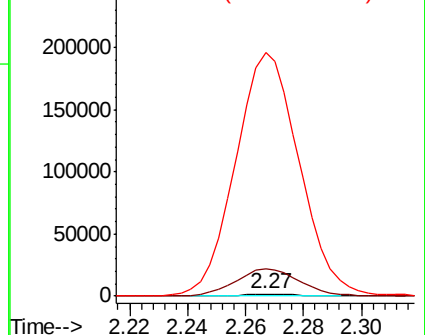
63 13585.0 90.9 168.9#

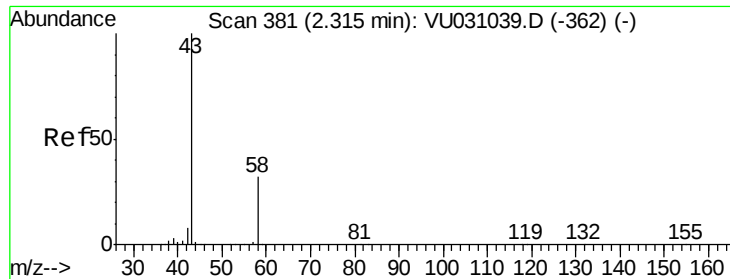


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 7.343 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU031050.D

Acq: 11 Apr 2019 07:40

Instrument :

MSVOA_U

ClientSampled :

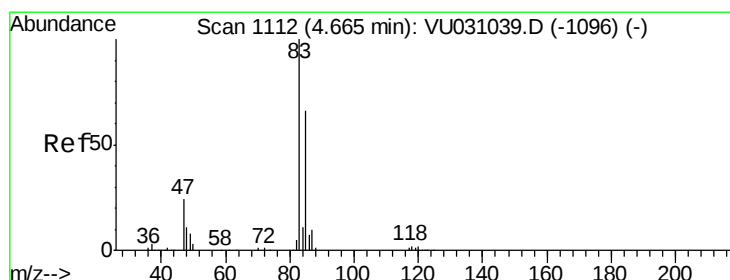
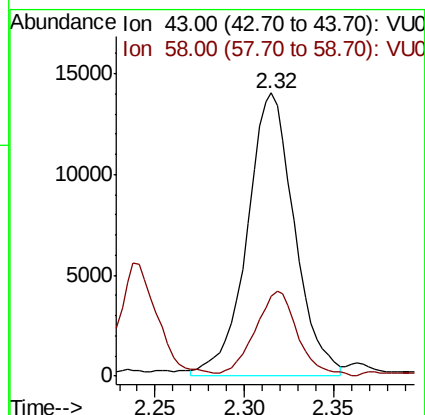
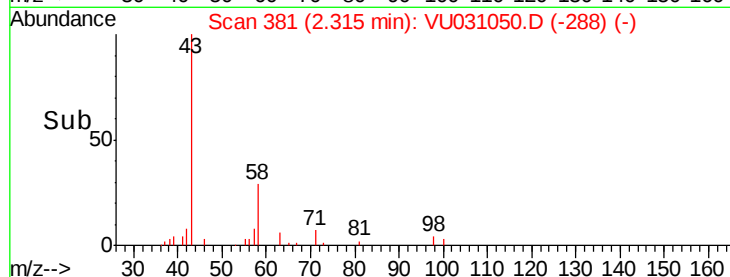
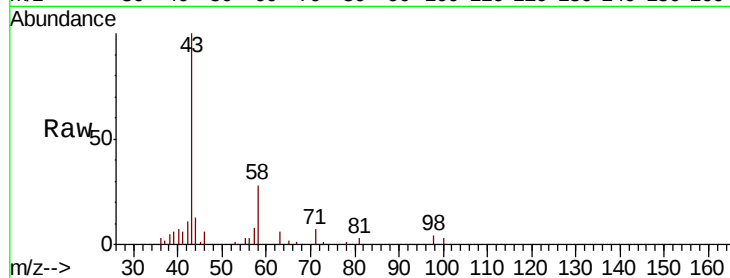
DB714

Tot Ion: 43 Resp: 26058

Ion Ratio Lower Upper

43 100

58 27.3 0.0 64.0



#25

Chloroform

Concen: 5.724 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU031050.D

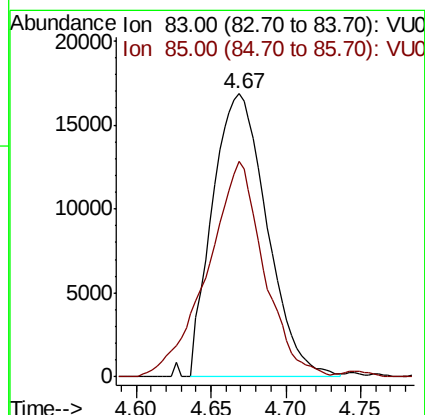
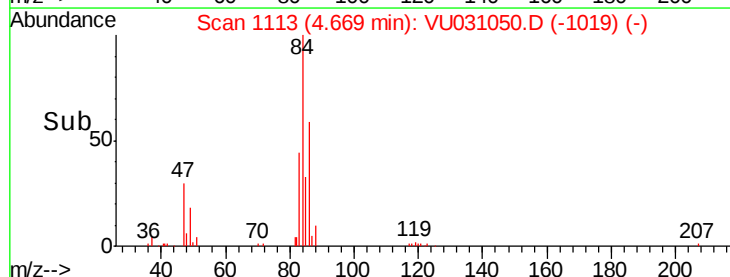
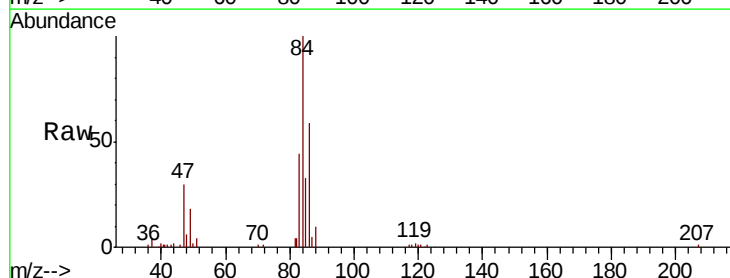
Acq: 11 Apr 2019 07:40

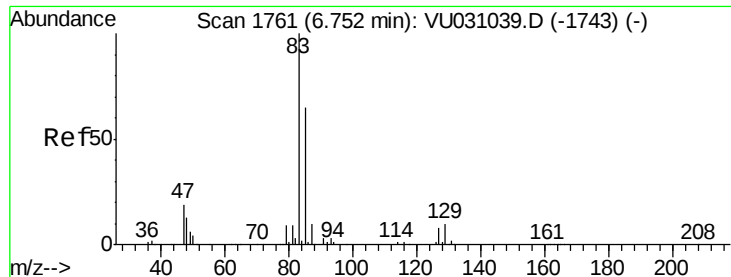
Tgt Ion: 83 Resp: 42714

Ion Ratio Lower Upper

83 100

85 76.1 45.8 85.0





#38

Bromodichloromethane

Concen: 2.269 ug/L

RT: 6.76 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VU031050.D

Acq: 11 Apr 2019 07:40

Instrument :

MSVOA_U

ClientSampleId :

DB714

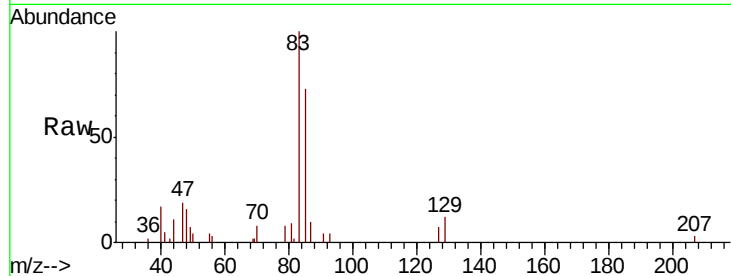
Tot Ion: 83 Resp: 12174

Ion Ratio Lower Upper

83 100

85 72.8 46.5 86.3

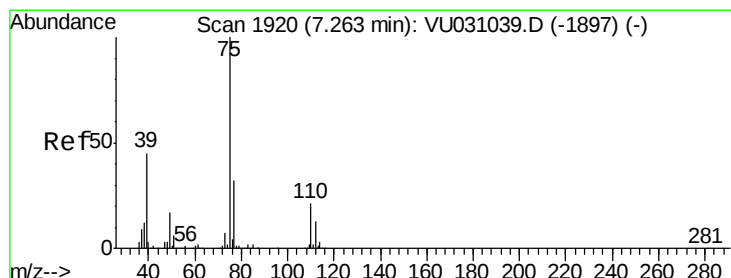
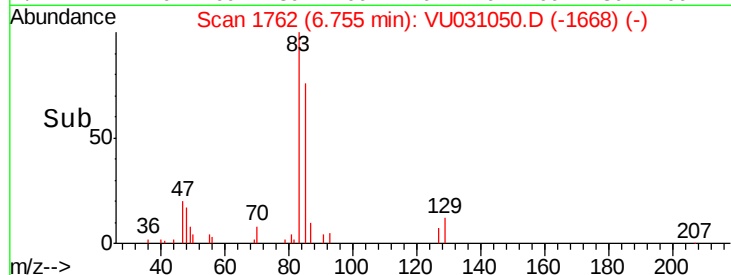
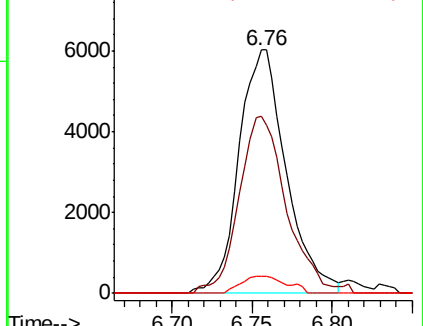
127 7.0 6.6 10.0



Abundance Ion 83.00 (82.70 to 83.70): VU031039.D (-1743) (-)

Ion 85.00 (84.70 to 85.70): VU031039.D (-1743) (-)

Ion 127.00 (126.70 to 127.70): VU031039.D (-1743) (-)



#39

cis-1,3-Dichloropropene

Concen: 1.018 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU031050.D

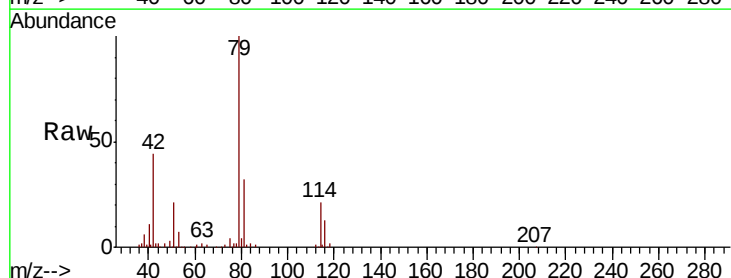
Acq: 11 Apr 2019 07:40

Tgt Ion: 75 Resp: 6441

Ion Ratio Lower Upper

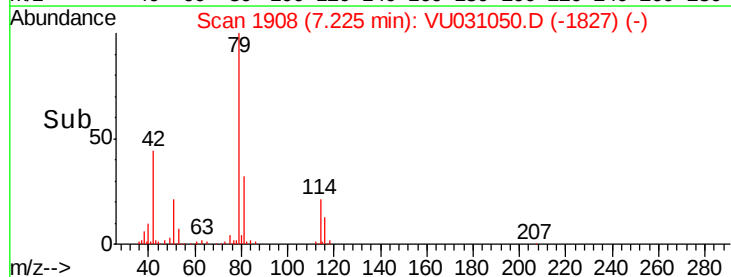
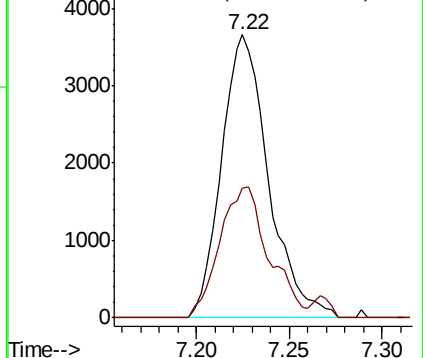
75 100

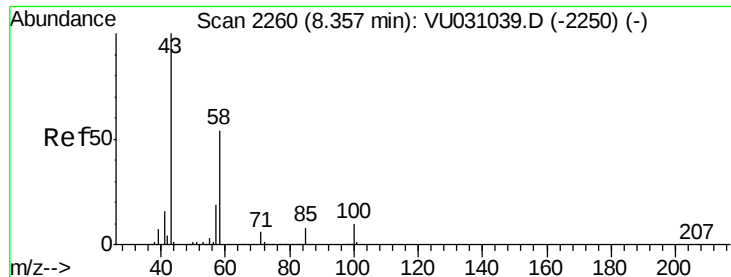
77 45.7 23.1 42.9#



Abundance Ion 75.00 (74.70 to 75.70): VU031039.D (-1897) (-)

Ion 77.00 (76.70 to 77.70): VU031039.D (-1897) (-)

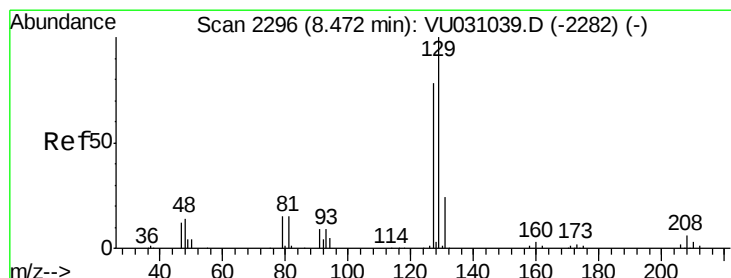
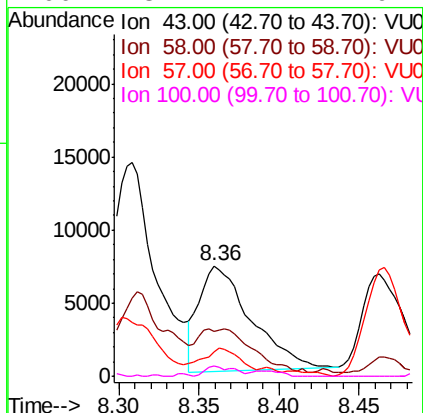
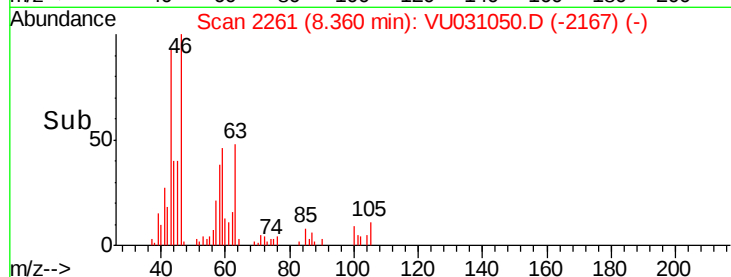
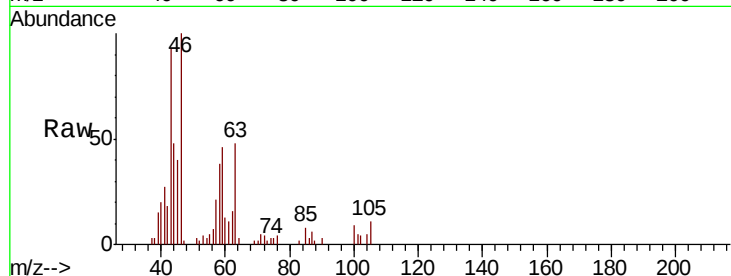




#48
2-Hexanone
Concen: 2.932 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. 0.00 min
Lab File: VU031050.D
Acq: 11 Apr 2019 07:40

Instrument :
MSVOA_U
ClientSampleId :
DB714

Tot Ion: 43 Resp: 16359
Ion Ratio Lower Upper
43 100
58 4.6 41.9 62.9#
57 20.6 14.3 21.5
100 3.4 7.1 10.7#



#49
Dibromochloromethane
Concen: 1.323 ug/L
RT: 8.47 min Scan# 2296
Delta R.T. 0.00 min
Lab File: VU031050.D
Acq: 11 Apr 2019 07:40

Tgt Ion: 129 Resp: 5294
Ion Ratio Lower Upper
129 100
127 65.7 54.5 101.3

