

Data File : VU033636.D
Acq On : 08 Aug 2019 14:44
Operator : JC/SP
Sample : K4187-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Aug 09 07:42:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 09 07:39:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	305308	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	300648	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	141035	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	156190	45.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.64%
7) Chloroethane-d5	1.67	69	135352	46.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.80%
11) 1,1-Dichloroethene-d2	2.26	63	207745	37.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.58%
21) 2-Butanone-d5	4.15	46	236535	93.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.71%
24) Chloroform-d	4.62	84	245778	43.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.06%
26) 1,2-Dichloroethane-d4	5.29	65	177567	48.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.42%
32) Benzene-d6	5.32	84	551723	49.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.42%
36) 1,2-Dichloropropane-d6	6.31	67	177234	49.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.44%
41) Toluene-d8	7.55	98	501882	48.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.84%
43) trans-1,3-Dichloropropene-	7.83	79	83961	48.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.24%
47) 2-Hexanone-d5	8.29	63	178141	99.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.81%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	264681	47.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.92%
64) 1,2-Dichlorobenzene-d4	11.85	152	198630	51.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.10%

Target Compounds

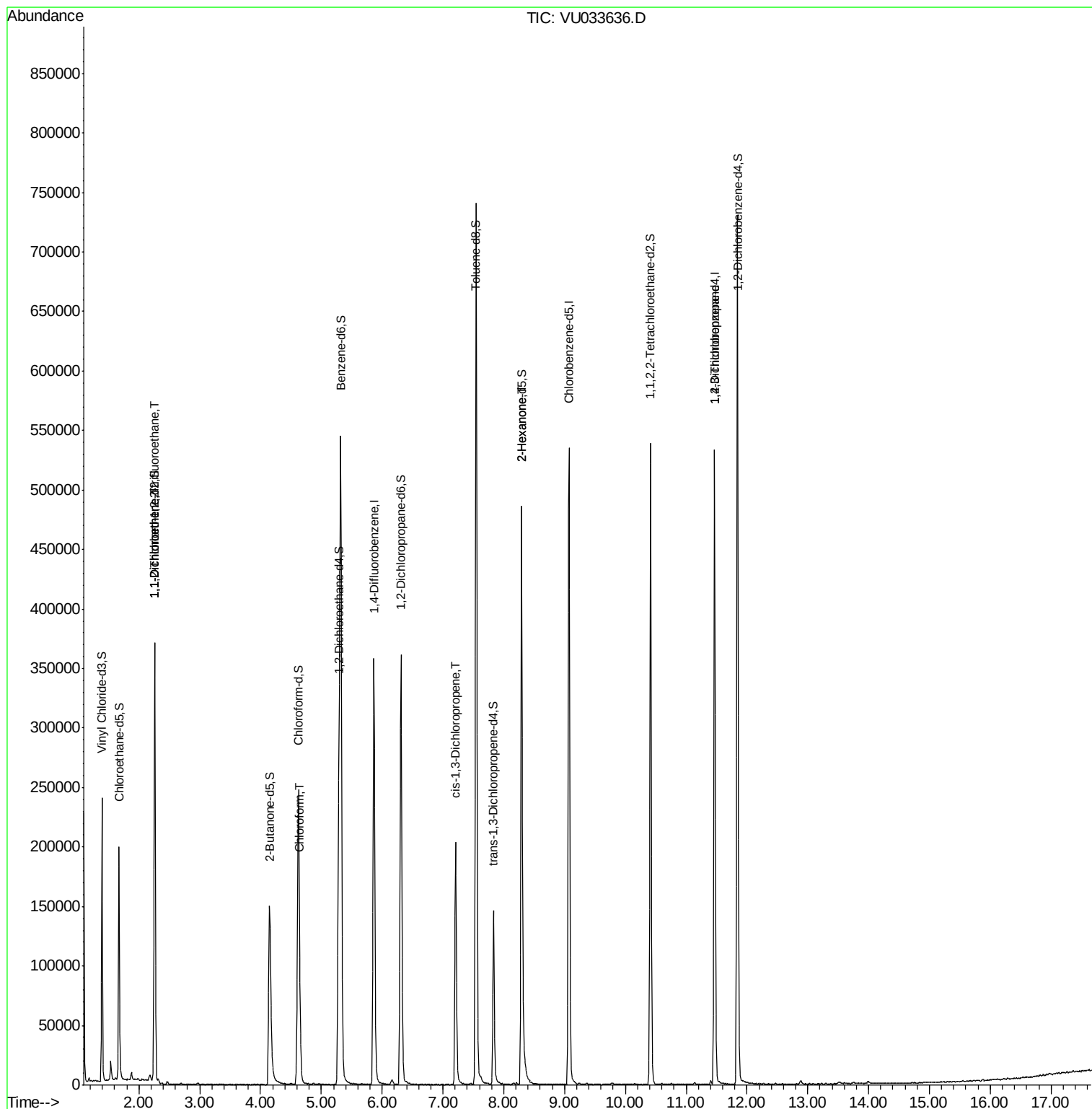
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2091	0.925 ug/L #	27
12) 1,1-Dichloroethene	2.26	96	1943	0.900 ug/L #	1
25) Chloroform	4.65	83	23719	5.158 ug/L	96
39) cis-1,3-Dichloropropene	7.21	75	5201	1.362 ug/L #	50
48) 2-Hexanone	8.29	43	19225	6.266 ug/L #	70
59) 1,2,3-Trichloropropane	11.47	75	17311	4.943 ug/L	93

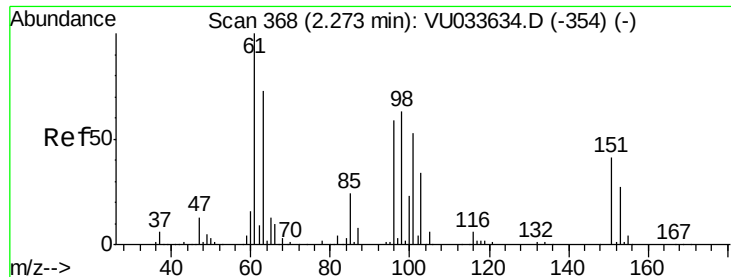
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.925 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.02 min

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Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

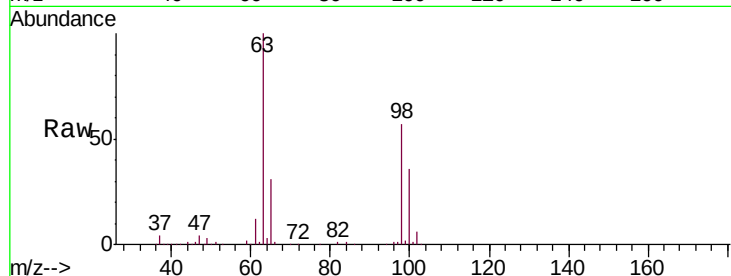
Tgt Ion: 101 Resp: 2091

Ion Ratio Lower Upper

101 100

85 3.6 34.8 52.2#

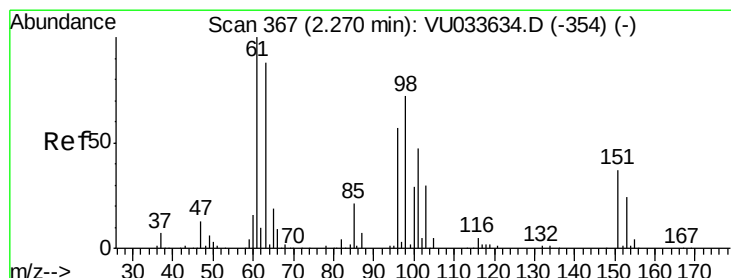
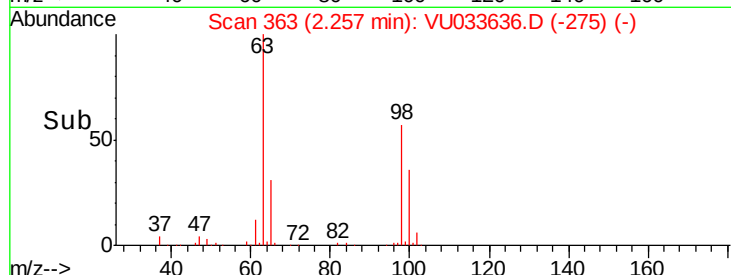
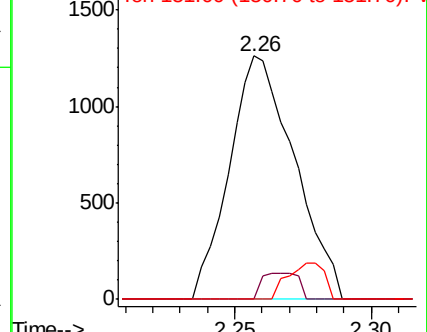
151 8.3 60.4 90.6#



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: 0.900 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

Lab File: VU033636.D

Acq: 08 Aug 2019 14:44

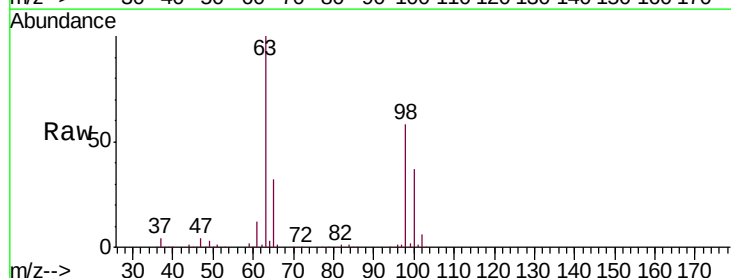
Tgt Ion: 96 Resp: 1943

Ion Ratio Lower Upper

96 100

61 1247.5 124.0 230.2#

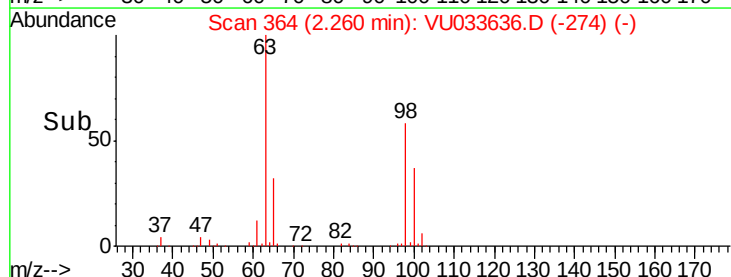
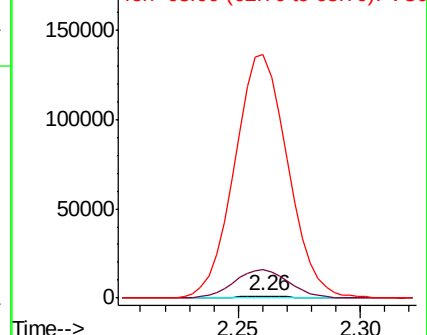
63 10832.7 114.9 213.5#

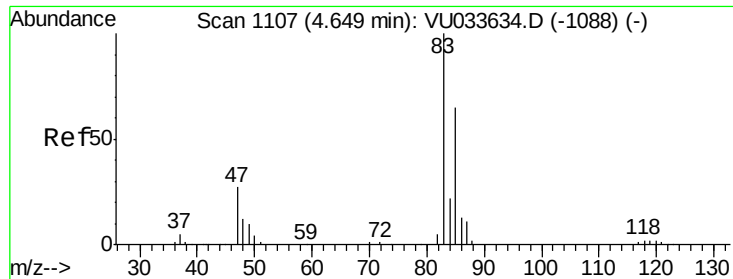


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

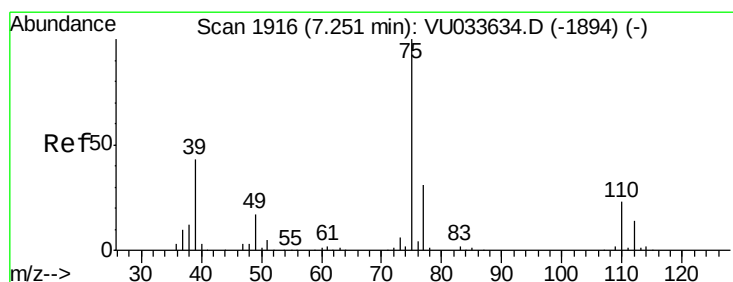
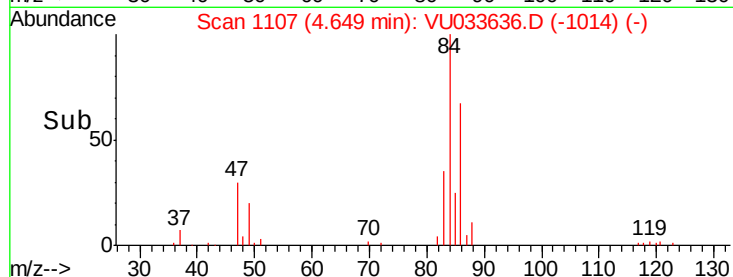
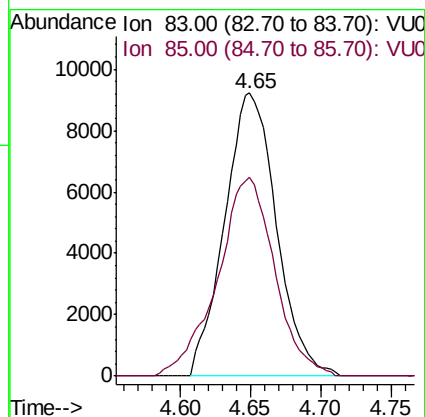
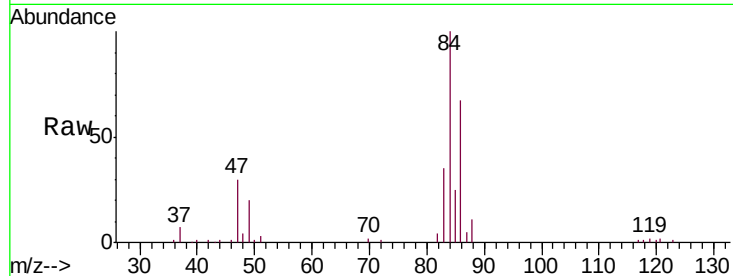




#25
Chloroform
Concen: 5.158 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
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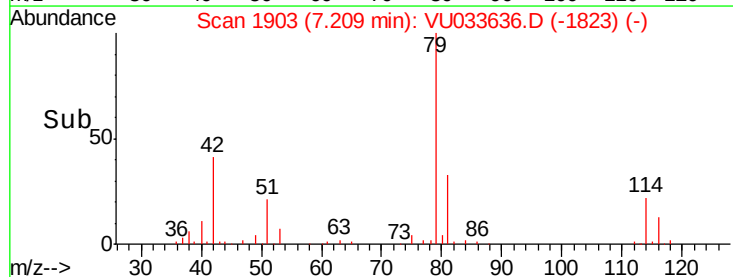
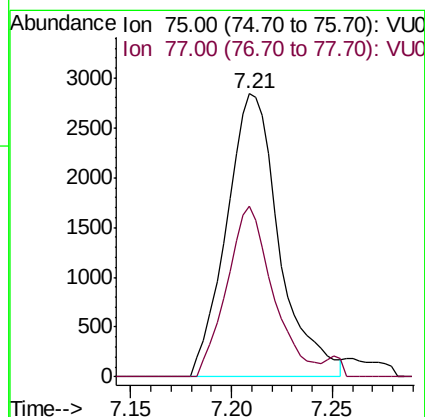
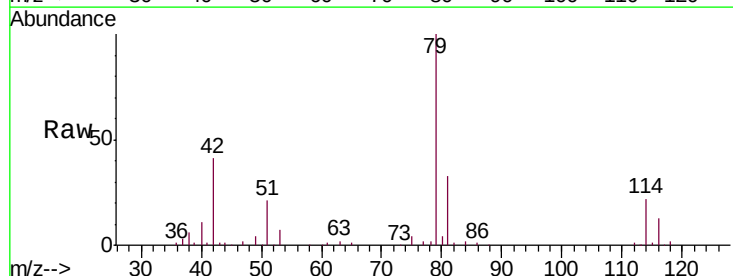
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VHBLK01

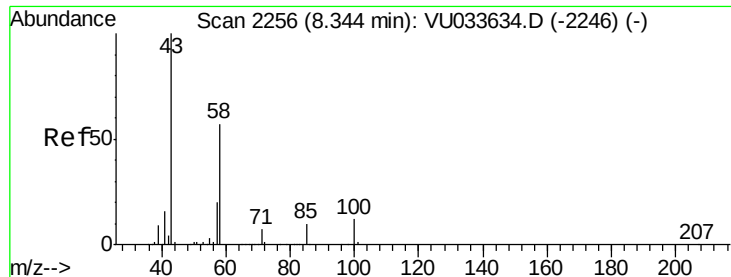
Tgt Ion: 83 Resp: 23719
Ion Ratio Lower Upper
83 100
85 70.3 47.2 87.6



#39
cis-1,3-Dichloropropene
Concen: 1.362 ug/L
RT: 7.21 min Scan# 1903
Delta R.T. -0.04 min
Lab File: VU033636.D
Acq: 08 Aug 2019 14:44

Tgt Ion: 75 Resp: 5201
Ion Ratio Lower Upper
75 100
77 60.3 22.5 41.9#

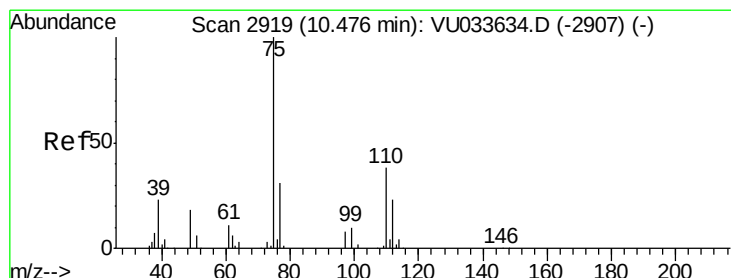
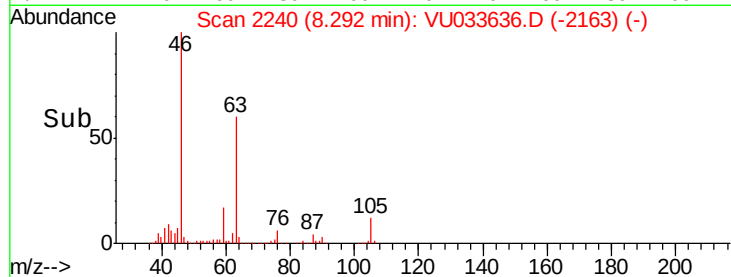
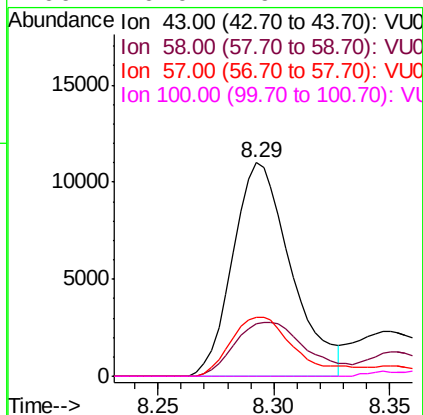
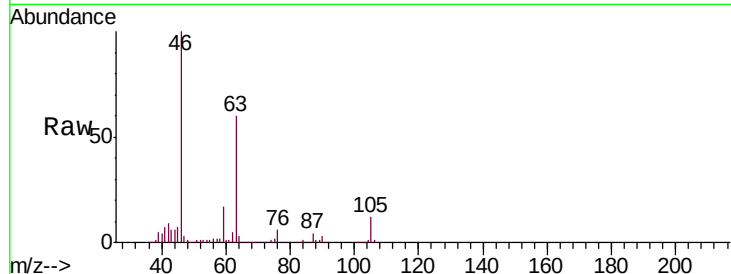




#48
 2-Hexanone
 Concen: 6.266 ug/L
 RT: 8.29 min Scan# 2240
 Delta R.T. -0.05 min
 Lab File: VU033636.D
 Acq: 08 Aug 2019 14:44

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 ClientSampleId :
 VHBLK01

Tgt Ion:	43	Resp:	19225
Ion	Ratio	Lower	Upper
43	100		
58	31.7	44.8	67.2#
57	29.0	15.5	23.3#
100	0.0	9.4	14.2#



#59
 1,2,3-Trichloropropane
 Concen: 4.943 ug/L
 RT: 11.47 min Scan# 3227
 Delta R.T. 0.99 min
 Lab File: VU033636.D
 Acq: 08 Aug 2019 14:44

Tgt Ion:	75	Resp:	17311
Ion	Ratio	Lower	Upper
75	100		
77	35.5	25.5	38.3

