

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011321\
 Data File : VW017867.D
 Acq On : 13 Jan 2021 22:58
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Quant Time: Jan 14 11:44:44 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 14 11:39:57 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	337315	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	317935	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	152230	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	117790	22.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.28%
7) Chloroethane-d5	2.89	69	98960	22.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.88%
10) 1,1-Dichloroethene-d2	4.02	63	155844	17.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.56%
20) 2-Butanone-d5	7.07	46	49900	58.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.98%
24) Chloroform-d	7.65	84	214345	24.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.28%
26) 1,2-Dichloroethane-d4	8.42	65	112	0.02	ug/L	0.12
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	429012	23.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.80%
33) 1,2-Dichloropropane-d6	9.27	67	124201	25.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.64%
37) Toluene-d8	10.32	98	387307	22.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.08%
38) trans-1,3-Dichloropropene-	10.58	79	47735	21.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.76%
39) 2-Hexanone-d5	10.93	63	34894	56.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	94429	25.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	122868	23.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.72%

Target Compounds

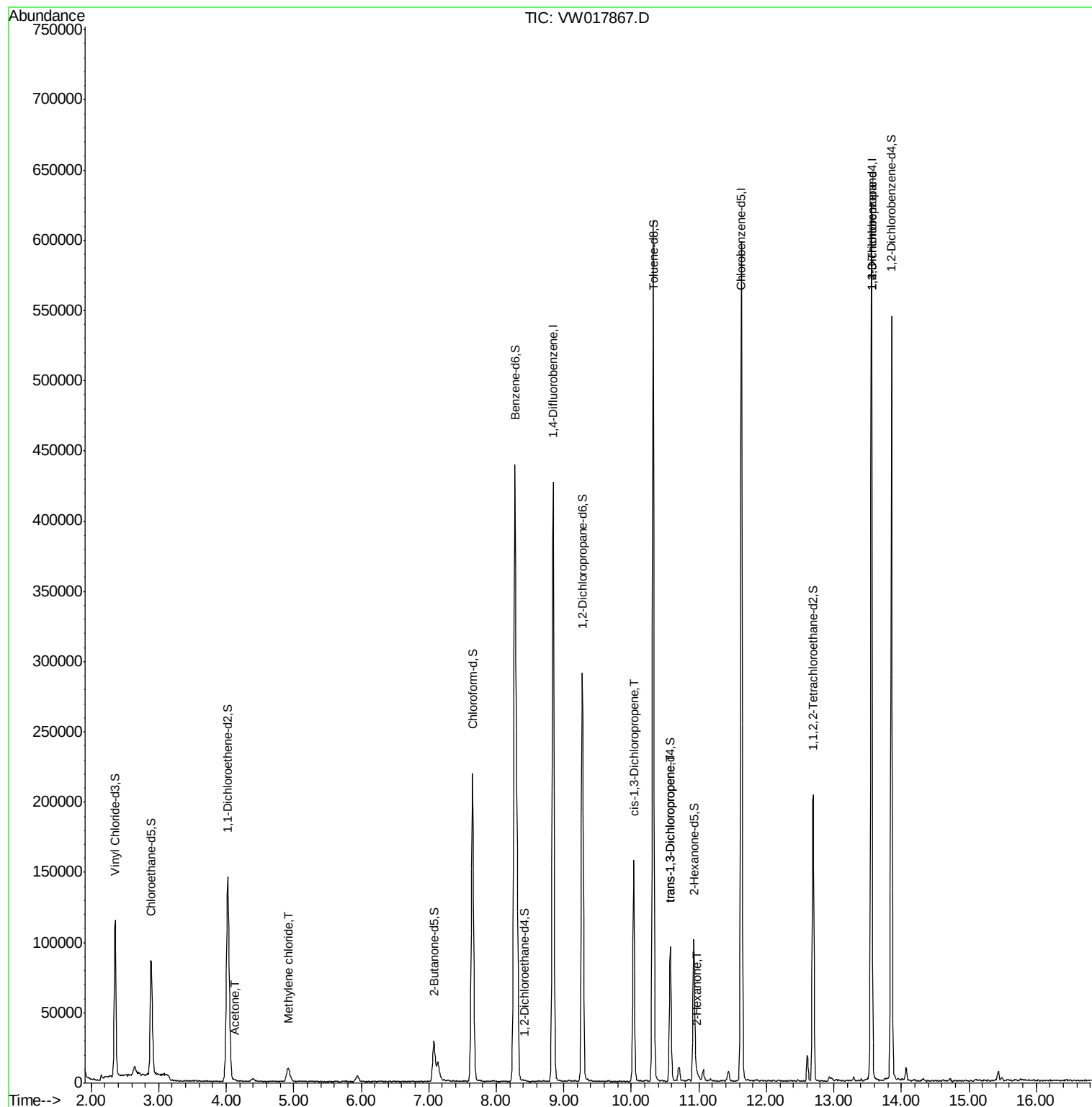
					Qvalue
13) Acetone	4.13	43	357	0.489 ug/L	74
16) Methylene chloride	4.91	84	8019	1.662 ug/L	80
42) cis-1,3-Dichloropropene	10.04	75	4708	0.687 ug/L #	48
45) trans-1,3-Dichloropropene	10.58	75	2924	0.501 ug/L	100
49) 2-Hexanone	10.98	43	798	0.539 ug/L #	87
59) 1,2,3-Trichloropropane	13.56	75	22878	8.741 ug/L	97

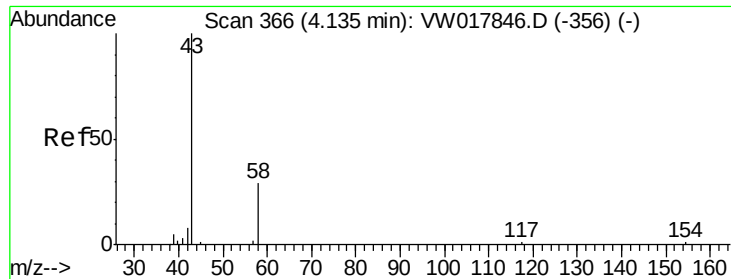
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jan 14 11:39:57 2021
Response via : Initial Calibration





#13

Acetone

Concen: 0.489 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW017867.D

Acq: 13 Jan 2021 22:58

Instrument :

MSVOA_W

ClientSampled :

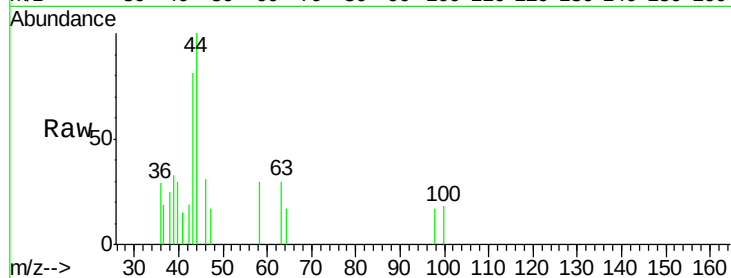
VIBLK

Tgt Ion: 43 Resp: 357

Ion Ratio Lower Upper

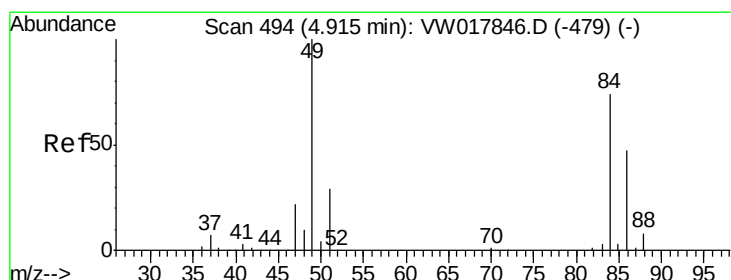
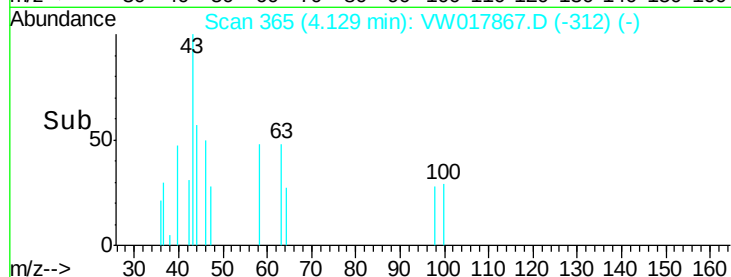
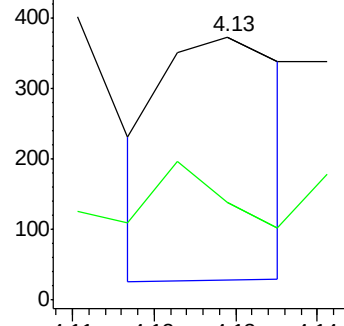
43 100

58 44.8 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.662 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW017867.D

Acq: 13 Jan 2021 22:58

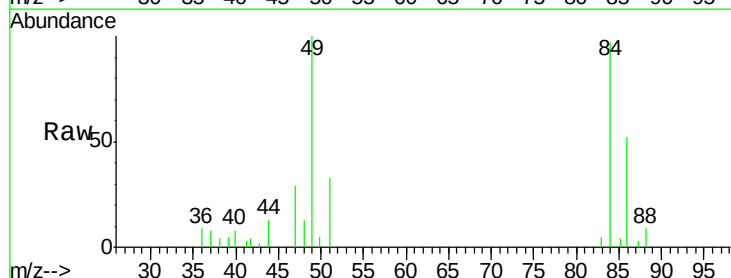
Tgt Ion: 84 Resp: 8019

Ion Ratio Lower Upper

84 100

49 102.7 90.5 168.1

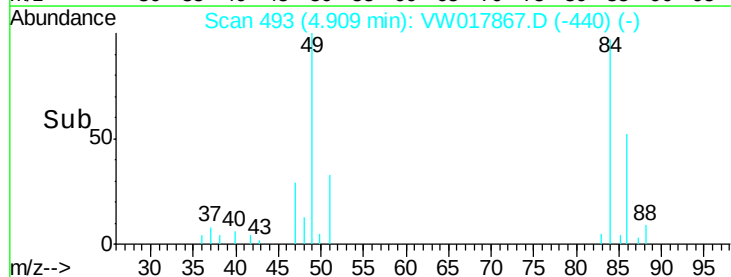
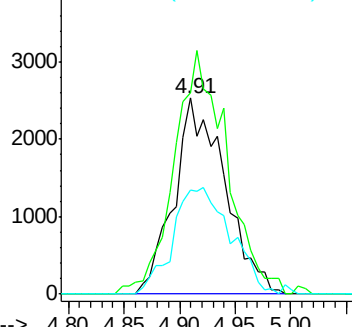
86 53.0 44.8 83.2

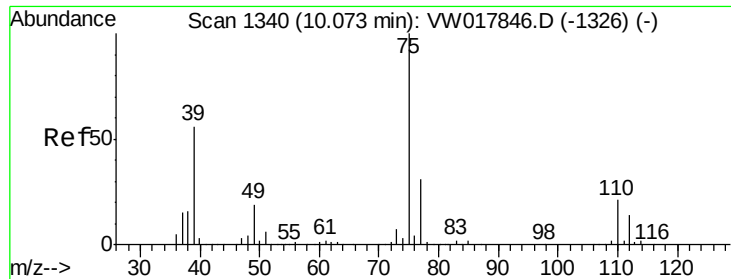


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

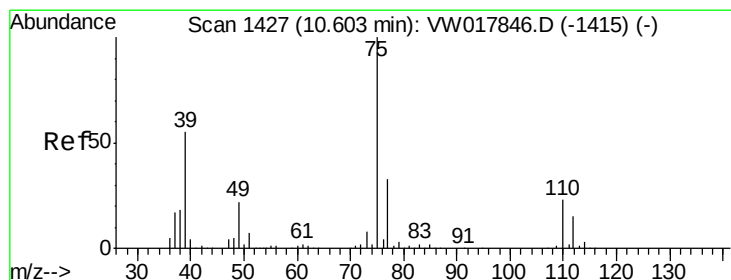
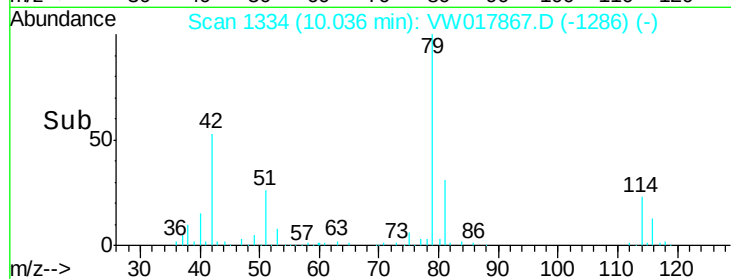
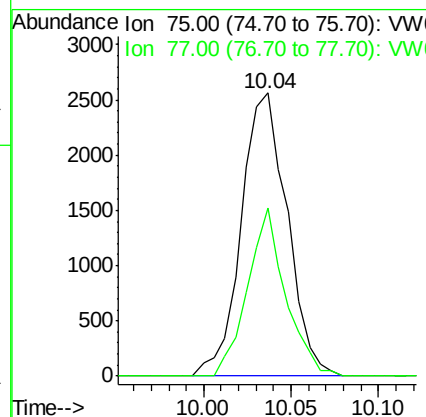
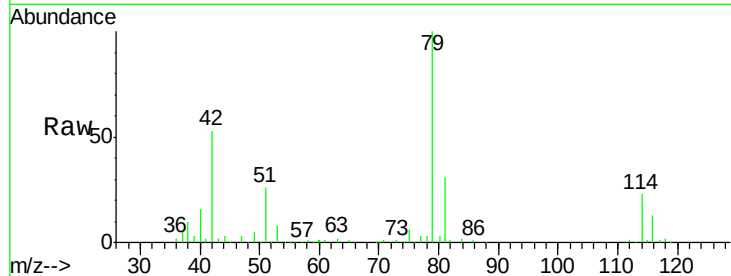




#42
 cis-1,3-Dichloropropene
 Concen: 0.687 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW017867.D
 Acq: 13 Jan 2021 22:58

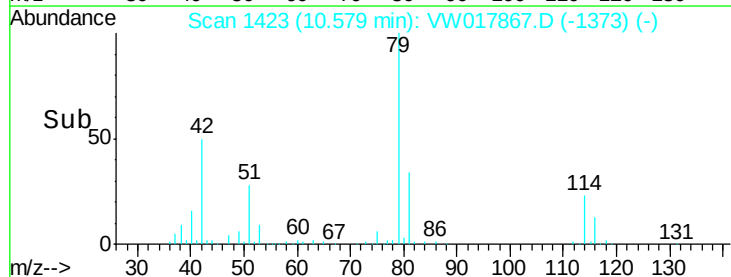
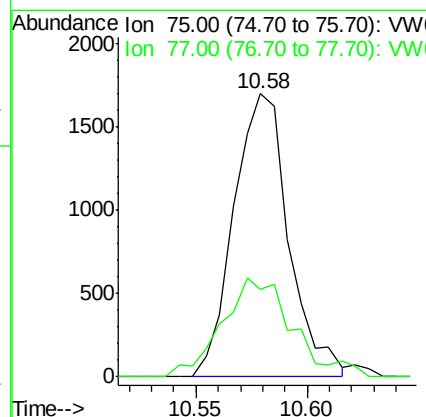
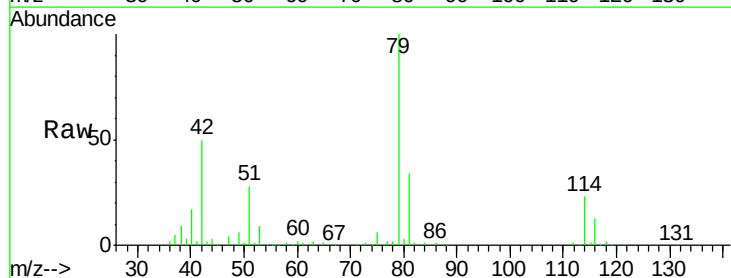
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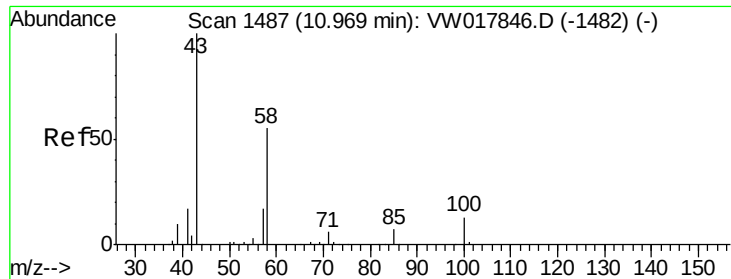
Tgt Ion: 75 Resp: 4708
 Ion Ratio Lower Upper
 75 100
 77 59.2 21.6 40.2#



#45
 trans-1,3-Dichloropropene
 Concen: 0.501 ug/L
 RT: 10.58 min Scan# 1423
 Delta R.T. -0.02 min
 Lab File: VW017867.D
 Acq: 13 Jan 2021 22:58

Tgt Ion: 75 Resp: 2924
 Ion Ratio Lower Upper
 75 100
 77 31.0 21.6 40.0

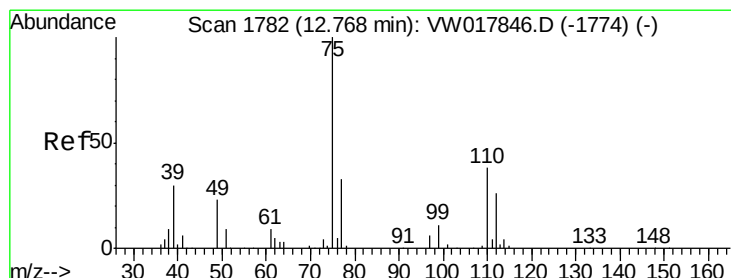
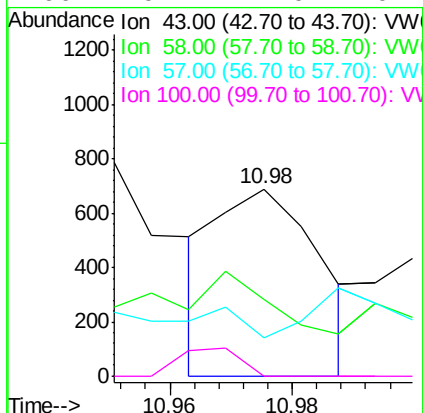
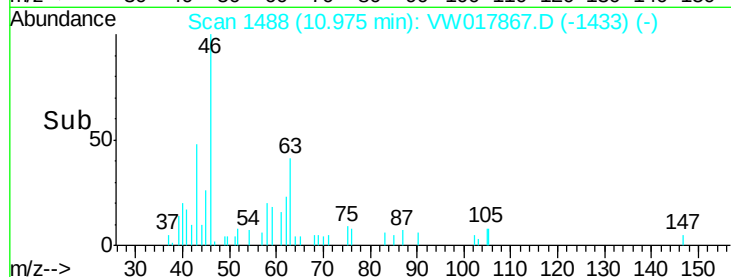
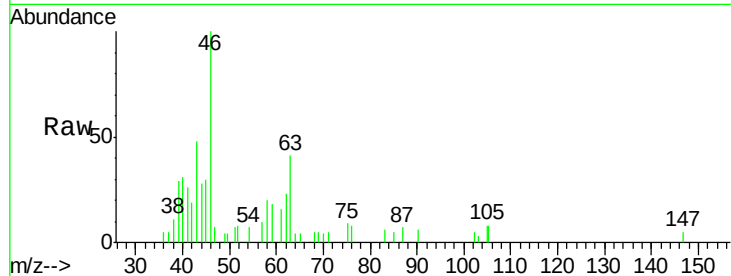




#49
2-Hexanone
Concen: 0.539 ug/L
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW017867.D
Acq: 13 Jan 2021 22:58

Instrument :
MSVOA_W
ClientSampled :
VIBLK

Tgt Ion: 43 Resp: 798
Ion Ratio Lower Upper
43 100
58 46.5 44.2 66.4
57 27.4 16.1 24.1#
100 9.1 11.0 16.4#



#59
1,2,3-Trichloropropane
Concen: 8.741 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW017867.D
Acq: 13 Jan 2021 22:58

Tgt Ion: 75 Resp: 22878
Ion Ratio Lower Upper
75 100
77 33.6 25.4 38.0

