

Data File : VU031538.D
Acq On : 26 Apr 2019 17:39
Operator : JC/SP
Sample : K2590-05 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X94

Quant Time: Apr 27 00:24:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 27 00:11:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	922560	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	858431	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	355553	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	404319	52.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.74%
7) Chloroethane-d5	1.98	69	219	0.04	ug/L	0.30
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.08%#
11) 1,1-Dichloroethene-d2	2.27	63	572642	37.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.48%
21) 2-Butanone-d5	4.19	46	701596	100.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.29%
24) Chloroform-d	4.64	84	645698	45.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.32%
26) 1,2-Dichloroethane-d4	5.31	65	413327	44.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.48%
32) Benzene-d6	5.34	84	1343533	50.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.94%
36) 1,2-Dichloropropane-d6	6.32	67	461002	49.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.42%
41) Toluene-d8	7.56	98	1168623	50.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.80%
43) trans-1,3-Dichloropropene-	7.85	79	194544	48.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.74%
47) 2-Hexanone-d5	8.31	63	458882	114.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.32%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	578902	46.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.02%
64) 1,2-Dichlorobenzene-d4	11.86	152	386271	51.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.32%

Target Compounds

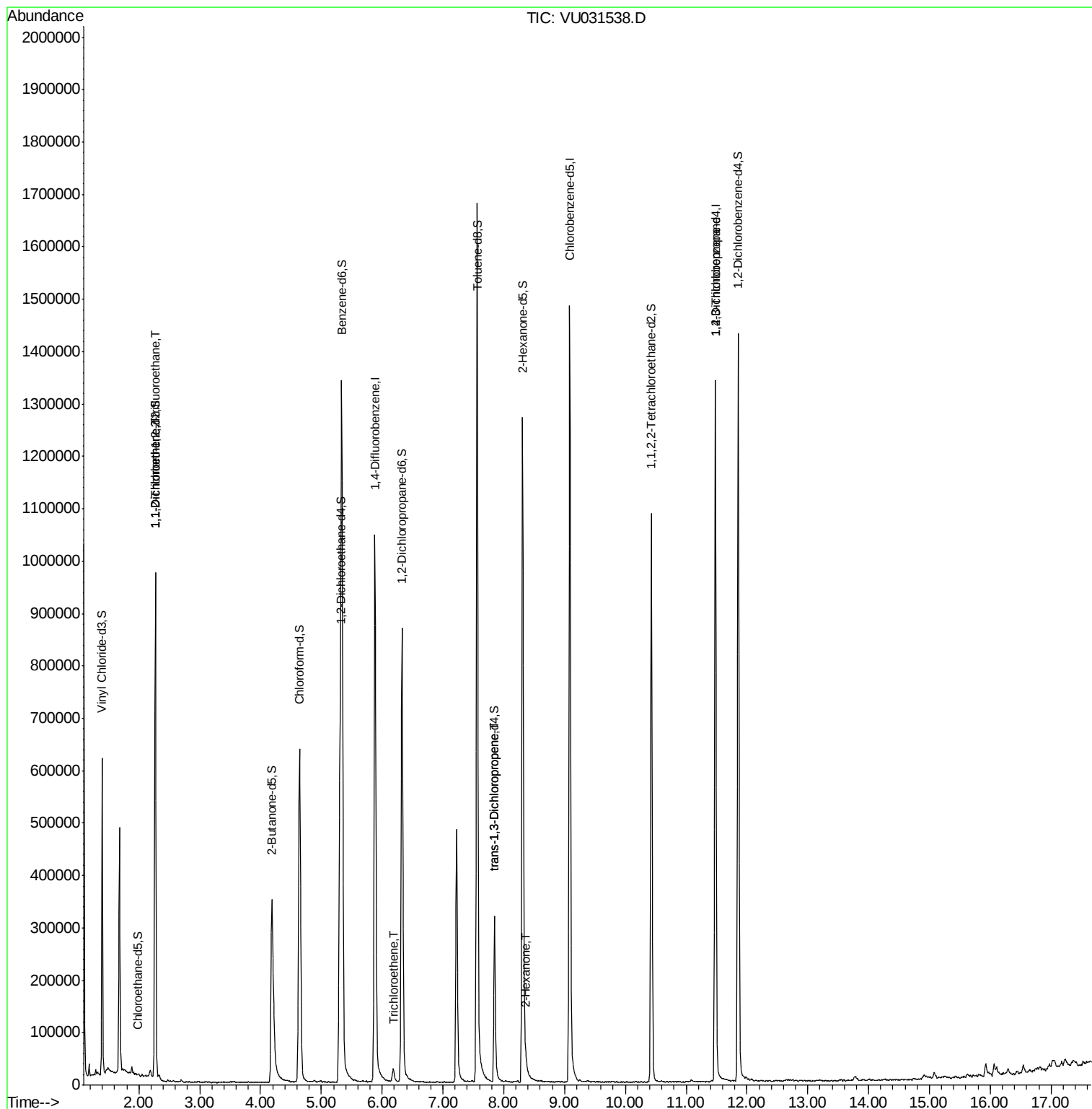
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	5026	0.680	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	4850	0.674	ug/L #	1
34) Trichloroethene	6.19	95	5032	0.658	ug/L	93
44) trans-1,3-Dichloropropene	7.85	75	7620	0.710	ug/L	85
48) 2-Hexanone	8.37	43	14048	1.260	ug/L #	45
59) 1,2,3-Trichloropropane	11.48	75	45182	4.253	ug/L	95

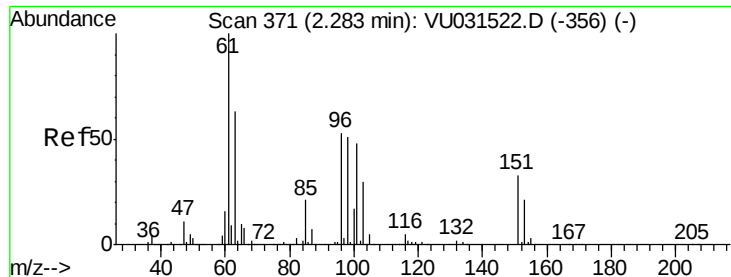
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.680 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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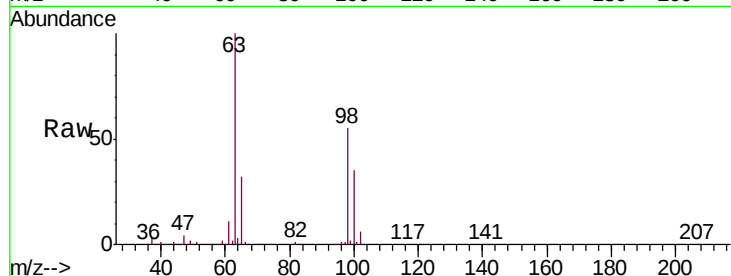
Tgt Ion: 101 Resp: 5026

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

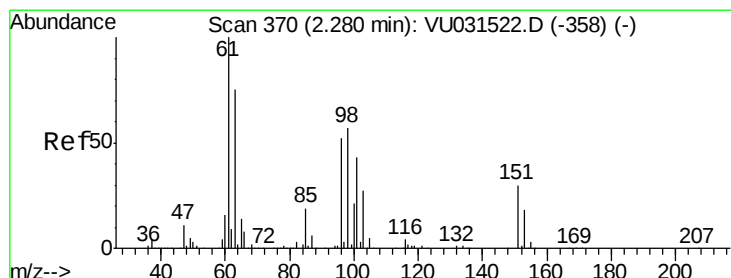
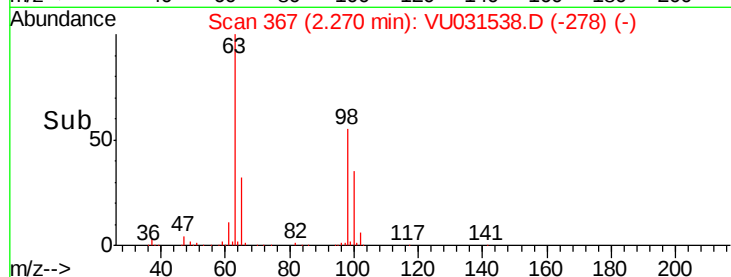
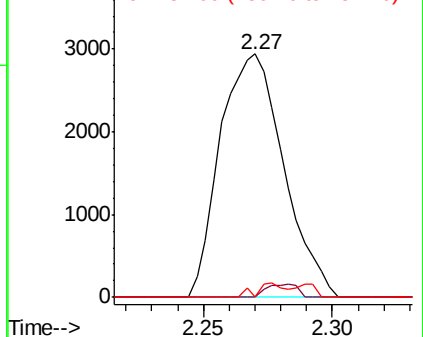
151 0.4 56.1 84.1#



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: 0.674 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

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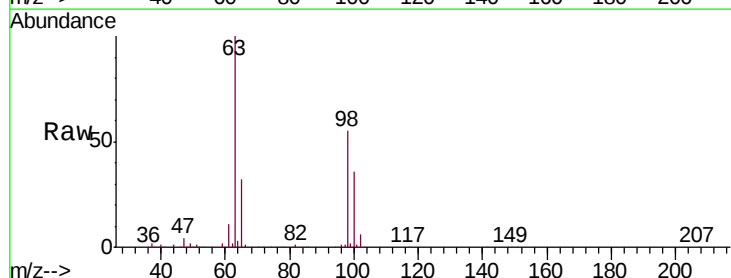
Tgt Ion: 96 Resp: 4850

Ion Ratio Lower Upper

96 100

61 1133.5 135.0 250.6#

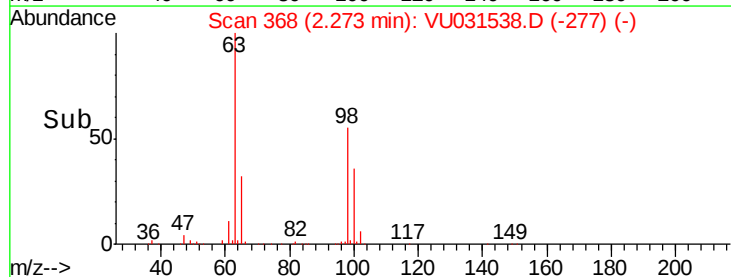
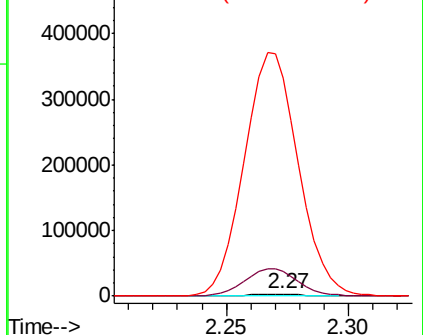
63 10070.2 103.5 192.3#

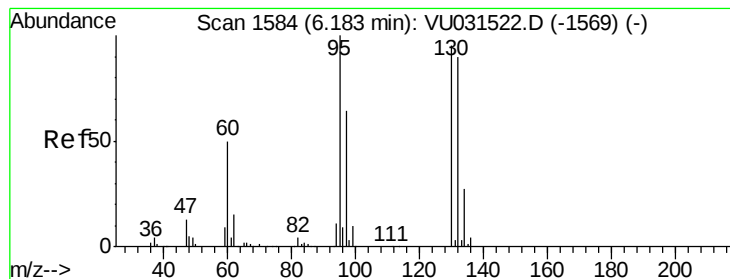


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#34

Trichloroethene

Concen: 0.658 ug/L

RT: 6.19 min Scan# 1586

Delta R.T. 0.01 min

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ClientSampleId :

C0X94

Tgt Ion: 95 Resp: 5032

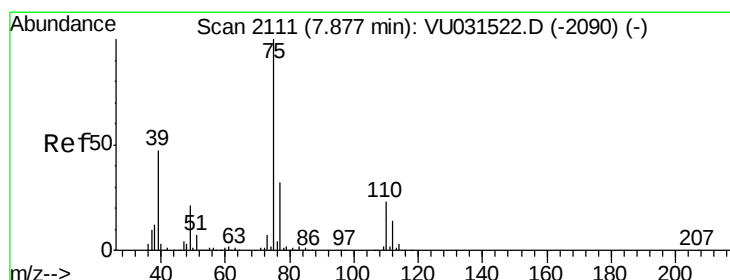
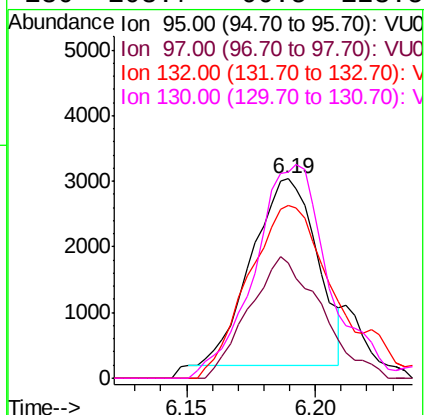
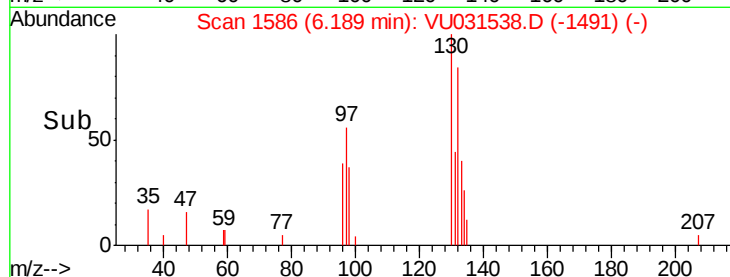
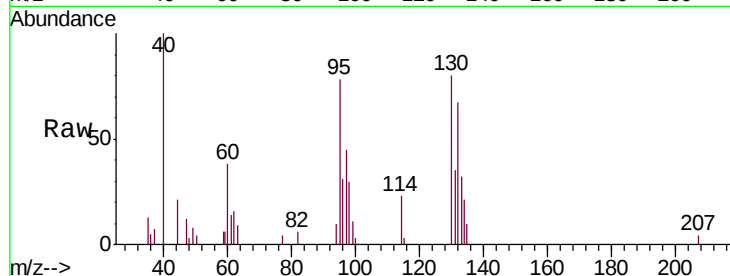
Ion Ratio Lower Upper

95 100

97 58.1 44.8 83.2

132 86.9 63.1 117.1

130 103.7 66.5 123.5



#44

trans-1,3-Dichloropropene

Concen: 0.710 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.03 min

Lab File: VU031538.D

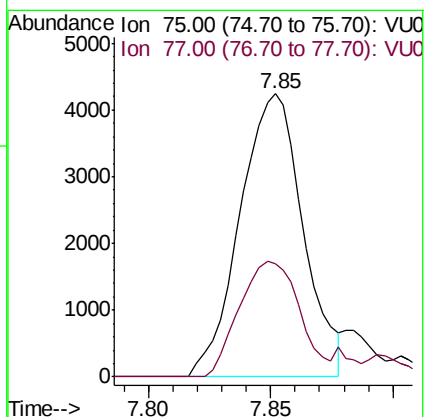
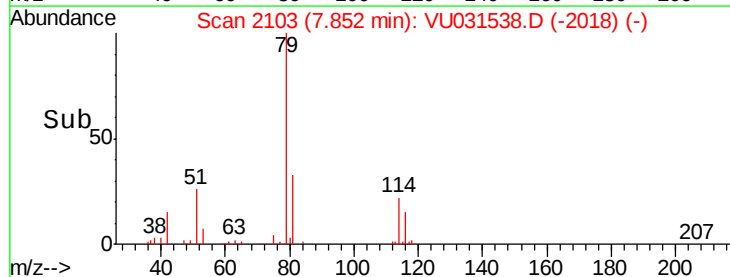
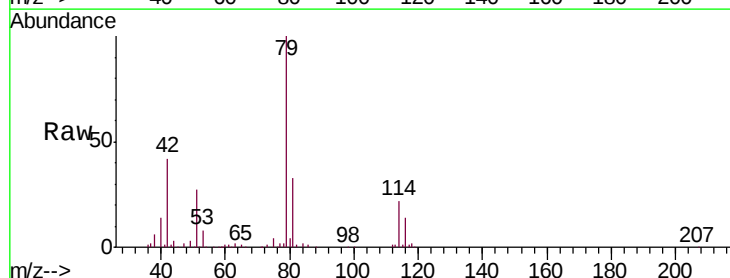
Acq: 26 Apr 2019 17:39

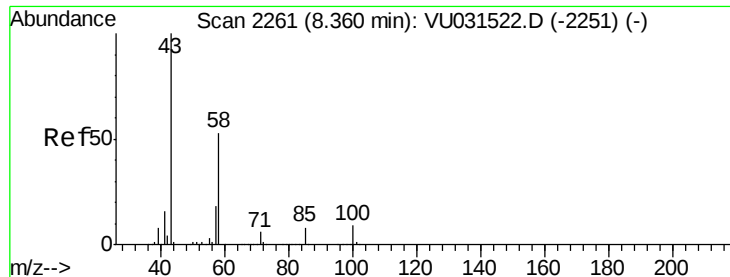
Tgt Ion: 75 Resp: 7620

Ion Ratio Lower Upper

75 100

77 39.9 22.1 41.1

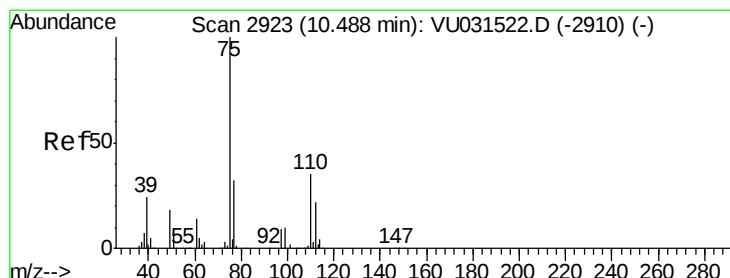
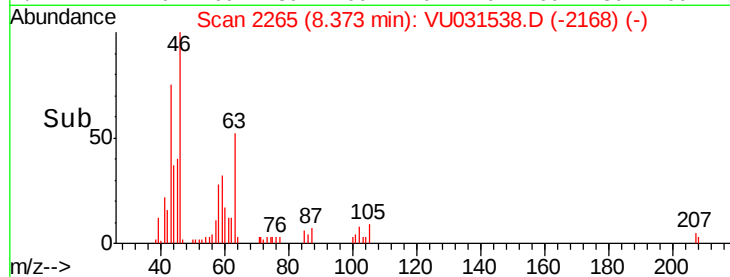
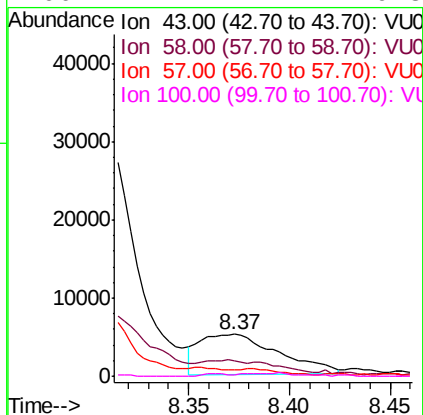
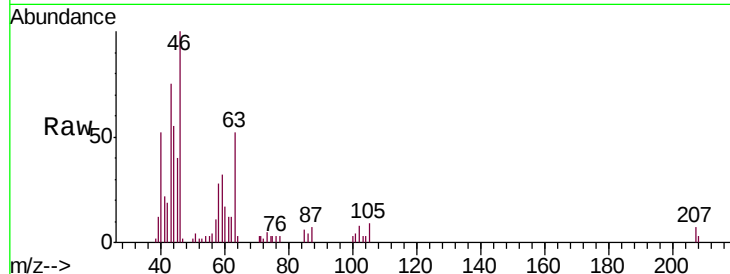




#48
 2-Hexanone
 Concen: 1.260 ug/L
 RT: 8.37 min Scan# 2265
 Delta R.T. 0.01 min
 Lab File: VU031538.D
 Acq: 26 Apr 2019 17:39

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 C0X94

Tgt Ion:	43	Resp:	14048
Ion	Ratio	Lower	Upper
43	100		
58	0.0	42.1	63.1#
57	9.9	14.6	22.0#
100	2.4	7.2	10.8#



#59
 1,2,3-Trichloropropane
 Concen: 4.253 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU031538.D
 Acq: 26 Apr 2019 17:39

Tgt Ion:	75	Resp:	45182
Ion	Ratio	Lower	Upper
75	100		
77	35.1	25.9	38.9

