

Data File : VU031996.D
Acq On : 14 May 2019 15:52
Operator : JC/SP
Sample : K2738-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB849

Quant Time: May 15 04:30:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 04:26:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1068510	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1044196	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	408223	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	420322	44.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.66%
7) Chloroethane-d5	1.67	69	353467	46.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.12%
11) 1,1-Dichloroethene-d2	2.27	63	580403	34.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.06%
21) 2-Butanone-d5	4.17	46	622520	94.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.81%
24) Chloroform-d	4.64	84	719564	45.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.70%
26) 1,2-Dichloroethane-d4	5.31	65	459824	46.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.04%
32) Benzene-d6	5.34	84	1500286	49.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.26%
36) 1,2-Dichloropropane-d6	6.32	67	502291	50.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.72%
41) Toluene-d8	7.56	98	1293481	47.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.52%
43) trans-1,3-Dichloropropene-	7.85	79	199448	45.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.66%
47) 2-Hexanone-d5	8.31	63	397429	98.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.26%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	684621	46.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.76%
64) 1,2-Dichlorobenzene-d4	11.85	152	438578	51.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.12%

Target Compounds

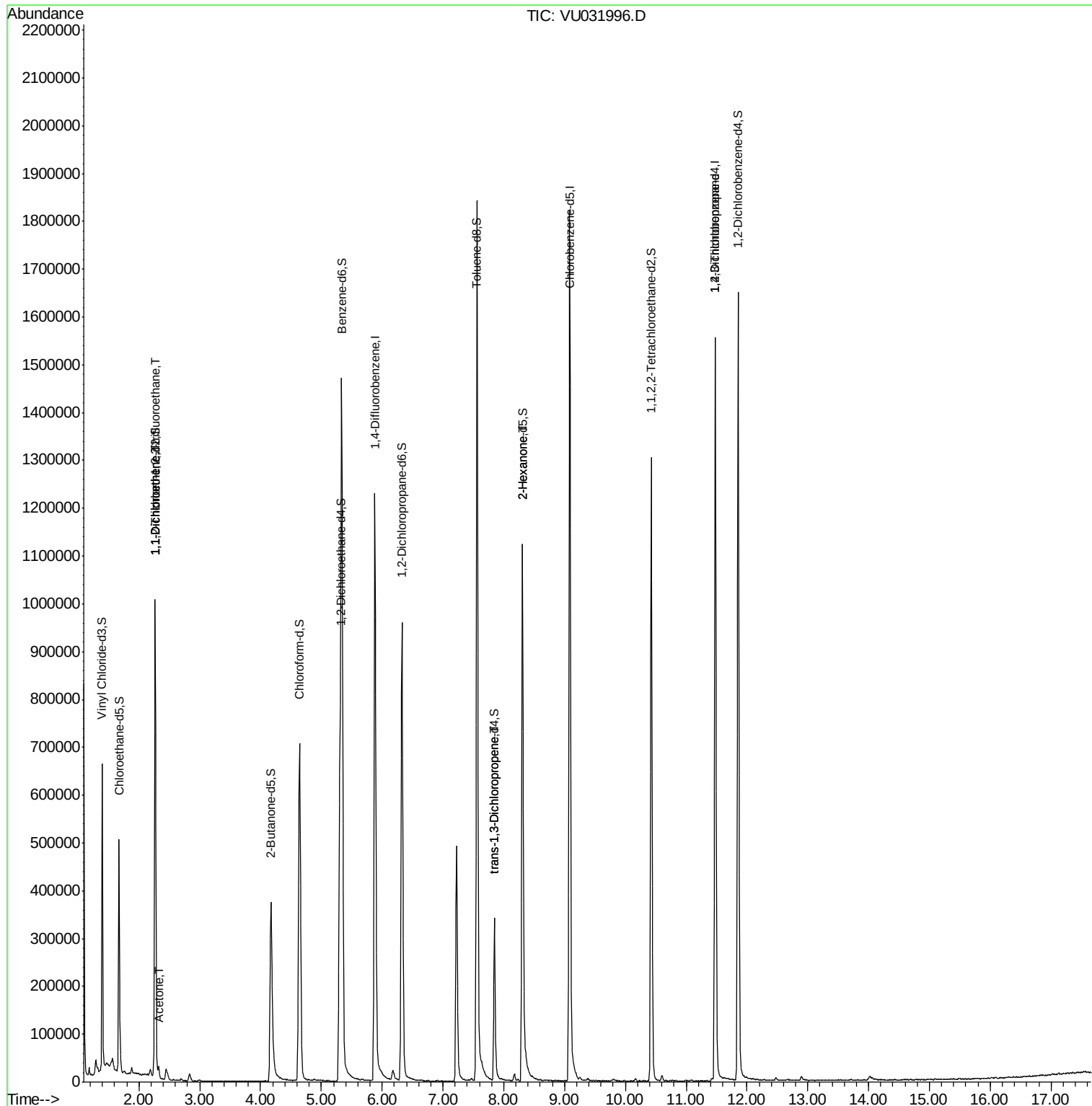
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	5646	0.710 ug/L #	24
12) 1,1-Dichloroethene	2.27	96	5274	0.668 ug/L #	1
13) Acetone	2.32	43	20034	2.968 ug/L	95
44) trans-1,3-Dichloropropene	7.85	75	7909	0.690 ug/L	88
48) 2-Hexanone	8.31	43	45196	4.467 ug/L #	71
59) 1,2,3-Trichloropropane	11.48	75	53065	4.428 ug/L	93

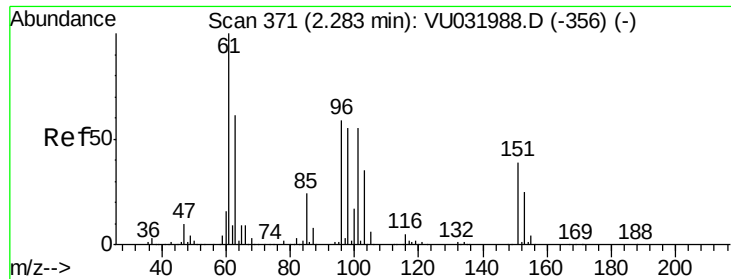
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.710 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU031996.D

Acq: 14 May 2019 15:52

Instrument :

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ClientSampleID :

DB849

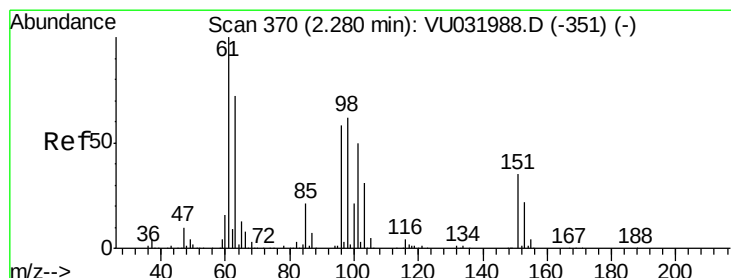
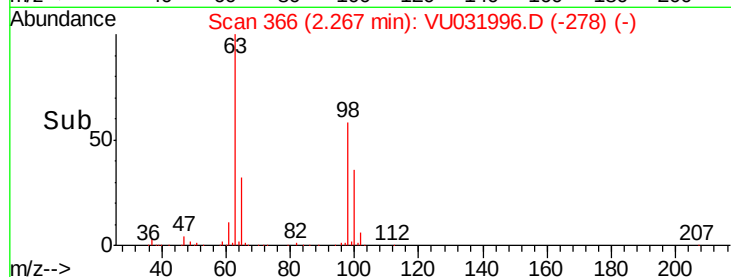
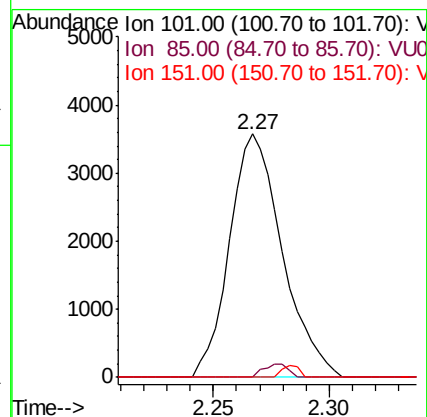
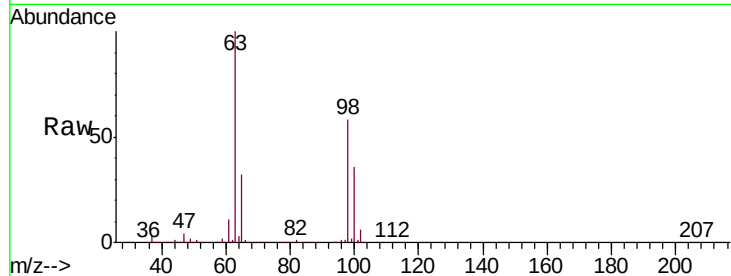
Tgt Ion: 101 Resp: 5646

Ion Ratio Lower Upper

101 100

85 2.5 34.1 51.1#

151 1.5 55.8 83.8#



#12

1,1-Dichloroethene

Concen: 0.668 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031996.D

Acq: 14 May 2019 15:52

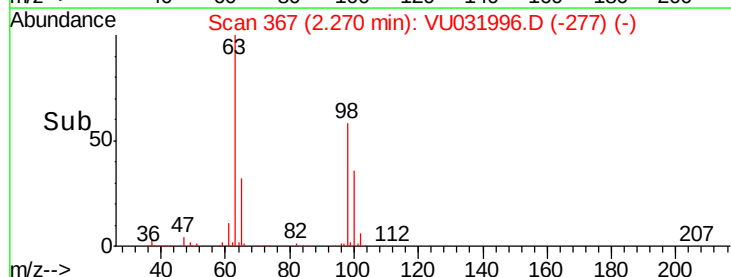
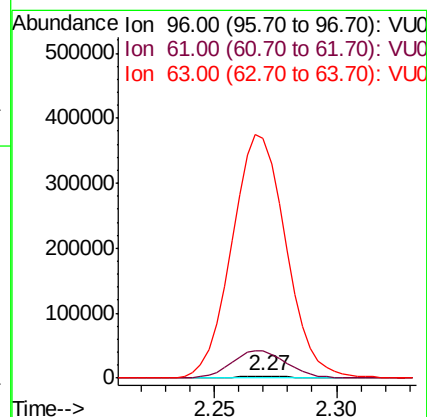
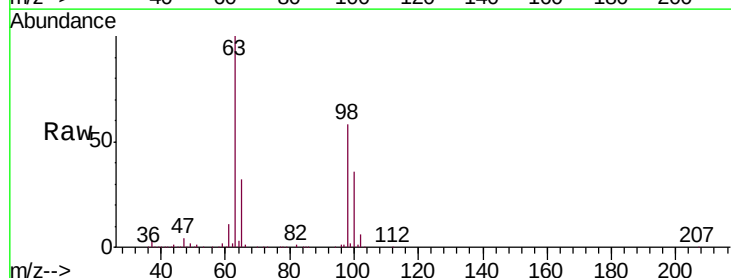
Tgt Ion: 96 Resp: 5274

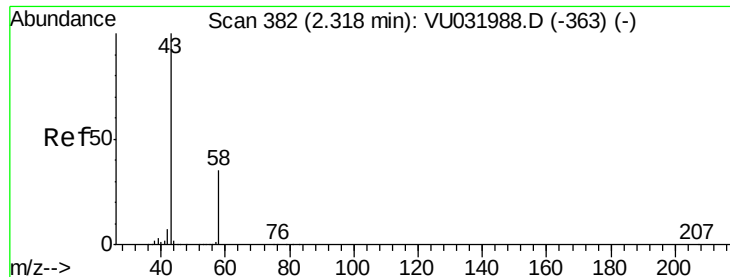
Ion Ratio Lower Upper

96 100

61 1234.6 120.9 224.5#

63 10935.7 84.4 156.8#





#13

Acetone

Concen: 2.968 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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Acq: 14 May 2019 15:52

Instrument :

MSVOA_U

ClientSampleId :

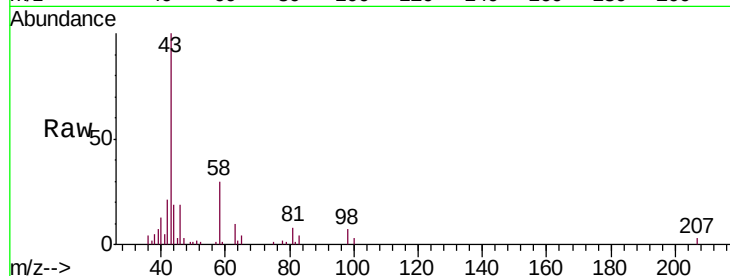
DB849

Tgt Ion: 43 Resp: 20034

Ion Ratio Lower Upper

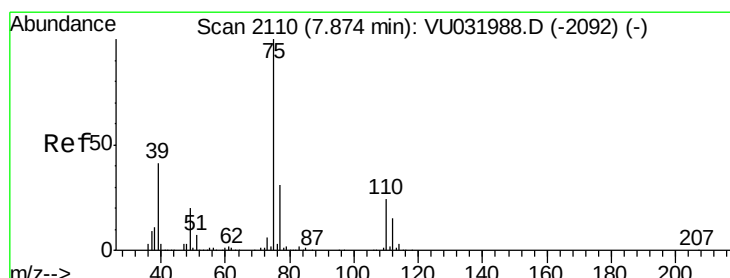
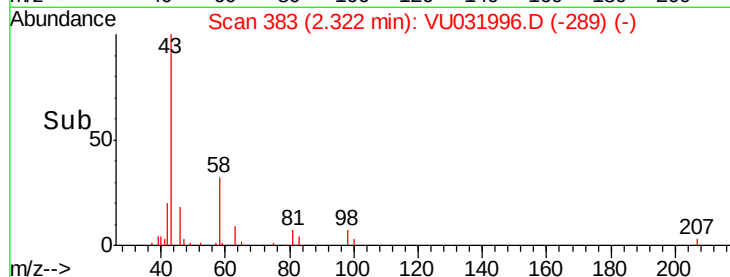
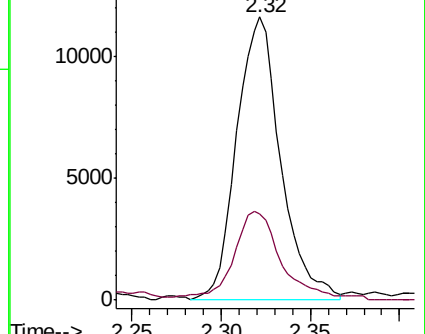
43 100

58 31.4 0.0 68.2



Abundance Ion 43.00 (42.70 to 43.70): VU031988.D (-363) (-)

Ion 58.00 (57.70 to 58.70): VU031988.D (-363) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.690 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU031996.D

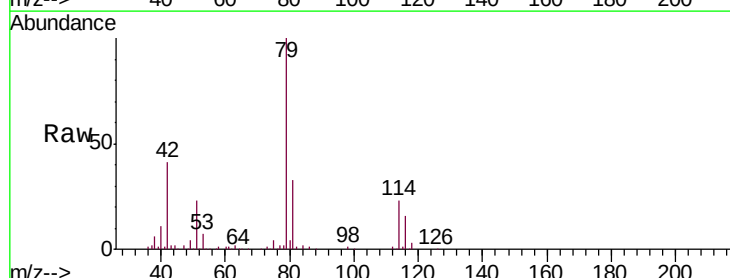
Acq: 14 May 2019 15:52

Tgt Ion: 75 Resp: 7909

Ion Ratio Lower Upper

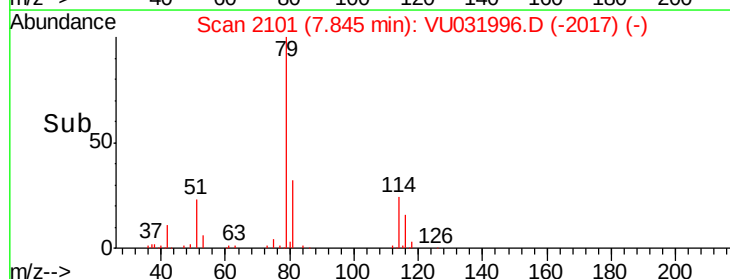
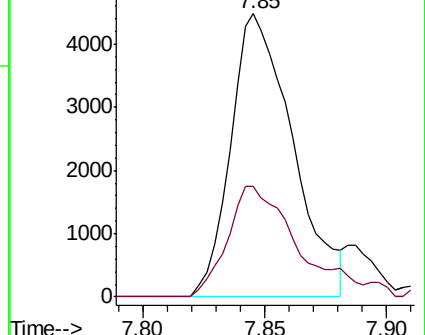
75 100

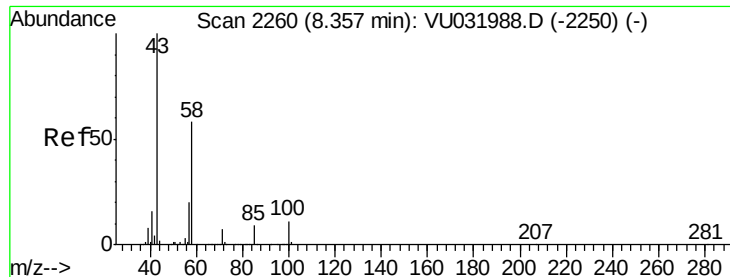
77 38.9 22.5 41.7



Abundance Ion 75.00 (74.70 to 75.70): VU031988.D (-2092) (-)

Ion 77.00 (76.70 to 77.70): VU031988.D (-2092) (-)

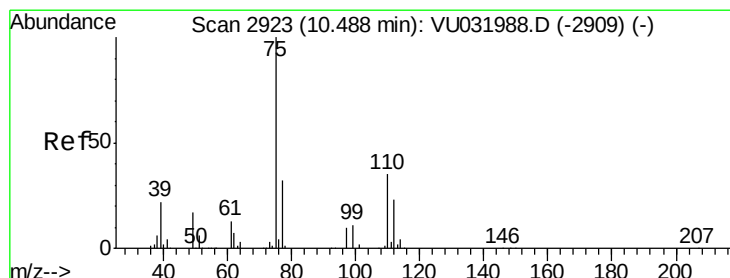
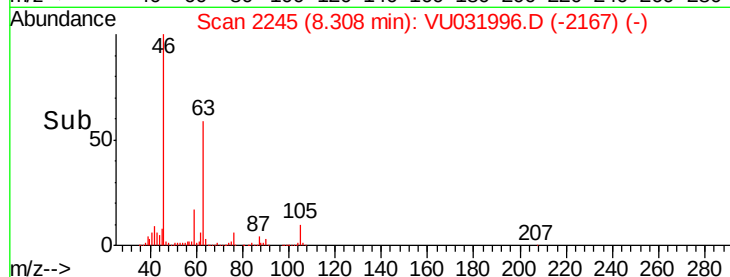
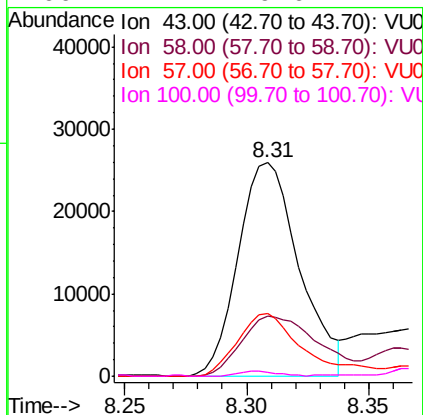
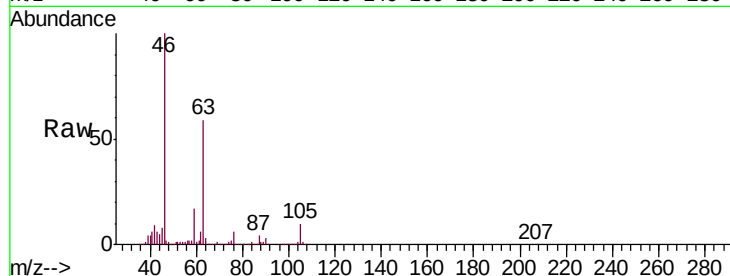




#48
 2-Hexanone
 Concen: 4.467 ug/L
 RT: 8.31 min Scan# 2245
 Delta R.T. -0.05 min
 Lab File: VU031996.D
 Acq: 14 May 2019 15:52

Instrument :
 MSVOA_U
 ClientSampleId :
 DB849

Tgt Ion:	43	Resp:	45196
Ion	Ratio	Lower	Upper
43	100		
58	35.7	47.8	71.6#
57	29.8	16.0	24.0#
100	1.4	9.6	14.4#



#59
 1,2,3-Trichloropropane
 Concen: 4.428 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU031996.D
 Acq: 14 May 2019 15:52

Tgt Ion:	75	Resp:	53065
Ion	Ratio	Lower	Upper
75	100		
77	36.1	25.7	38.5

