

Data File : VU035002.D
Acq On : 09 Oct 2019 12:46
Operator : JC/SP
Sample : VU1009WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK15

Quant Time: Oct 10 03:39:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 10 03:36:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	160422	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	160578	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	67081	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	59138	6.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	124.80%
7) Chloroethane-d5	1.67	69	53222	6.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	120.20%
11) 1,1-Dichloroethene-d2	2.26	63	84375	4.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.40%
20) 2-Butanone-d5	4.18	46	164765	59.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.00%
24) Chloroform-d	4.62	84	104154	5.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.40%
26) 1,2-Dichloroethane-d4	5.29	65	59151	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.40%
32) Benzene-d6	5.32	84	212196	5.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.80%
36) 1,2-Dichloropropane-d6	6.31	67	70623	5.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.20%
41) Toluene-d8	7.55	98	183950	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
43) trans-1,3-Dichloropropene-	7.84	79	21213	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	8.30	63	120443	55.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.80%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	58048	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.40%
64) 1,2-Dichlorobenzene-d4	11.84	152	65775	5.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.20%

Target Compounds

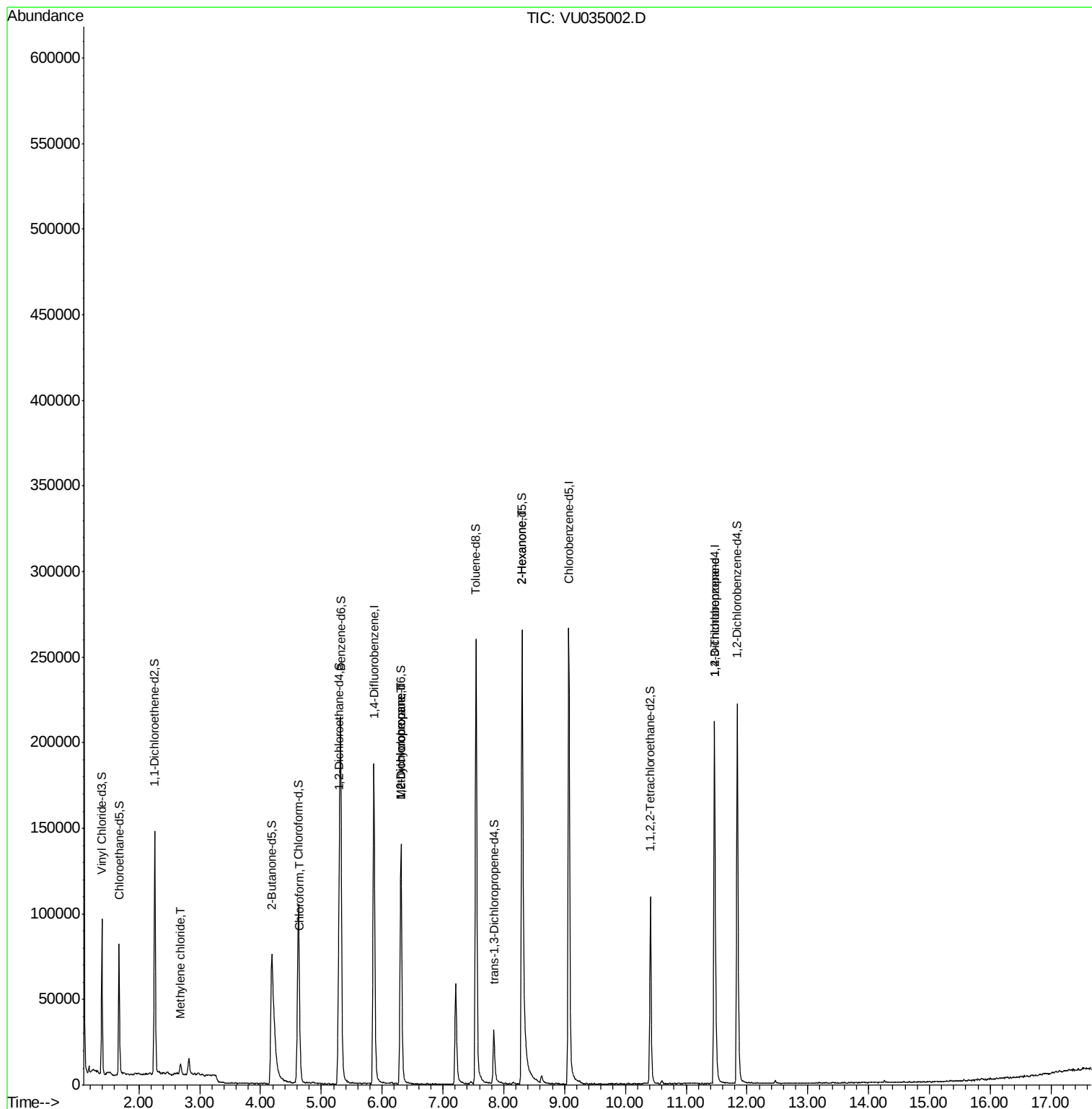
					Qvalue
16) Methylene chloride	2.68	84	2769	0.217 ug/L	87
25) Chloroform	4.65	83	4952	0.201 ug/L	91
35) Methylcyclohexane	6.31	83	15862	0.785 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	7657	0.587 ug/L #	88
48) 2-Hexanone	8.30	43	13299	2.362 ug/L #	67
59) 1,2,3-Trichloropropane	11.47	75	8331	0.986 ug/L	96

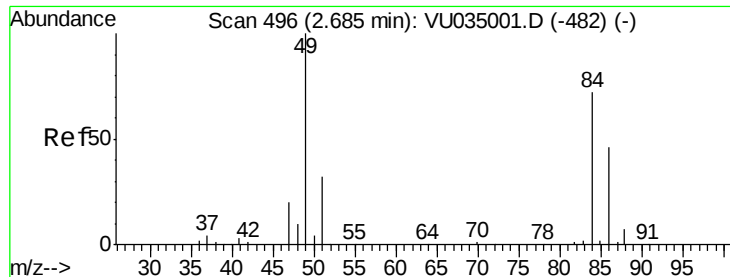
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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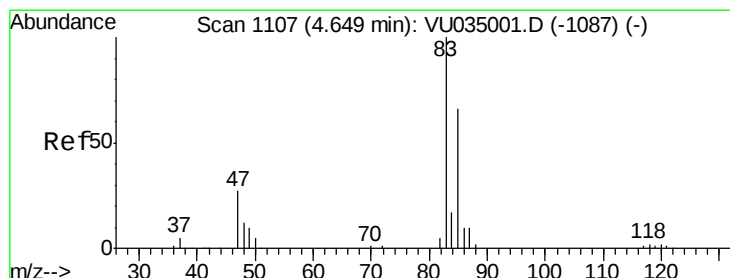
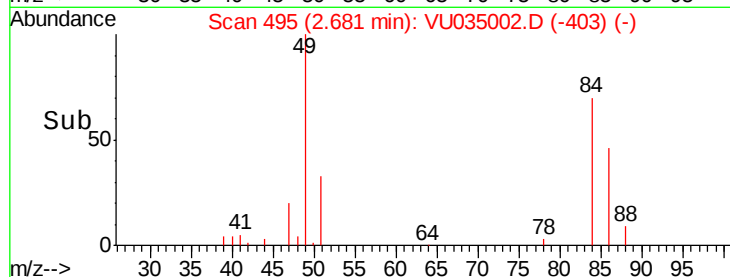
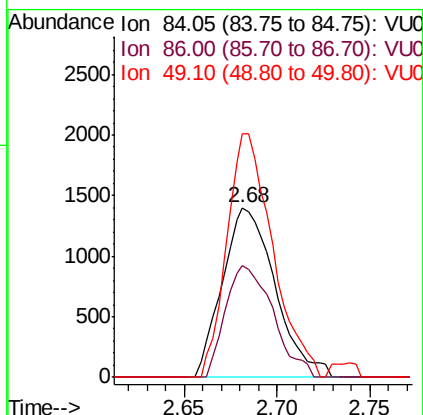
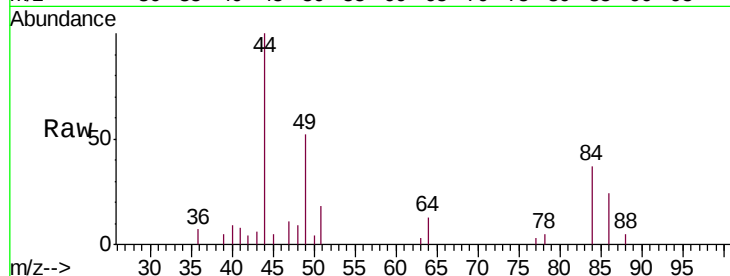




#16
Methylene chloride
Concen: 0.217 ug/L
RT: 2.68 min Scan# 495
Delta R.T. -0.00 min
Lab File: VU035002.D
Acq: 09 Oct 2019 12:46

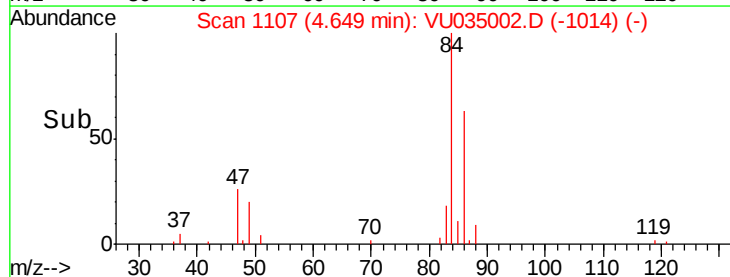
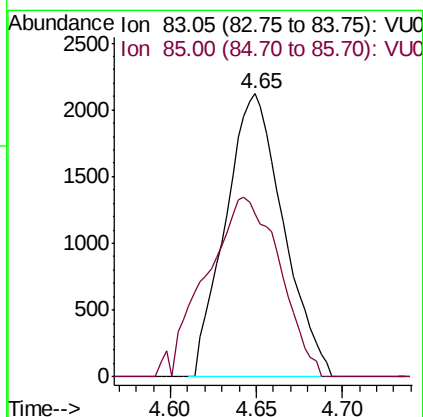
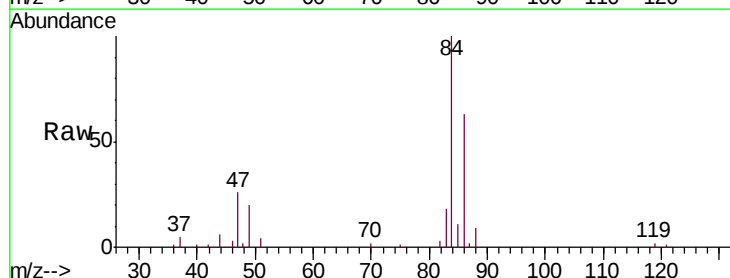
Instrument :
MSVOA_U
ClientSampled :
VBLK15

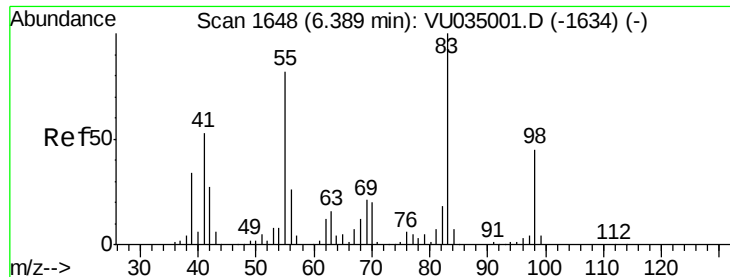
Tgt Ion: 84 Resp: 2769
Ion Ratio Lower Upper
84 100
86 65.9 42.5 78.9
49 143.1 86.9 161.3



#25
Chloroform
Concen: 0.201 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VU035002.D
Acq: 09 Oct 2019 12:46

Tgt Ion: 83 Resp: 4952
Ion Ratio Lower Upper
83 100
85 57.5 45.4 84.4





#35

Methylcyclohexane

Concen: 0.785 ug/L

RT: 6.31 min Scan# 1624

Delta R.T. -0.08 min

Lab File: VU035002.D

Acq: 09 Oct 2019 12:46

Instrument :

MSVOA_U

ClientSampleId :

VBLK15

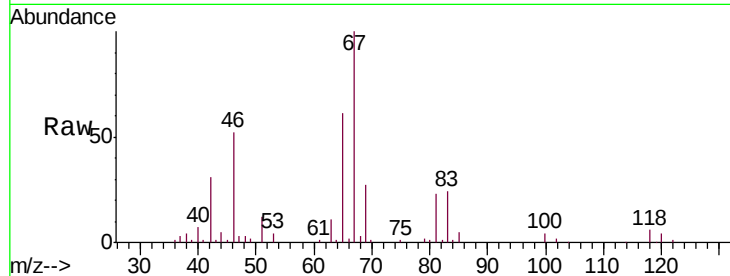
Tgt Ion: 83 Resp: 15862

Ion Ratio Lower Upper

83 100

55 0.0 62.6 94.0#

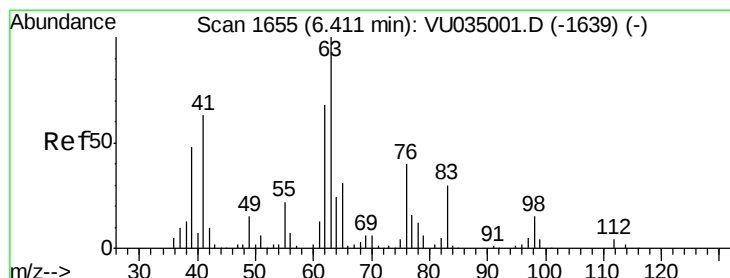
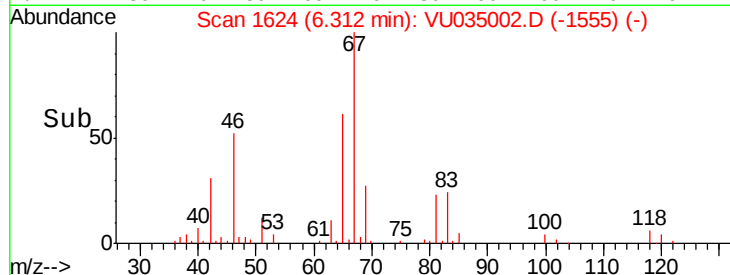
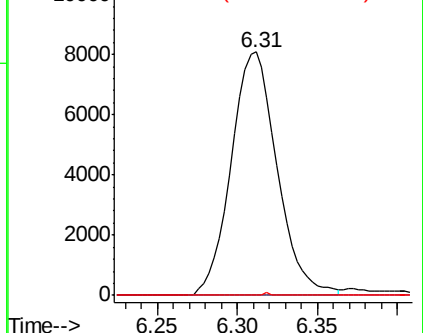
98 0.1 36.2 54.2#



Abundance Ion 83.15 (82.85 to 83.85): VU035002.D (-1555) (-)

Ion 55.10 (54.80 to 55.80): VU035002.D (-1555) (-)

Ion 98.15 (97.85 to 98.85): VU035002.D (-1555) (-)



#37

1,2-Dichloropropane

Concen: 0.587 ug/L

RT: 6.31 min Scan# 1624

Delta R.T. -0.10 min

Lab File: VU035002.D

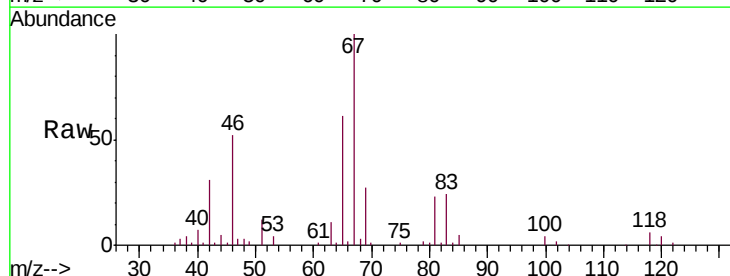
Acq: 09 Oct 2019 12:46

Tgt Ion: 63 Resp: 7657

Ion Ratio Lower Upper

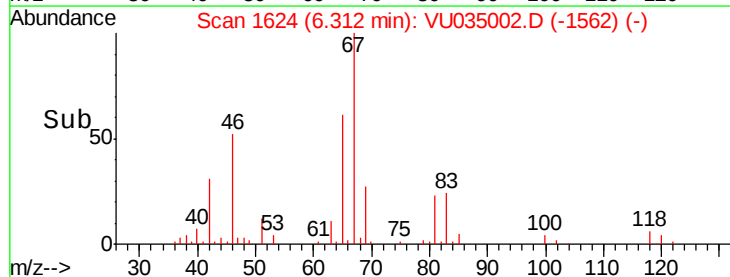
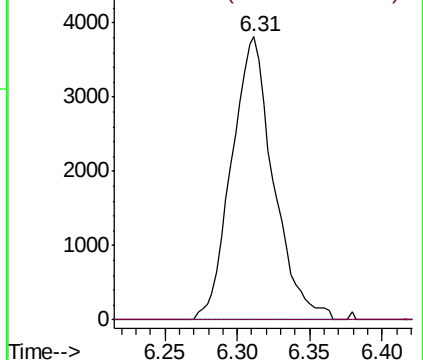
63 100

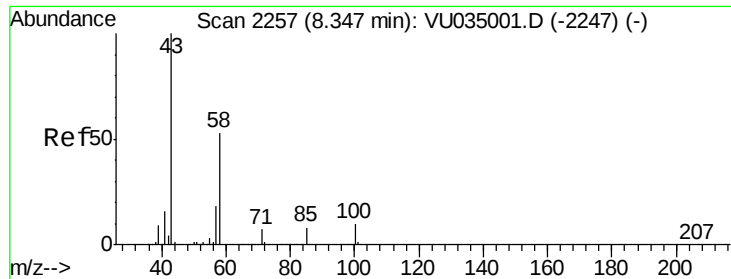
112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU035002.D (-1562) (-)

Ion 112.10 (111.80 to 112.80): VU035002.D (-1562) (-)

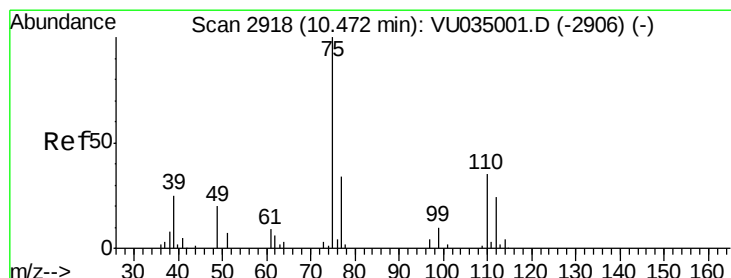
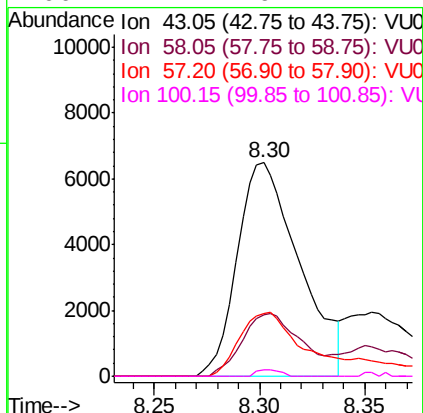
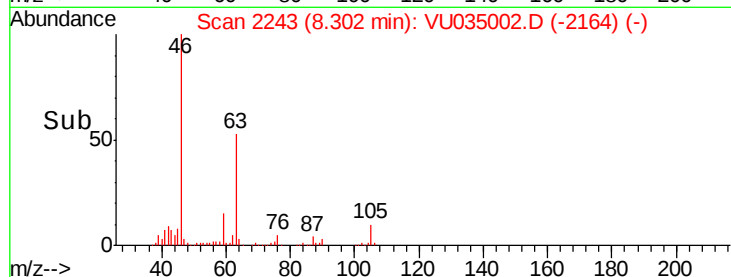
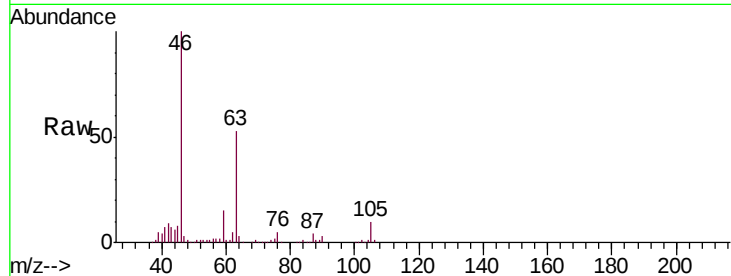




#48
 2-Hexanone
 Concen: 2.362 ug/L
 RT: 8.30 min Scan# 2243
 Delta R.T. -0.05 min
 Lab File: VU035002.D
 Acq: 09 Oct 2019 12:46

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK15

Tgt Ion:	43	Resp:	13299
Ion	Ratio	Lower	Upper
43	100		
58	27.6	44.1	66.1#
57	29.9	15.8	23.8#
100	1.1	9.4	14.2#



#59
 1,2,3-Trichloropropane
 Concen: 0.986 ug/L
 RT: 11.47 min Scan# 3227
 Delta R.T. 0.99 min
 Lab File: VU035002.D
 Acq: 09 Oct 2019 12:46

Tgt Ion:	75	Resp:	8331
Ion	Ratio	Lower	Upper
75	100		
77	35.1	26.5	39.7

