

Data File : VW011286.D
Acq On : 16 Jul 2019 15:18
Operator : SY/VA
Sample : K3798-11RE
Misc : 6.33G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A52H8RE

Quant Time: Jul 17 07:24:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 17 07:20:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	262522	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	219313	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	73969	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	52434	13.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.32%
7) Chloroethane-d5	2.88	69	42972	15.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.12%
10) 1,1-Dichloroethene-d2	4.01	63	96613	11.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	45.52%
20) 2-Butanone-d5	7.07	46	77885	49.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.64%
24) Chloroform-d	7.65	84	136228	18.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.72%
26) 1,2-Dichloroethane-d4	8.31	65	94371	21.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.20%
29) Benzene-d6	8.27	84	266223	19.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.80%
33) 1,2-Dichloropropane-d6	9.27	67	96042	21.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.32%
37) Toluene-d8	10.32	98	218128	18.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.48%
38) trans-1,3-Dichloropropene-	10.58	79	35194	18.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.24%
39) 2-Hexanone-d5	10.93	63	51966	51.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	86043	23.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	55667	19.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	78.44%

Target Compounds

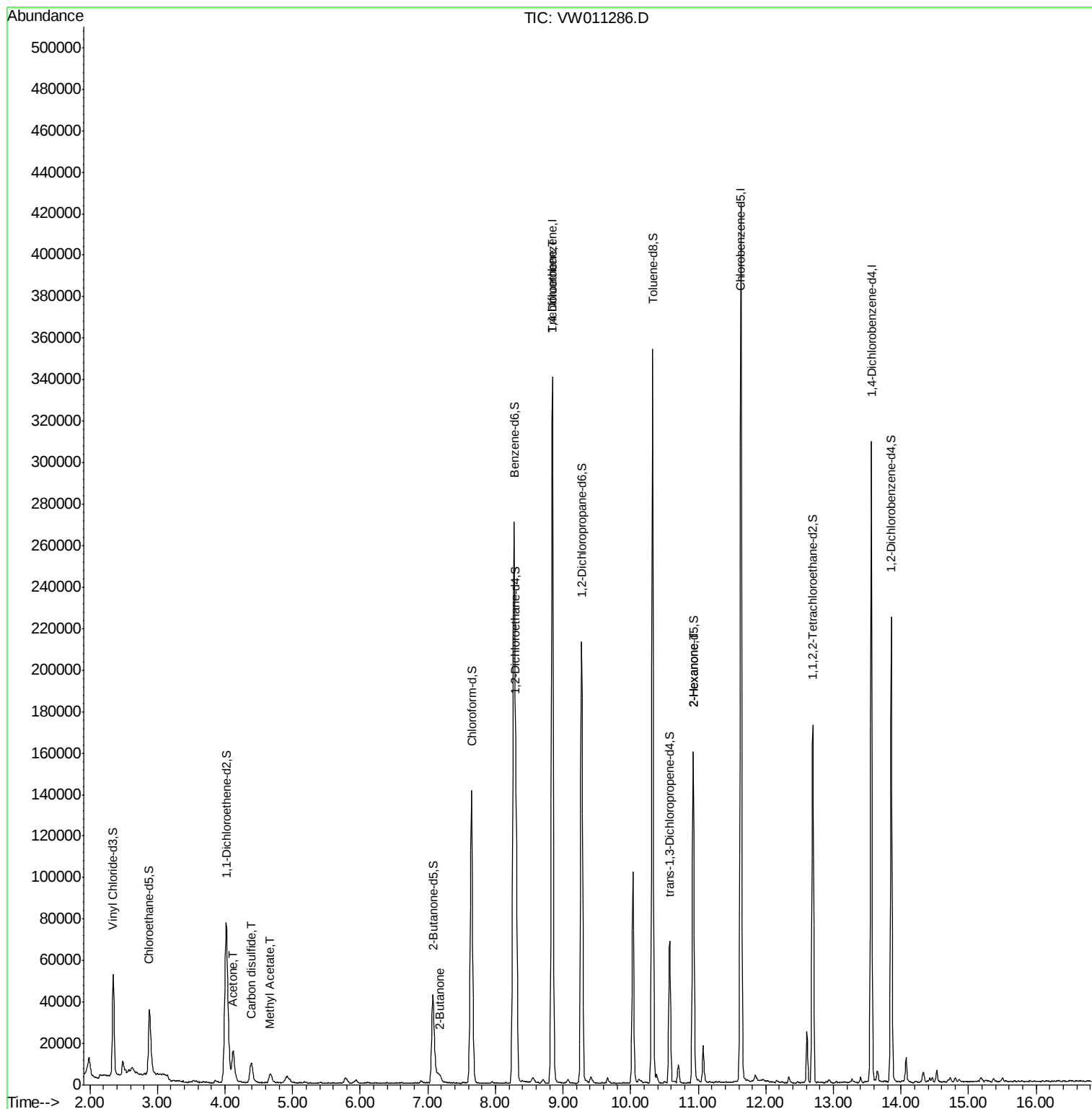
					Qvalue
13) Acetone	4.12	43	26084	16.912 ug/L	98
14) Carbon disulfide	4.38	76	8931	0.905 ug/L #	95
15) Methyl Acetate	4.67	43	9176	3.656 ug/L	92
21) 2-Butanone	7.18	43	5077	2.550 ug/L #	73
35) Trichloroethene	8.84	95	8161	2.359 ug/L #	6
49) 2-Hexanone	10.93	43	7753	3.059 ug/L #	69

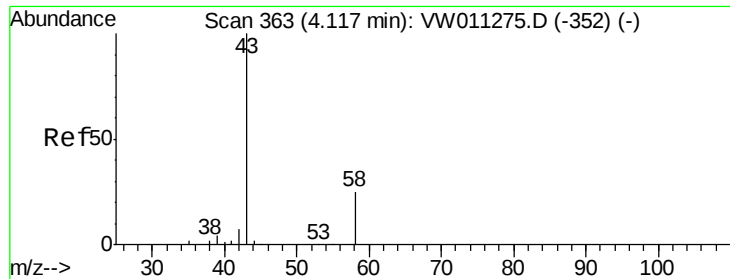
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 16.912 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

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Acq: 16 Jul 2019 15:18

Instrument :

MSVOA_W

ClientSampleId :

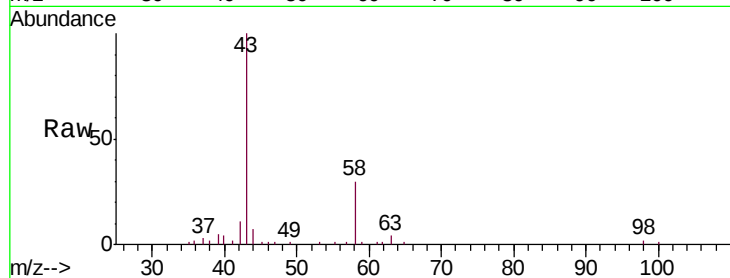
A52H8RE

Tgt Ion: 43 Resp: 26084

Ion Ratio Lower Upper

43 100

58 28.4 0.0 55.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

10000

8000

6000

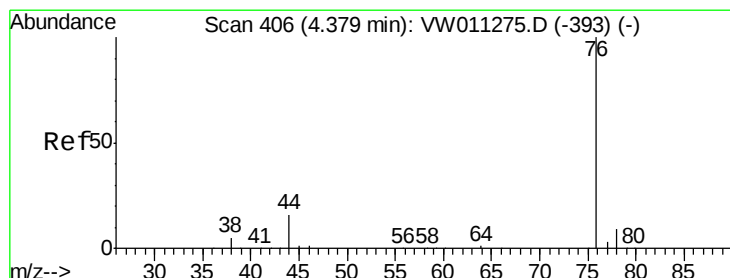
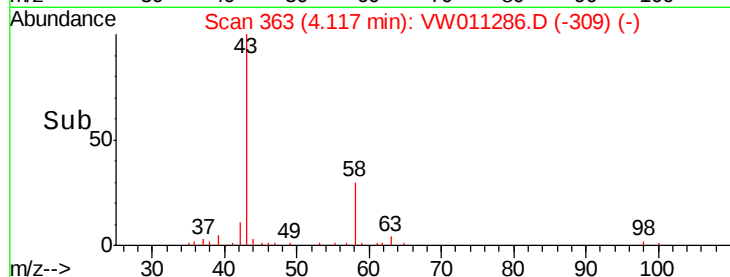
4000

2000

0

Time-->

4.00 4.05 4.10 4.15 4.20



#14

Carbon disulfide

Concen: 0.905 ug/L

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

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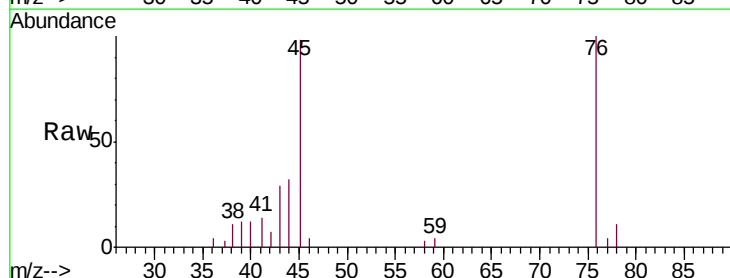
Acq: 16 Jul 2019 15:18

Tgt Ion: 76 Resp: 8931

Ion Ratio Lower Upper

76 100

78 11.0 7.3 10.9#



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

4.38

3000

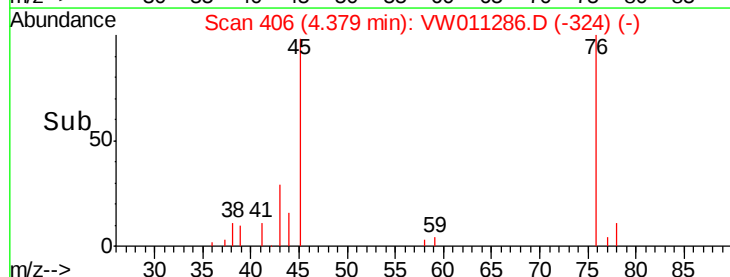
2000

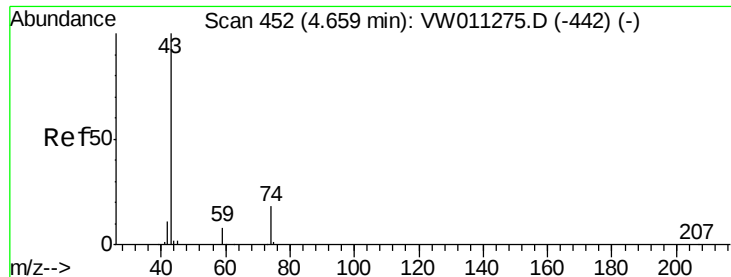
1000

0

Time-->

4.30 4.40 4.50

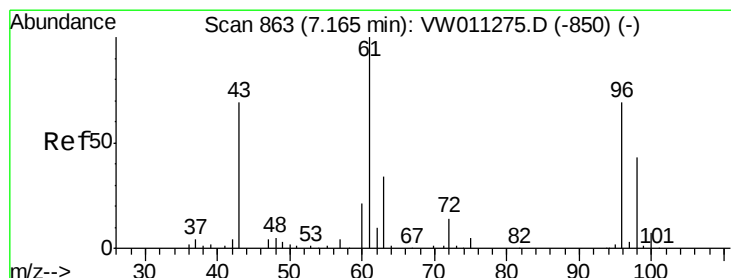
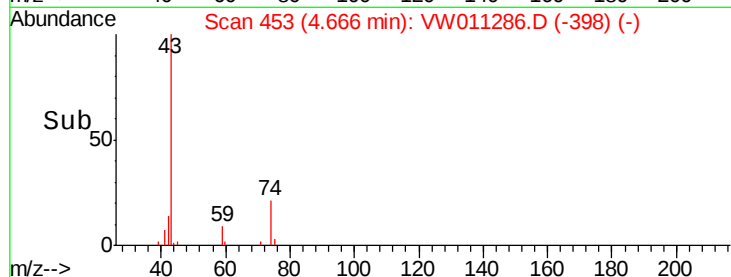
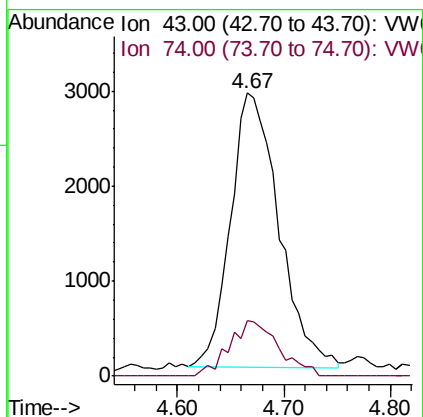
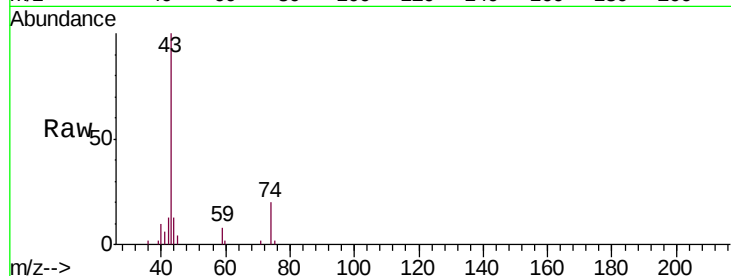




#15
Methyl Acetate
Concen: 3.656 ug/L
RT: 4.67 min Scan# 453
Delta R.T. 0.01 min
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Acq: 16 Jul 2019 15:18

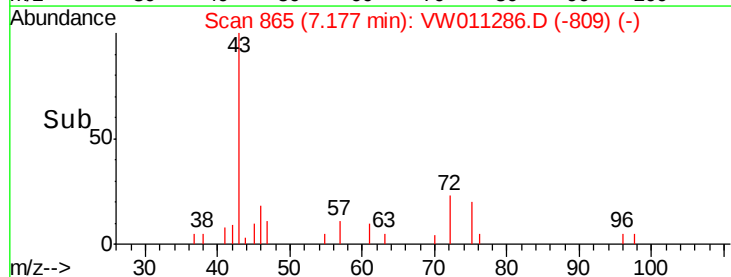
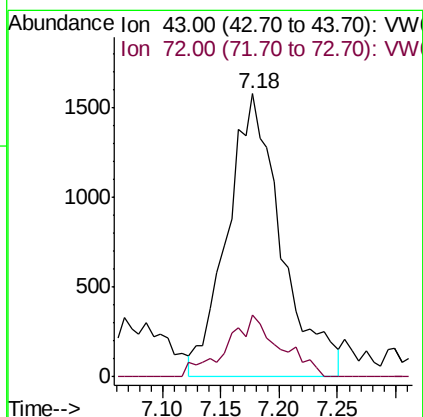
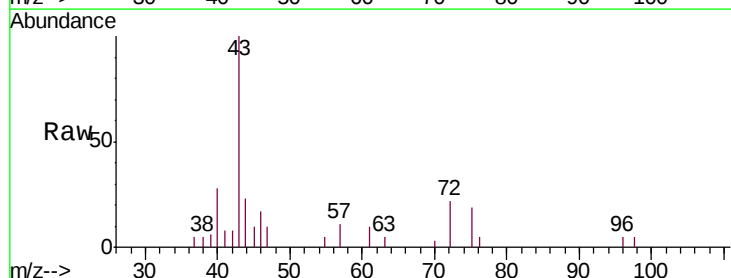
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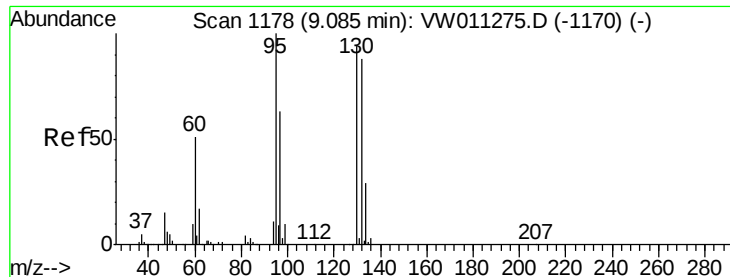
Tgt Ion: 43 Resp: 9176
Ion Ratio Lower Upper
43 100
74 15.4 15.1 22.7



#21
2-Butanone
Concen: 2.550 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW011286.D
Acq: 16 Jul 2019 15:18

Tgt Ion: 43 Resp: 5077
Ion Ratio Lower Upper
43 100
72 9.6 11.2 33.6#





#35

Trichloroethene

Concen: 2.359 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

Lab File: VW011286.D

Acq: 16 Jul 2019 15:18

Instrument :

MSVOA_W

ClientSampleId :

A52H8RE

Tgt Ion: 95 Resp: 8161

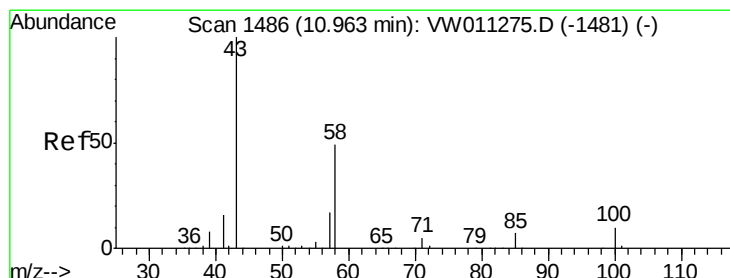
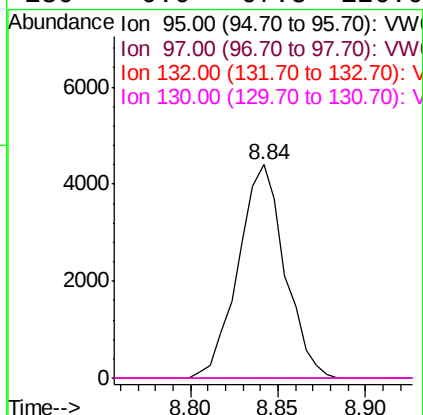
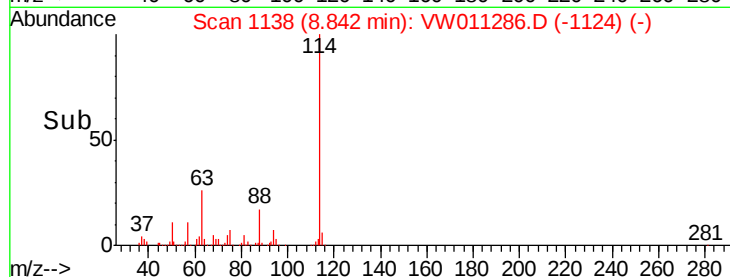
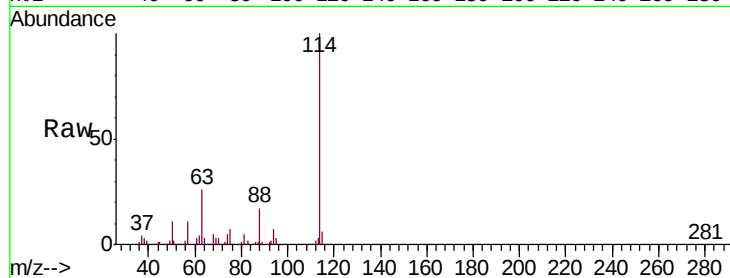
Ion Ratio Lower Upper

95 100

97 0.7 45.4 84.2#

132 0.0 65.0 120.8#

130 0.0 67.8 126.0#



#49

2-Hexanone

Concen: 3.059 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW011286.D

Acq: 16 Jul 2019 15:18

Tgt Ion: 43 Resp: 7753

Ion Ratio Lower Upper

43 100

58 23.2 38.4 57.6#

57 24.7 13.3 19.9#

100 0.6 7.3 10.9#

