

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102818\
 Data File : VW006411.D
 Acq On : 26 Oct 2018 17:38
 Operator : SY/AP
 Sample : J5657-21
 Misc : 5.04G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A40H1

Quant Time: Oct 26 23:49:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 26 23:43:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	314128	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	270747	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	116580	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	61099	17.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.00%
7) Chloroethane-d5	2.90	69	59731	19.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.36%
10) 1,1-Dichloroethene-d2	4.01	63	95462	14.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.12%
20) 2-Butanone-d5	7.09	46	46555	39.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.30%
24) Chloroform-d	7.65	84	149668	21.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.96%
26) 1,2-Dichloroethane-d4	8.31	65	86361	22.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.76%
29) Benzene-d6	8.28	84	288590	23.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.92%
33) 1,2-Dichloropropane-d6	9.28	67	88535	23.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.44%
37) Toluene-d8	10.33	98	272213	22.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.56%
38) trans-1,3-Dichloropropene-	10.58	79	31522	17.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.92%
39) 2-Hexanone-d5	10.93	63	37127	41.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.84%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	86934	24.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.40%
61) 1,2-Dichlorobenzene-d4	13.86	152	92656	23.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.76%

Target Compounds

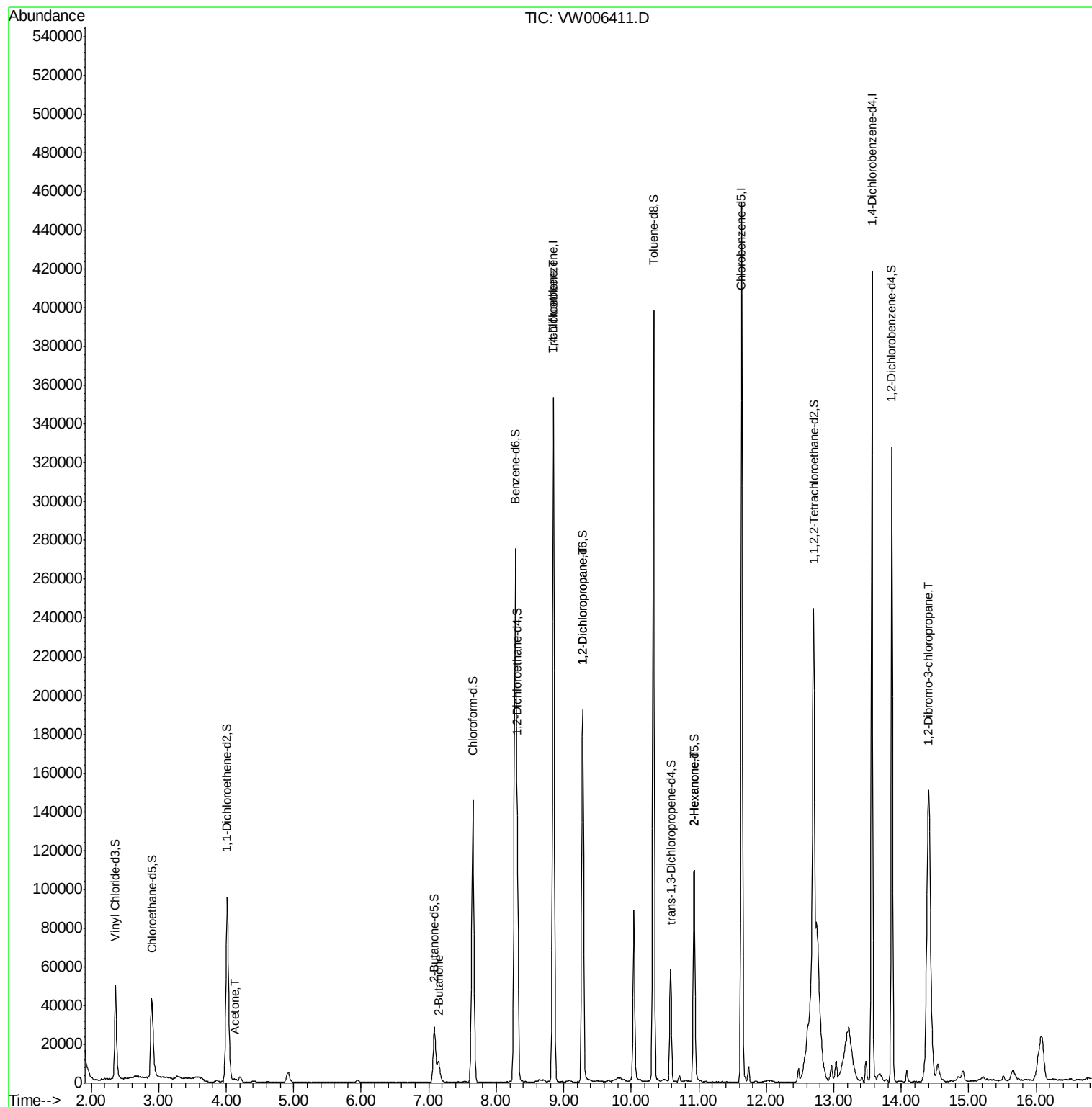
					Qvalue
13) Acetone	4.14	43	2141	1.805 ug/L	90
21) 2-Butanone	7.15	43	3624	2.299 ug/L #	47
35) Trichloroethene	8.85	95	9157	2.342 ug/L #	2
40) 1,2-Dichloropropane	9.28	63	10195	2.957 ug/L #	87
49) 2-Hexanone	10.93	43	4596	2.257 ug/L #	68
66) 1,2-Dibromo-3-chloropropan	14.41	75	3079	5.808 ug/L #	15

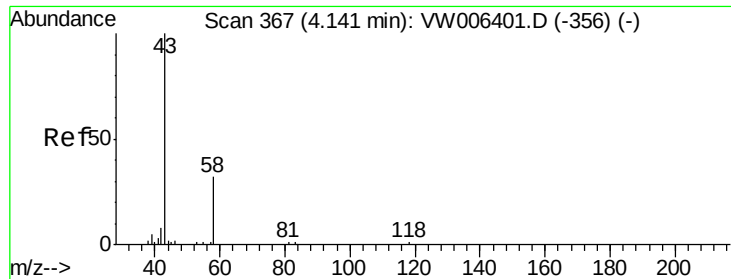
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.805 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

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MSVOA_W

ClientSampleId :

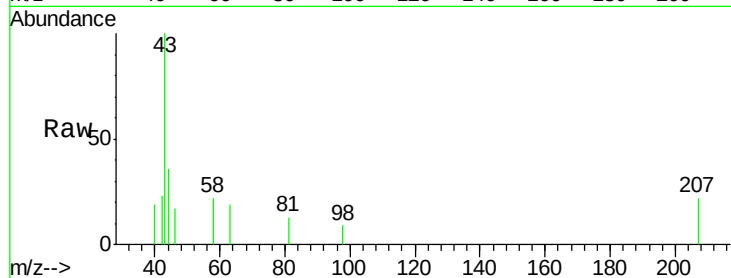
A40H1

Tgt Ion: 43 Resp: 2141

Ion Ratio Lower Upper

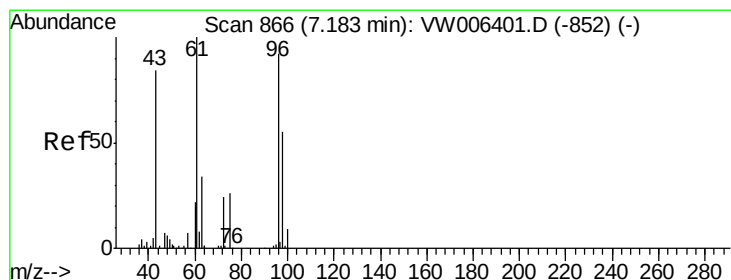
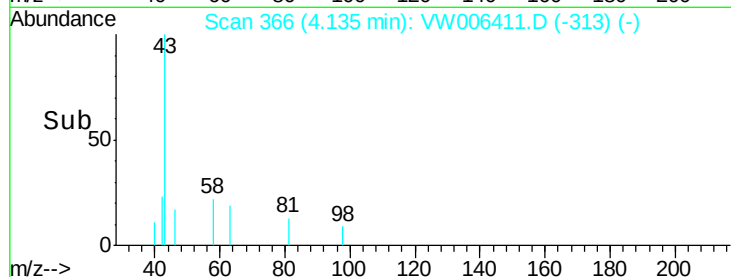
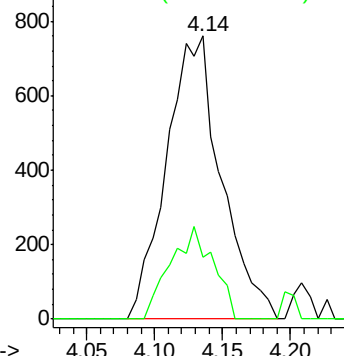
43 100

58 25.4 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#21

2-Butanone

Concen: 2.299 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.04 min

Lab File: VW006411.D

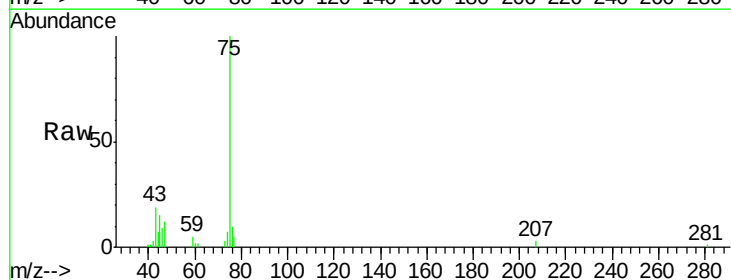
Acq: 26 Oct 2018 17:38

Tgt Ion: 43 Resp: 3624

Ion Ratio Lower Upper

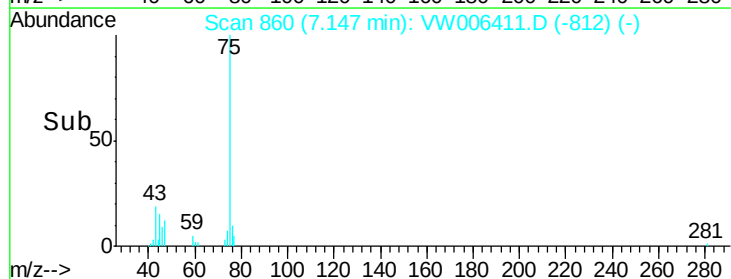
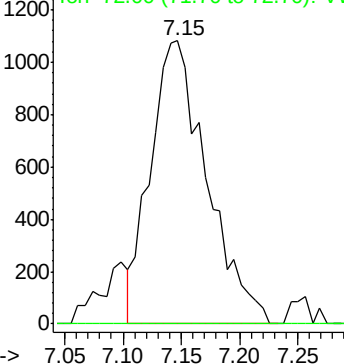
43 100

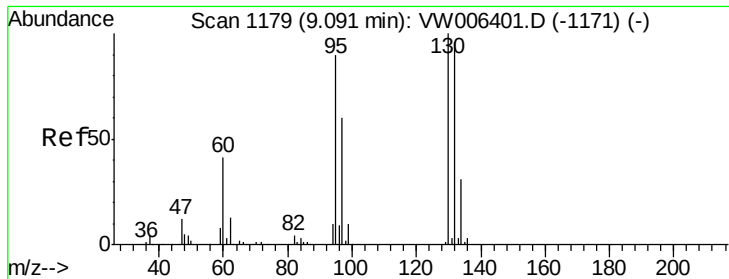
72 0.0 13.8 41.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#35

Trichloroethene

Concen: 2.342 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW006411.D

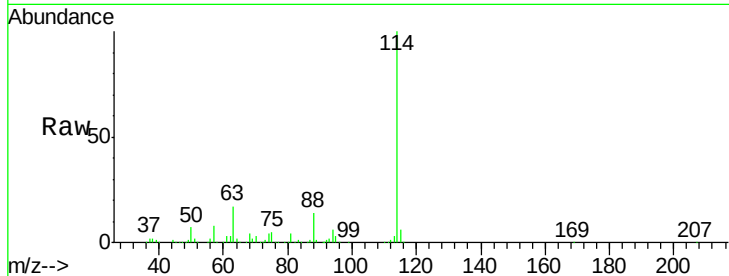
Acq: 26 Oct 2018 17:38

Instrument :

MSVOA_W

ClientSampleId :

A40H1



Tgt Ion: 95 Resp: 9157

Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.0#

132 0.0 72.9 135.3#

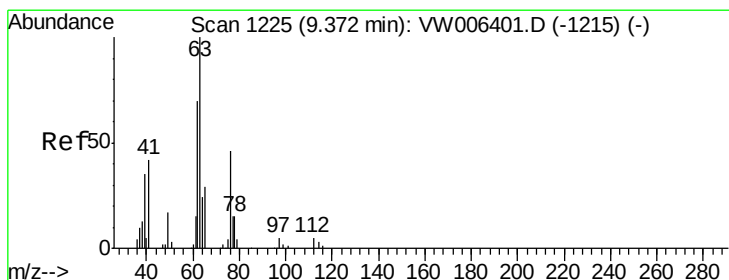
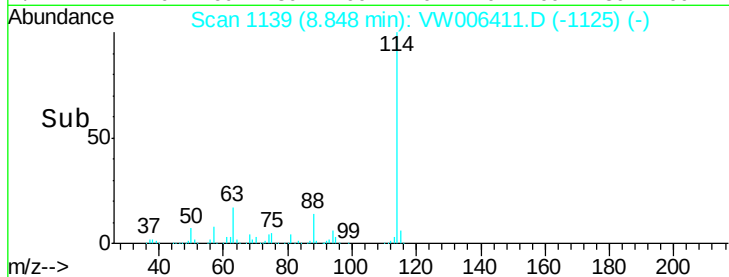
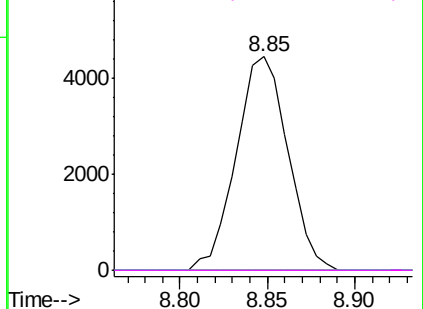
130 0.0 75.8 140.8#

Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#40

1,2-Dichloropropane

Concen: 2.957 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW006411.D

Acq: 26 Oct 2018 17:38

Tgt Ion: 63 Resp: 10195

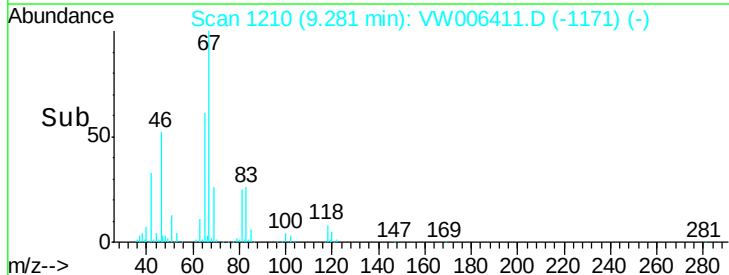
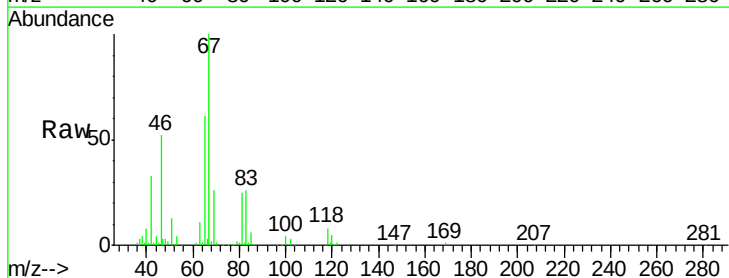
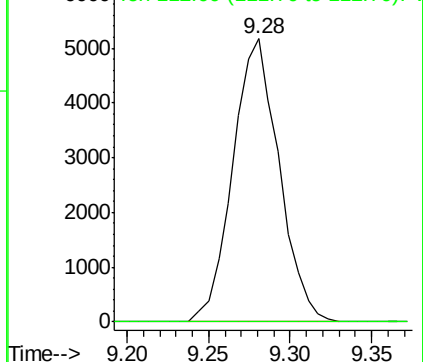
Ion Ratio Lower Upper

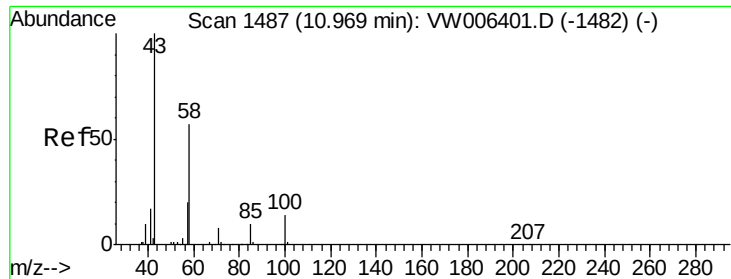
63 100

112 0.0 3.5 5.3#

Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V

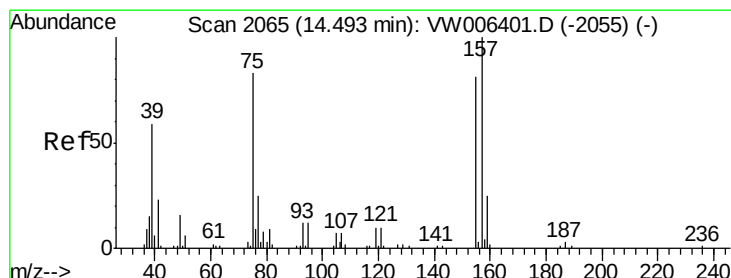
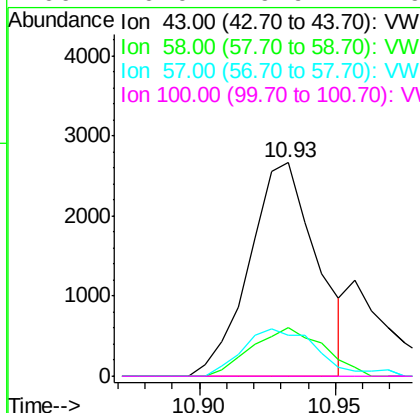
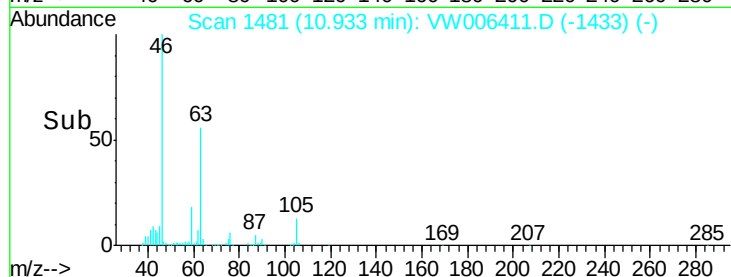
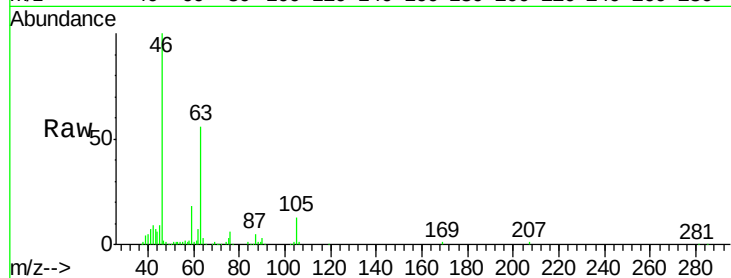




#49
2-Hexanone
Concen: 2.257 ug/L
RT: 10.93 min Scan# 1481
Delta R.T. -0.04 min
Lab File: VW006411.D
Acq: 26 Oct 2018 17:38

Instrument :
MSVOA_W
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A40H1

Tgt Ion: 43 Resp: 4596
Ion Ratio Lower Upper
43 100
58 24.3 42.1 63.1#
57 24.0 15.1 22.7#
100 0.0 9.9 14.9#



#66
1,2-Dibromo-3-chloropropane
Concen: 5.808 ug/L
RT: 14.41 min Scan# 2051
Delta R.T. -0.09 min
Lab File: VW006411.D
Acq: 26 Oct 2018 17:38

Tgt Ion: 75 Resp: 3079
Ion Ratio Lower Upper
75 100
157 0.0 106.8 160.2#
155 51.9 79.2 118.8#

