

Data File : VW011262.D
Acq On : 15 Jul 2019 15:42
Operator : SY/VA
Sample : K3760-11
Misc : 6.39G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB8Z1RE

Quant Time: Jul 16 05:06:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 16 05:02:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	285910	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	215530	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	71333	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	73072	16.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.96%
7) Chloroethane-d5	2.89	69	58879	19.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.88%
10) 1,1-Dichloroethene-d2	4.01	63	129411	14.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.00%
20) 2-Butanone-d5	7.07	46	88384	51.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.78%
24) Chloroform-d	7.65	84	177145	22.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	8.31	65	118403	24.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.12%
29) Benzene-d6	8.27	84	349227	26.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.20%
33) 1,2-Dichloropropane-d6	9.27	67	123183	28.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.96%
37) Toluene-d8	10.32	98	273362	23.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.40%
38) trans-1,3-Dichloropropene-	10.57	79	41501	22.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.28%
39) 2-Hexanone-d5	10.93	63	51534	51.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	93258	26.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	57978	21.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.68%

Target Compounds

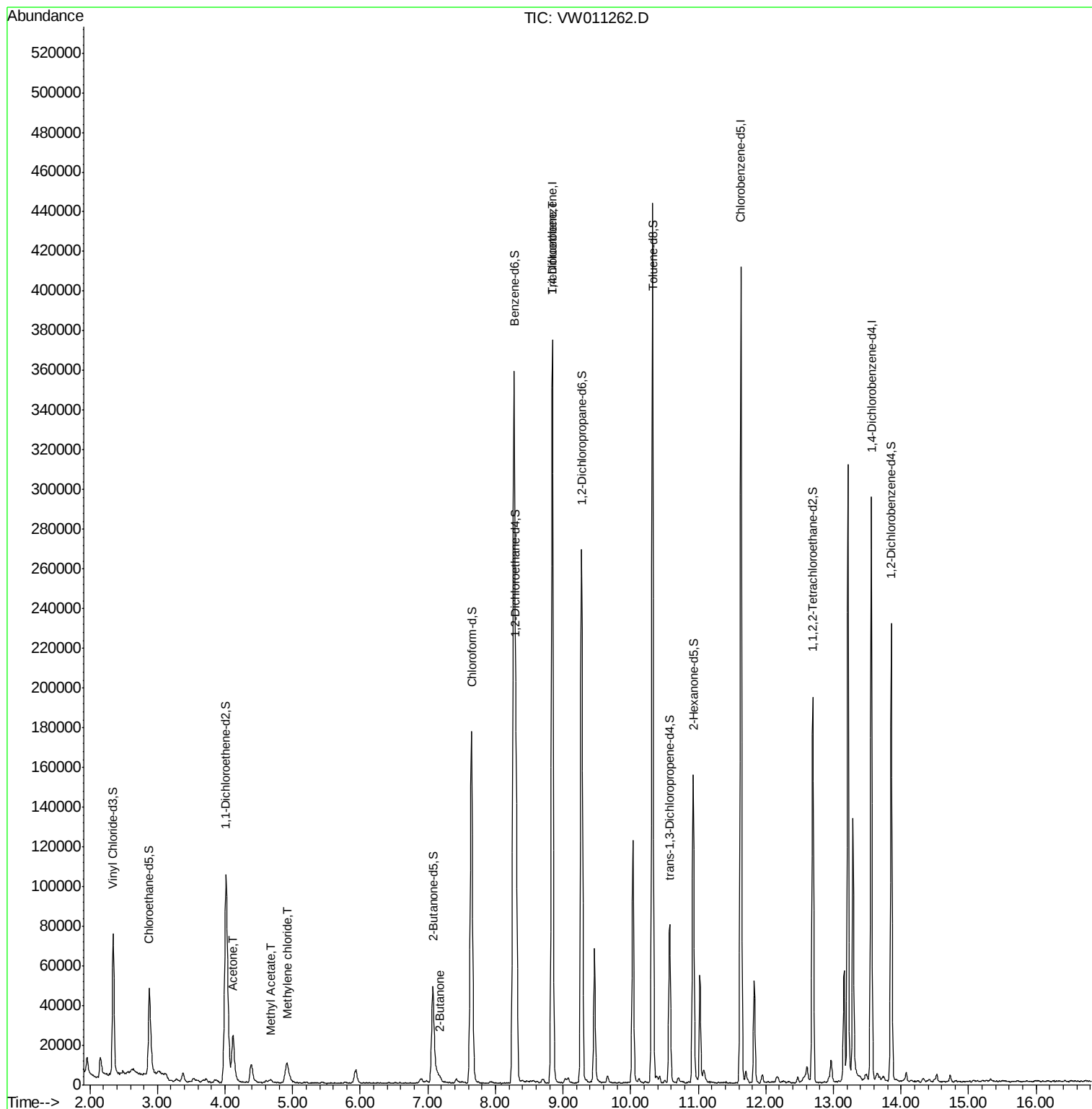
					Qvalue
13) Acetone	4.12	43	41084	24.458 ug/L	99
15) Methyl Acetate	4.67	43	2864	1.048 ug/L #	69
16) Methylene chloride	4.91	84	8155	1.941 ug/L	94
21) 2-Butanone	7.18	43	3214	1.482 ug/L	100
35) Trichloroethene	8.84	95	8675	2.552 ug/L #	6

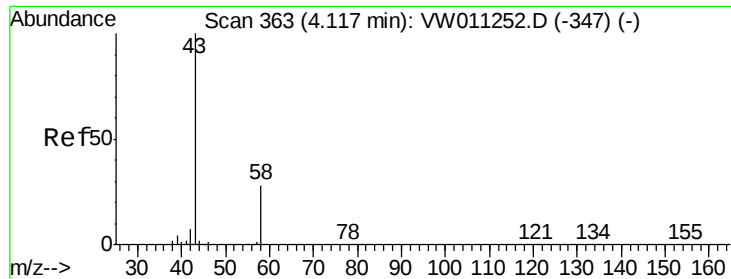
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 24.458 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

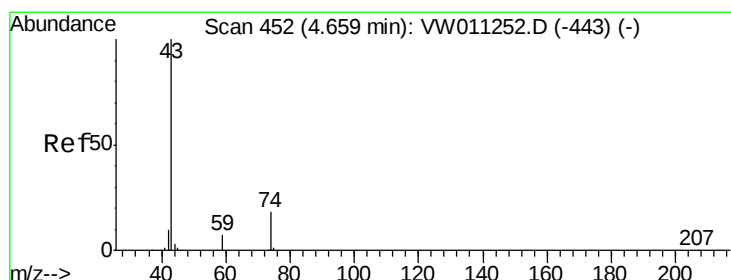
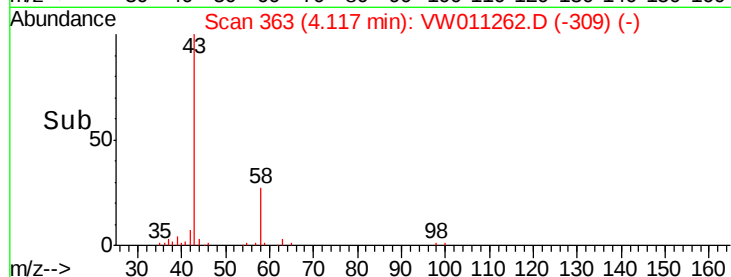
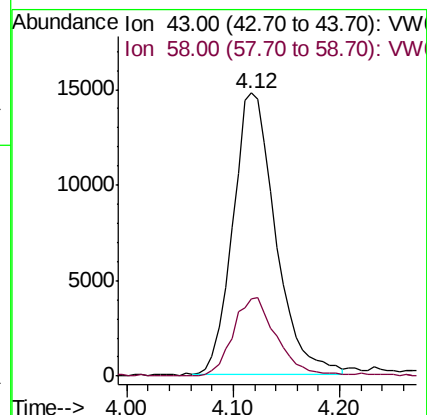
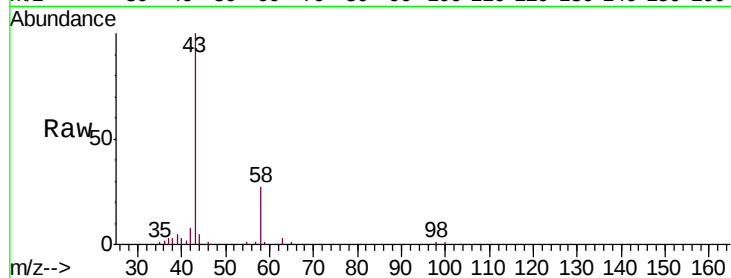
DB8Z1RE

Tgt Ion: 43 Resp: 41084

Ion Ratio Lower Upper

43 100

58 28.2 0.0 55.0



#15

Methyl Acetate

Concen: 1.048 ug/L

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

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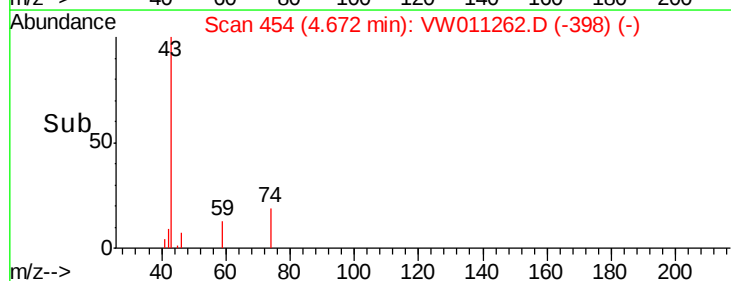
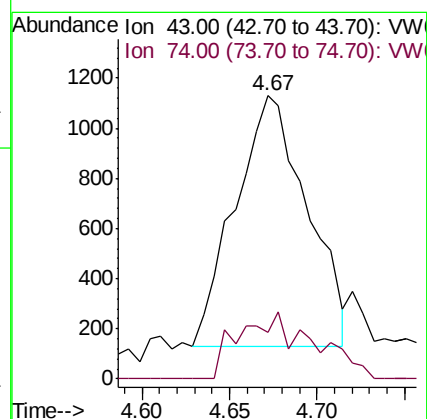
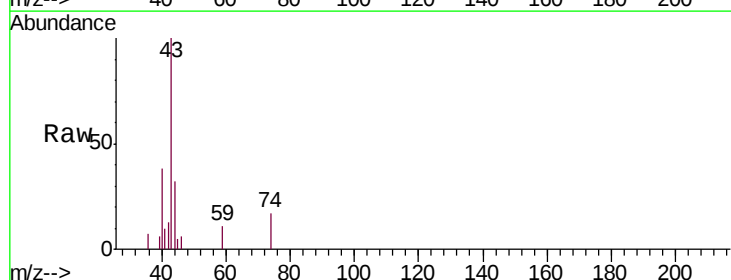
Acq: 15 Jul 2019 15:42

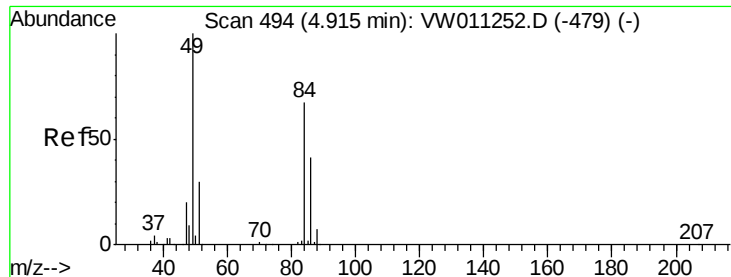
Tgt Ion: 43 Resp: 2864

Ion Ratio Lower Upper

43 100

74 5.0 15.1 22.7#

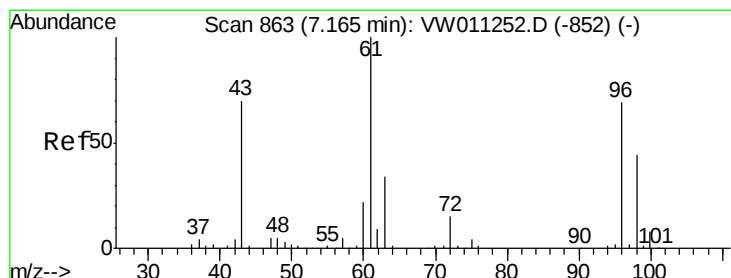
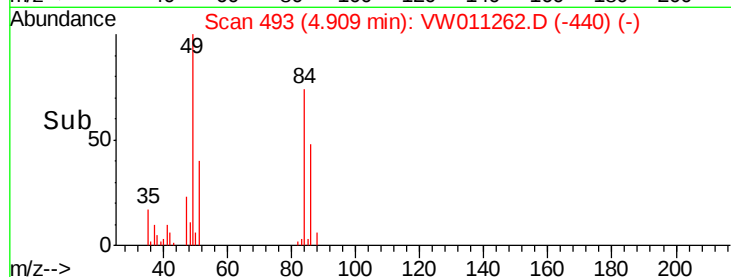
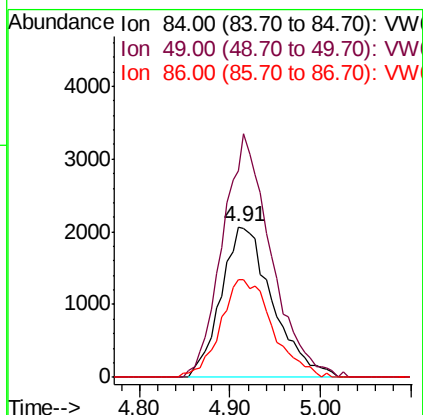
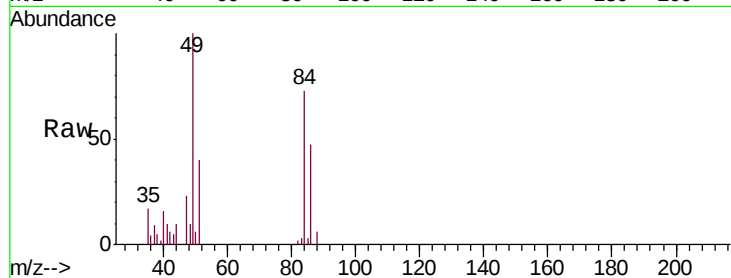




#16
Methylene chloride
Concen: 1.941 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
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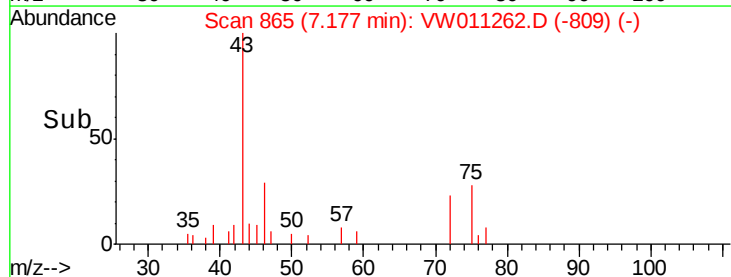
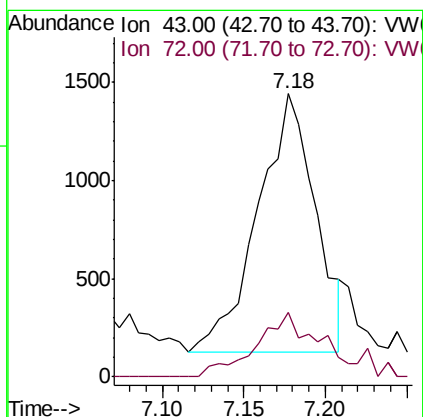
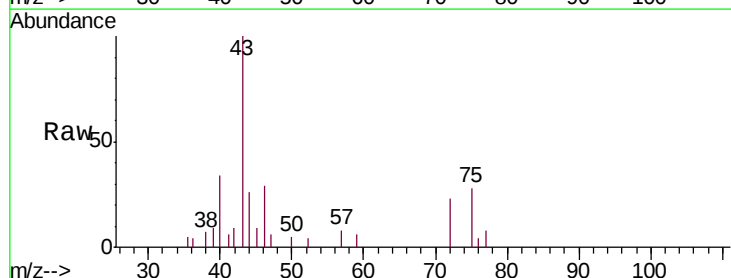
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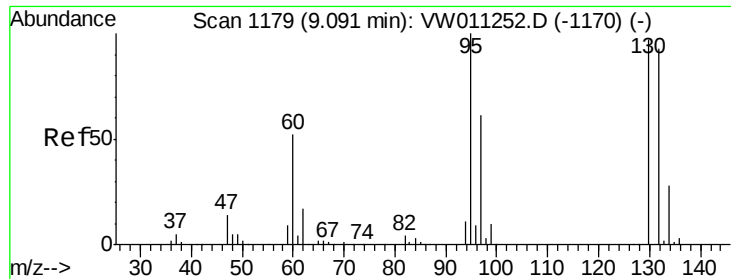
Tgt Ion: 84 Resp: 8155
Ion Ratio Lower Upper
84 100
49 137.4 102.5 190.3
86 64.5 46.4 86.2



#21
2-Butanone
Concen: 1.482 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW011262.D
Acq: 15 Jul 2019 15:42

Tgt Ion: 43 Resp: 3214
Ion Ratio Lower Upper
43 100
72 22.5 11.2 33.6





#35

Trichloroethene

Concen: 2.552 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW011262.D

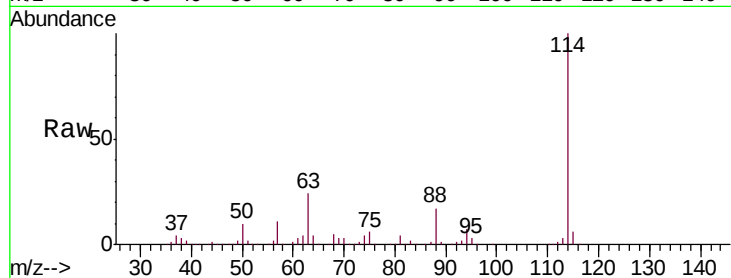
Acq: 15 Jul 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

DB8Z1RE



Tgt Ion: 95 Resp: 8675

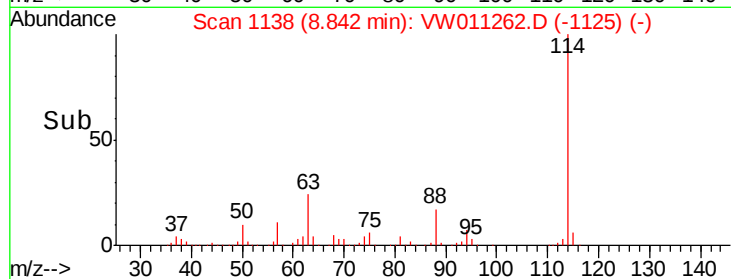
Ion Ratio Lower Upper

95 100

97 0.0 45.4 84.2#

132 0.0 65.0 120.8#

130 0.0 67.8 126.0#



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

