

Data File : VU031551.D
Acq On : 26 Apr 2019 23:30
Operator : JC/SP
Sample : K2592-02 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XG7

Quant Time: Apr 27 03:31:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 27 03:26:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	878020	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	794389	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	316470	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	379308	51.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.24%
7) Chloroethane-d5	1.87	69	153	0.03	ug/L	0.19
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.06%#
11) 1,1-Dichloroethene-d2	2.42	63	230	0.02	ug/L	0.15
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.04%#
21) 2-Butanone-d5	4.18	46	668589	100.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.42%
24) Chloroform-d	4.64	84	627049	46.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.18%
26) 1,2-Dichloroethane-d4	5.31	65	415485	47.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.50%
32) Benzene-d6	5.34	84	1285775	52.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.42%
36) 1,2-Dichloropropane-d6	6.32	67	446429	52.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.04%
41) Toluene-d8	7.56	98	1077426	50.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.42%
43) trans-1,3-Dichloropropene-	7.85	79	179515	48.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.46%
47) 2-Hexanone-d5	8.31	63	425772	114.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.62%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	559063	48.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.08%
64) 1,2-Dichlorobenzene-d4	11.86	152	349448	52.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.02%

Target Compounds

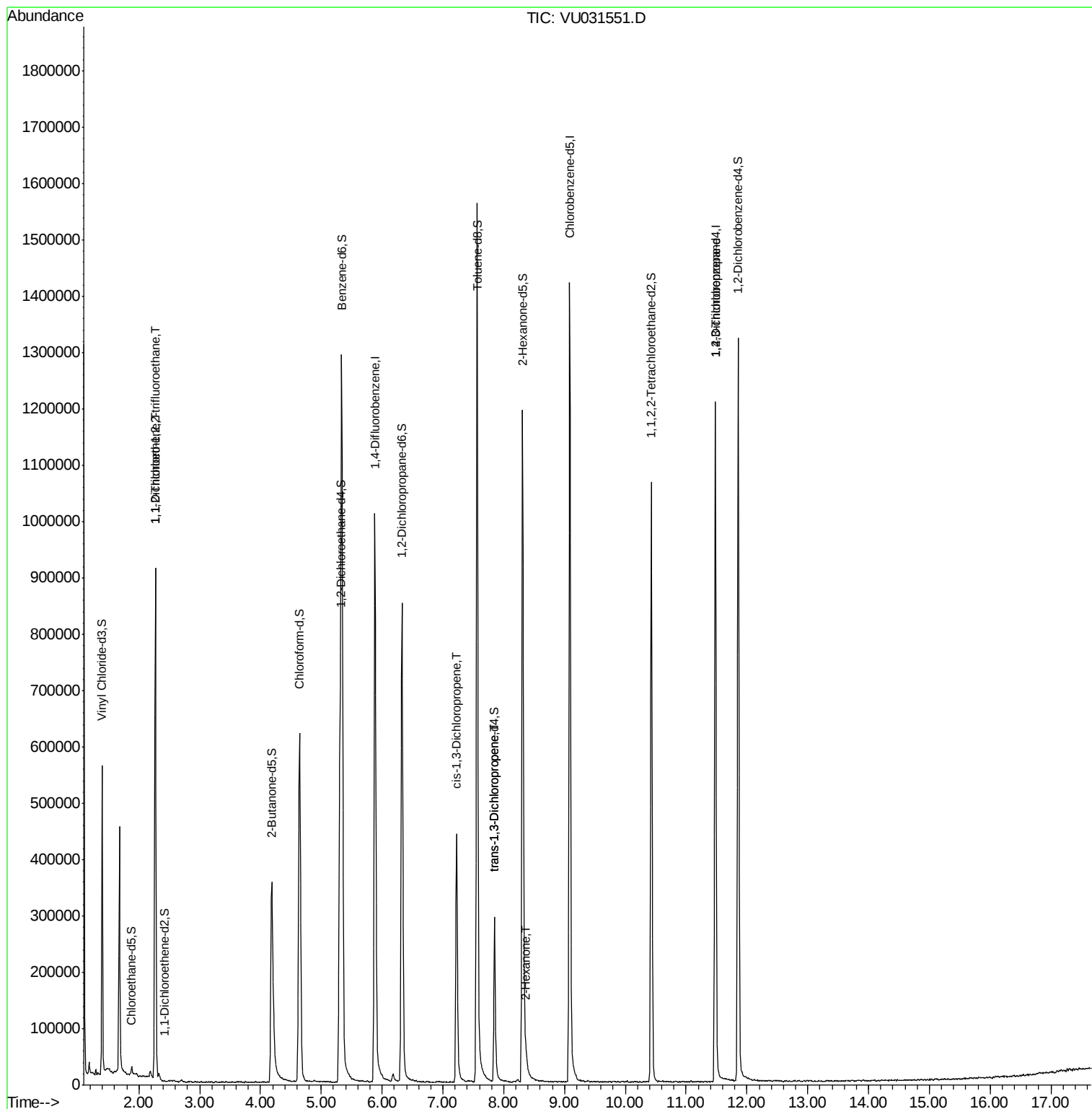
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4562	0.648 ug/L #	22
12) 1,1-Dichloroethene	2.27	96	4198	0.613 ug/L #	1
39) cis-1,3-Dichloropropene	7.23	75	10262	0.937 ug/L	86
44) trans-1,3-Dichloropropene	7.85	75	7233	0.728 ug/L	99
48) 2-Hexanone	8.37	43	16417	1.591 ug/L #	40
59) 1,2,3-Trichloropropane	11.48	75	40837	4.154 ug/L	93

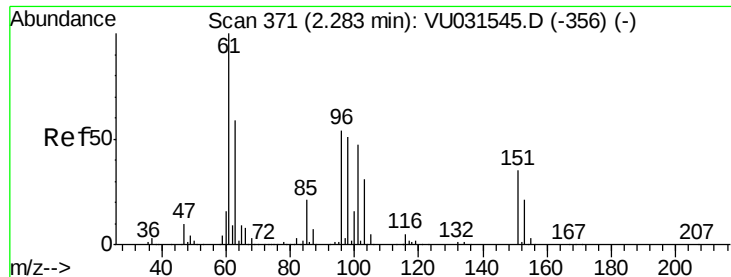
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.648 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

C0XG7

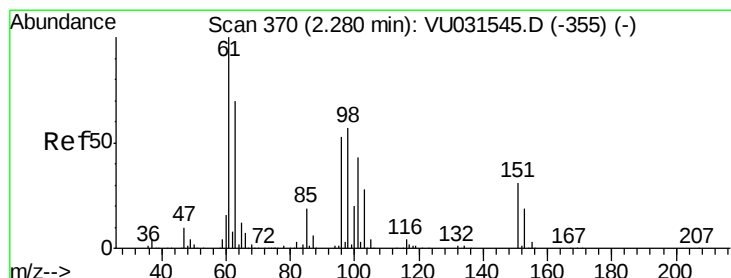
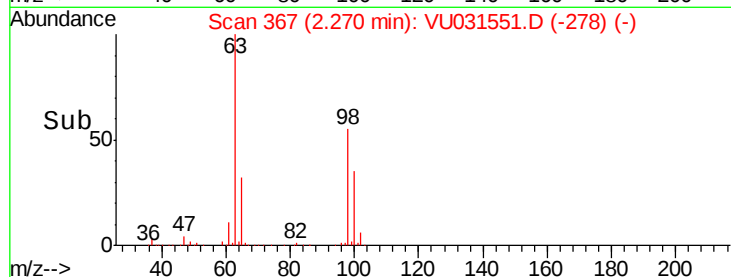
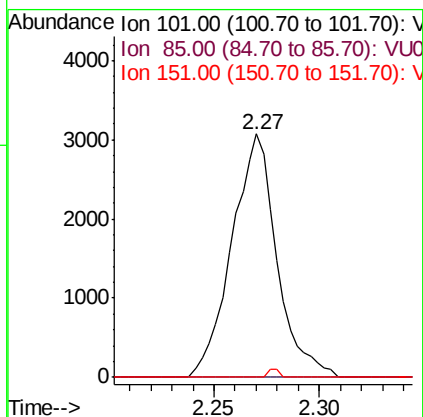
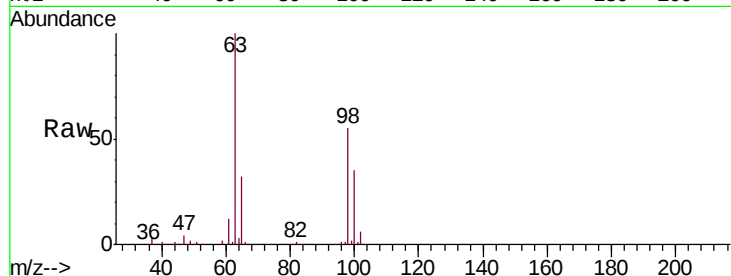
Tgt Ion:101 Resp: 4562

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

151 0.9 56.1 84.1#



#12

1,1-Dichloroethene

Concen: 0.613 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031551.D

Acq: 26 Apr 2019 23:30

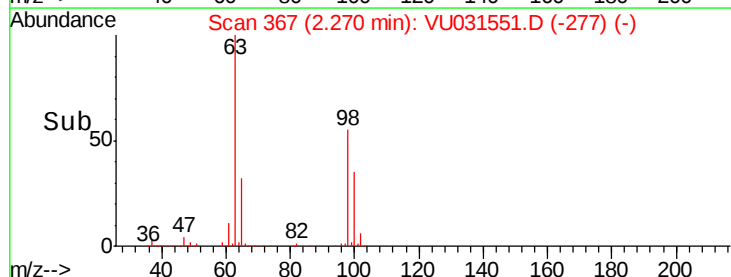
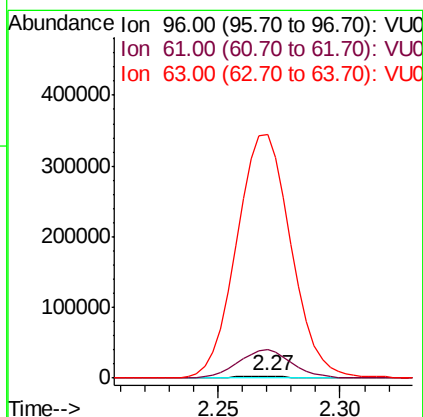
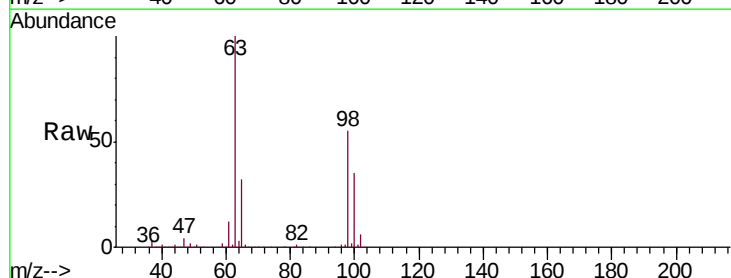
Tgt Ion: 96 Resp: 4198

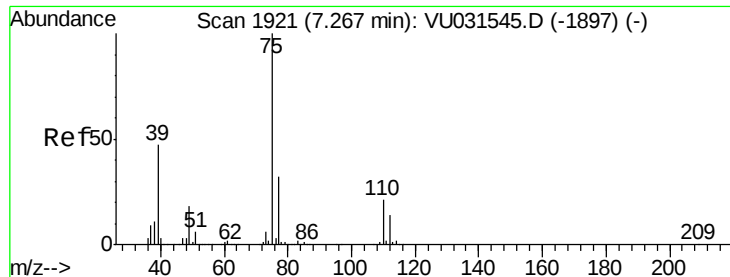
Ion Ratio Lower Upper

96 100

61 1515.2 135.0 250.6#

63 13136.8 103.5 192.3#





#39

cis-1,3-Dichloropropene

Concen: 0.937 ug/L

RT: 7.23 min Scan# 1910

Delta R.T. -0.04 min

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Instrument :

MSVOA_U

ClientSampleId :

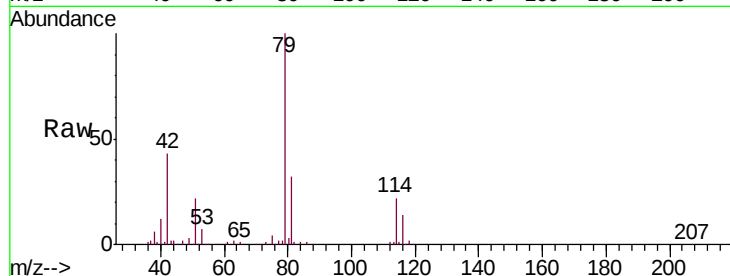
C0XG7

Tgt Ion: 75 Resp: 10262

Ion Ratio Lower Upper

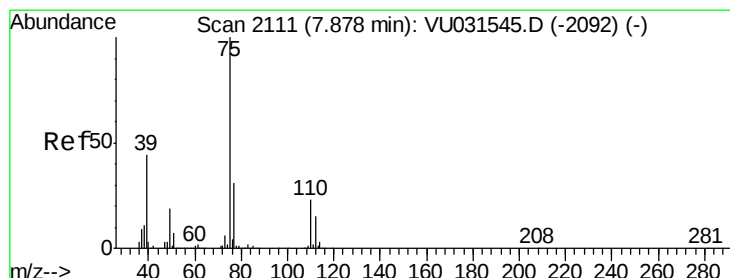
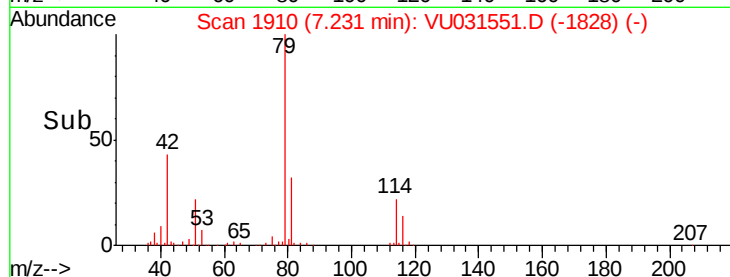
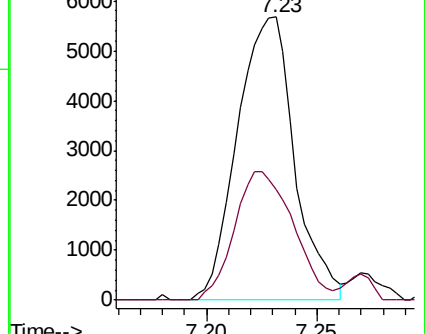
75 100

77 39.2 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.728 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU031551.D

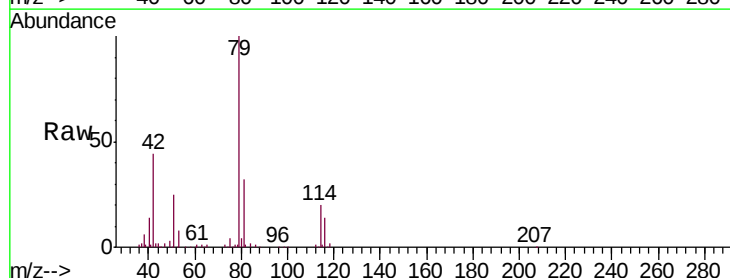
Acq: 26 Apr 2019 23:30

Tgt Ion: 75 Resp: 7233

Ion Ratio Lower Upper

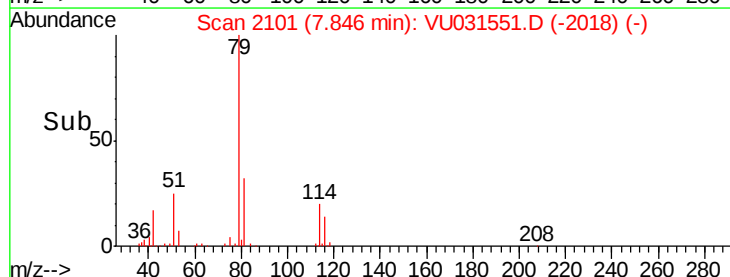
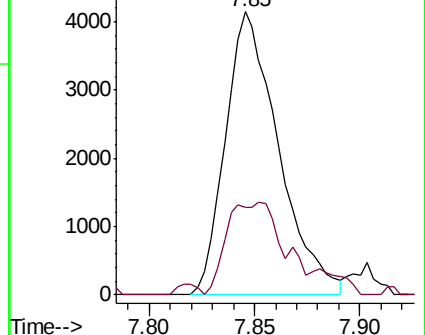
75 100

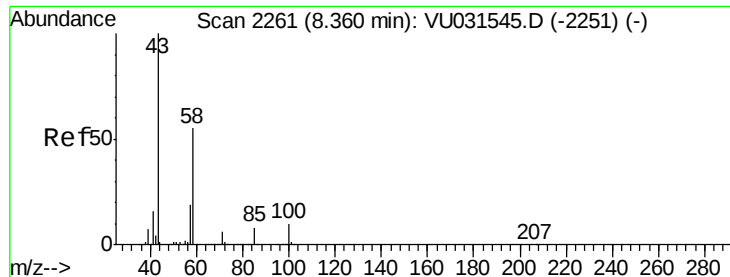
77 30.8 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

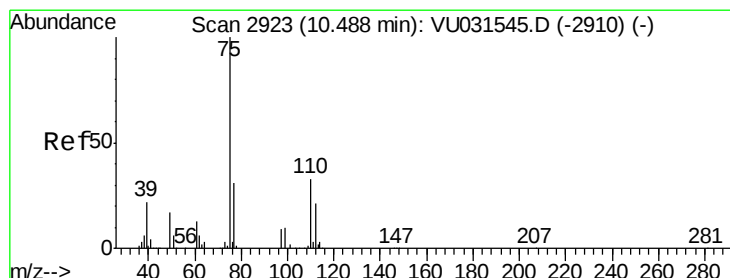
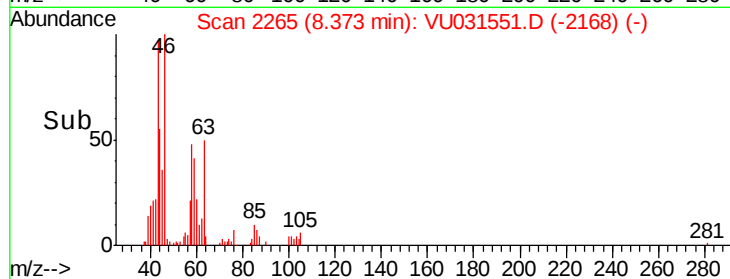
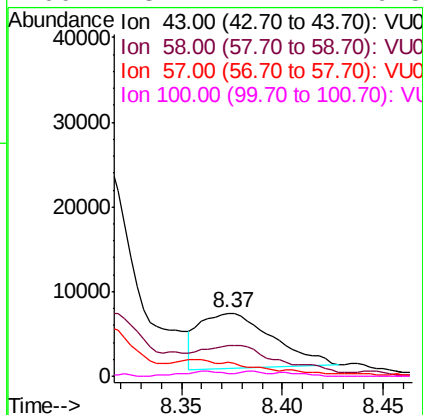
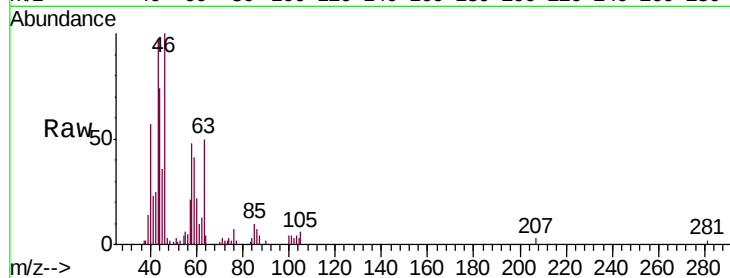




#48
 2-Hexanone
 Concen: 1.591 ug/L
 RT: 8.37 min Scan# 2265
 Delta R.T. 0.01 min
 Lab File: VU031551.D
 Acq: 26 Apr 2019 23:30

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XG7

Tgt Ion:	43	Resp:	16417
Ion	Ratio	Lower	Upper
43	100		
58	0.0	42.1	63.1#
57	0.0	14.6	22.0#
100	3.2	7.2	10.8#



#59
 1,2,3-Trichloropropane
 Concen: 4.154 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU031551.D
 Acq: 26 Apr 2019 23:30

Tgt Ion:	75	Resp:	40837
Ion	Ratio	Lower	Upper
75	100		
77	36.3	25.9	38.9

