

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071519\
 Data File : VW011265.D
 Acq On : 15 Jul 2019 17:03
 Operator : SY/VA
 Sample : K3798-02
 Misc : 6.95G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52G2

Quant Time: Jul 16 06:49:12 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	338952	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	308455	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	147672	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	77633	15.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.00%
7) Chloroethane-d5	2.88	69	63277	17.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.72%
10) 1,1-Dichloroethene-d2	4.01	63	148342	13.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.12%
20) 2-Butanone-d5	7.07	46	141807	69.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.12%#
24) Chloroform-d	7.65	84	202715	21.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.28%
26) 1,2-Dichloroethane-d4	8.30	65	140713	24.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.36%
29) Benzene-d6	8.27	84	407263	21.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.72%
33) 1,2-Dichloropropane-d6	9.27	67	144510	23.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.40%
37) Toluene-d8	10.32	98	353363	20.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.48%
38) trans-1,3-Dichloropropene-	10.58	79	58717	22.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.28%
39) 2-Hexanone-d5	10.93	63	95973	67.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.26%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	154255	30.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.56%#
61) 1,2-Dichlorobenzene-d4	13.85	152	133706	23.59	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.36%

Target Compounds

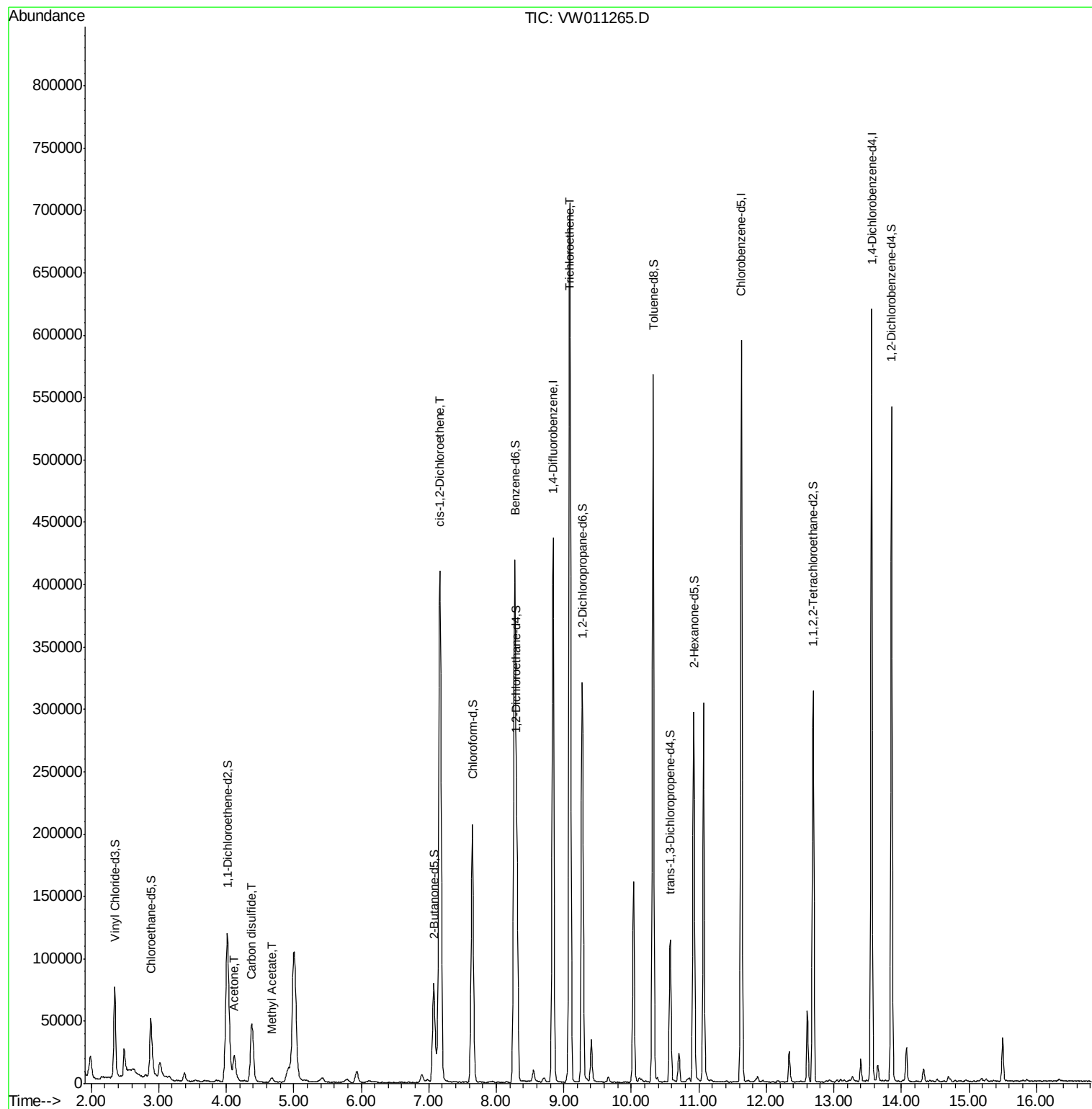
					Ovalue
13) Acetone	4.12	43	34972	17.562	ug/L 91
14) Carbon disulfide	4.38	76	104761	8.222	ug/L 99
15) Methyl Acetate	4.68	43	7421	2.290	ug/L 98
22) cis-1,2-Dichloroethene	7.16	96	229632	47.131	ug/L 99
35) Trichloroethene	9.09	95	249253	51.236	ug/L 100

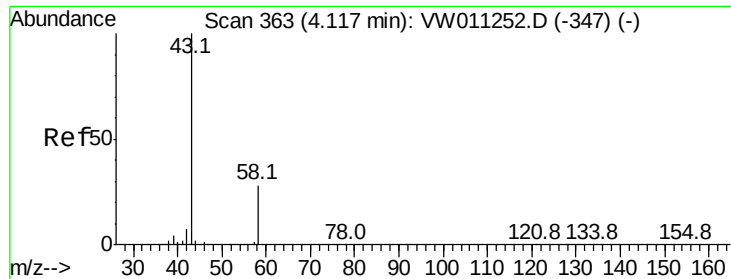
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 17.562 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011265.D

Acq: 15 Jul 2019 17:03

Instrument :

MSVOA_W

ClientSampleId :

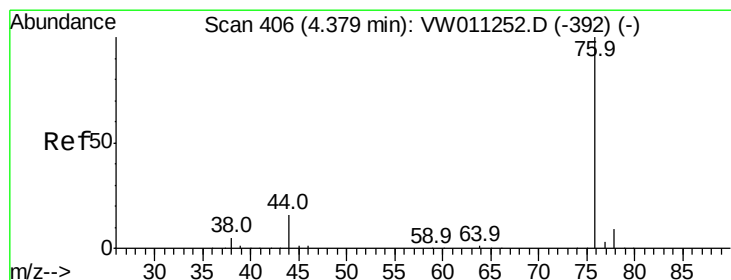
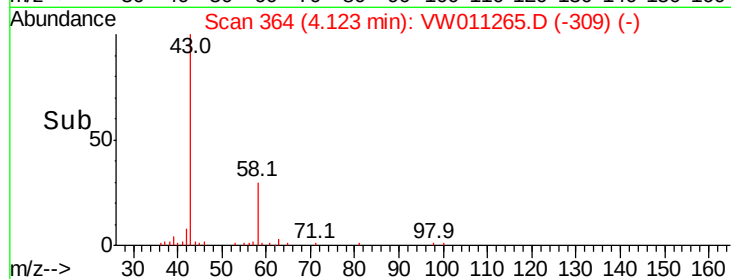
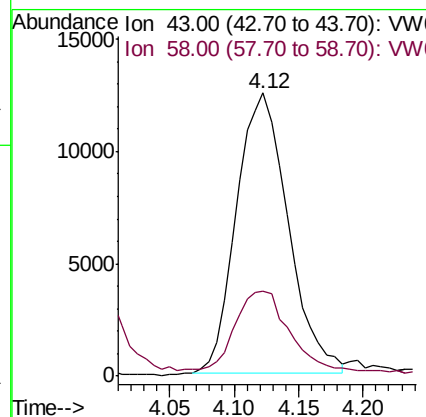
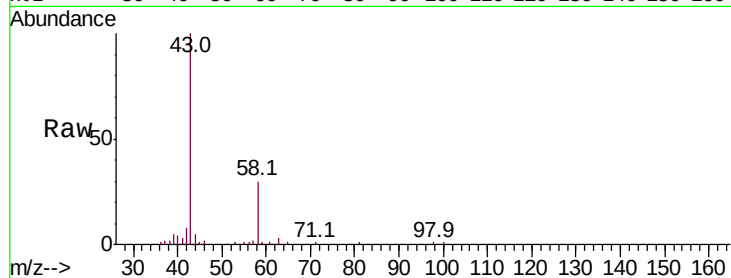
A52G2

Tot Ion: 43 Resp: 34972

Ion Ratio Lower Upper

43 100

58 32.3 0.0 55.0



#14

Carbon disulfide

Concen: 8.222 ug/L

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW011265.D

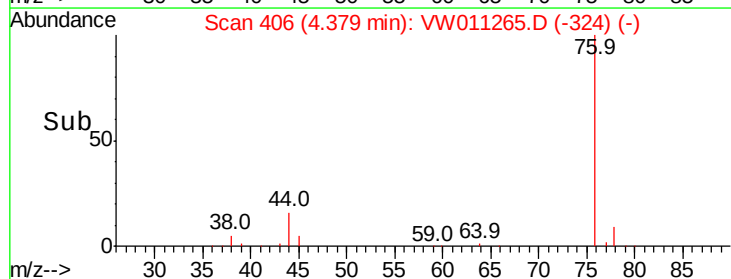
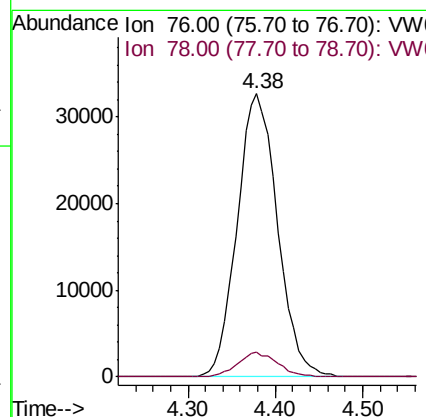
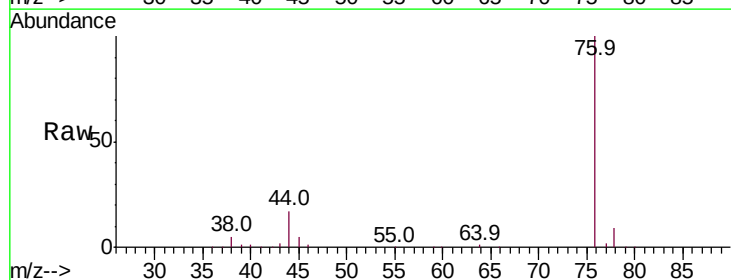
Acq: 15 Jul 2019 17:03

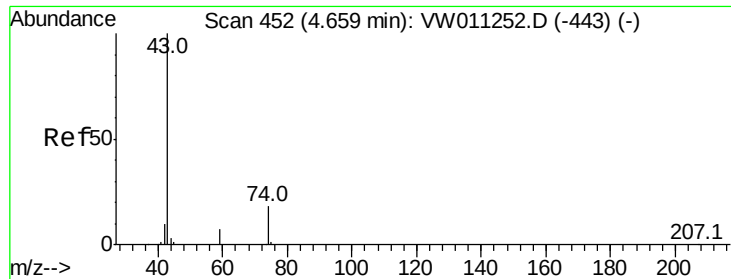
Tgt Ion: 76 Resp: 104761

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9

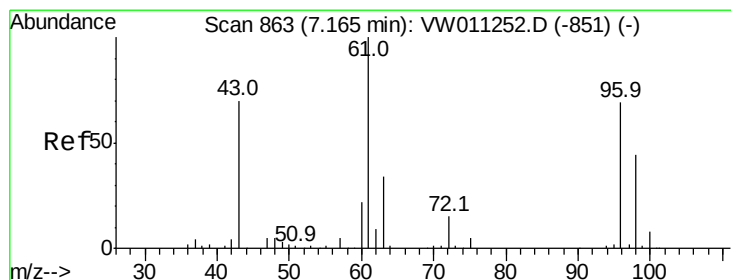
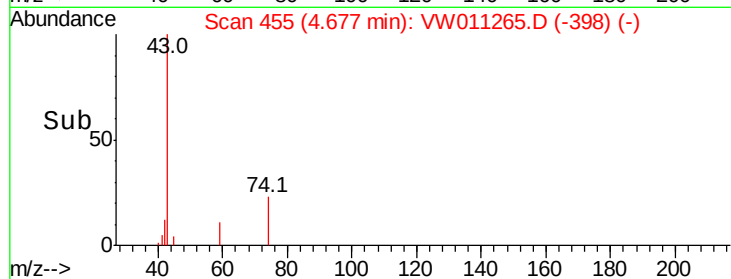
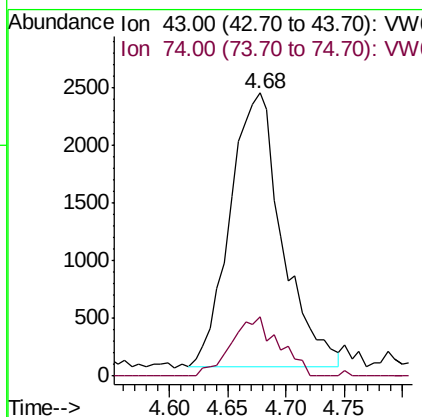
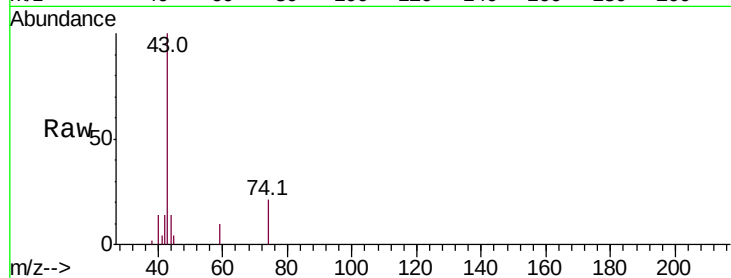




#15
Methyl Acetate
Concen: 2.290 ug/L
RT: 4.68 min Scan# 455
Delta R.T. 0.02 min
Lab File: VW011265.D
Acq: 15 Jul 2019 17:03

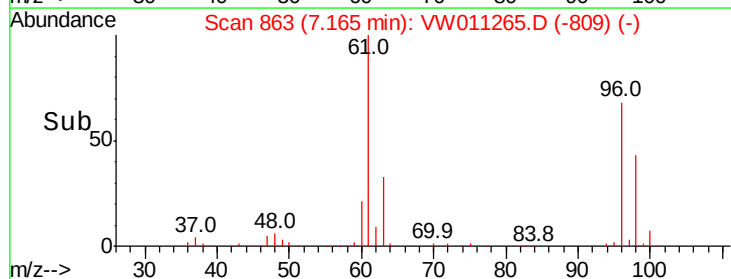
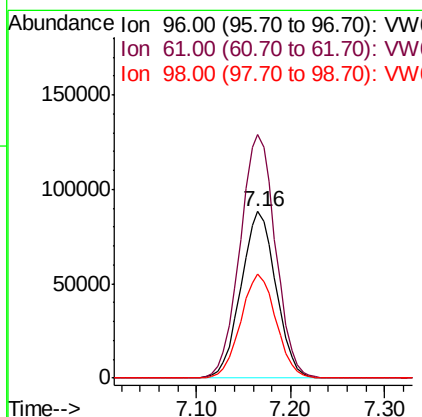
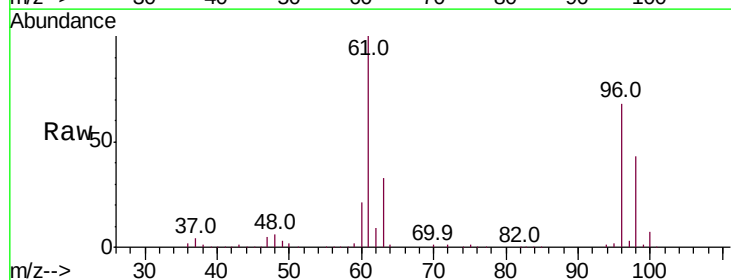
Instrument :
MSVOA_W
ClientSampled :
A52G2

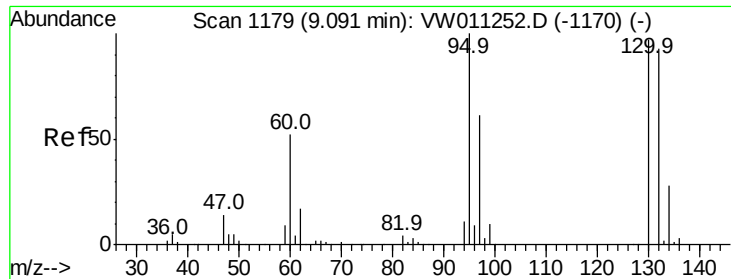
Tot Ion: 43 Resp: 7421
Ion Ratio Lower Upper
43 100
74 19.6 15.1 22.7



#22
cis-1,2-Dichloroethene
Concen: 47.131 ug/L
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW011265.D
Acq: 15 Jul 2019 17:03

Tgt Ion: 96 Resp: 229632
Ion Ratio Lower Upper
96 100
61 146.0 103.2 191.6
98 62.2 44.8 83.2





#35

Trichloroethene

Concen: 51.236 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW011265.D

Acq: 15 Jul 2019 17:03

Instrument :

MSVOA_W

ClientSampleId :

A52G2

Tot Ion: 95 Resp: 249253

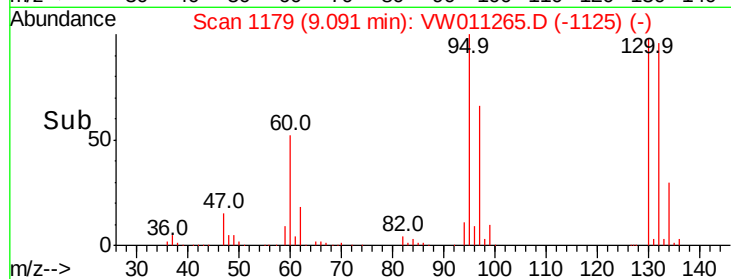
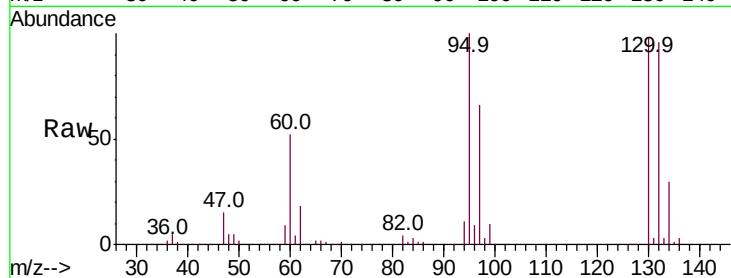
Ion Ratio Lower Upper

95 100

97 64.9 45.4 84.2

132 93.1 65.0 120.8

130 96.7 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

