

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060820\
 Data File : VW015555.D
 Acq On : 08 Jun 2020 14:03
 Operator : SY/VA
 Sample : L2848-12
 Misc : 5.08G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 09 02:04:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	174255	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	157096	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	67805	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	63036	39.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	157.88%#
7) Chloroethane-d5	2.89	69	50232	31.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	126.52%
10) 1,1-Dichloroethene-d2	4.01	63	90661	23.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.20%
20) 2-Butanone-d5	7.09	46	24252	46.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.04%
24) Chloroform-d	7.65	84	108387	26.90	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.60%
26) 1,2-Dichloroethane-d4	8.31	65	62877	28.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.20%
29) Benzene-d6	8.28	84	218521	28.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.44%
33) 1,2-Dichloropropane-d6	9.27	67	64602	27.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.36%
37) Toluene-d8	10.33	98	201519	26.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.60%
38) trans-1,3-Dichloropropene-	10.58	79	27185	25.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.40%
39) 2-Hexanone-d5	10.93	63	18614	45.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	42938	24.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	62597	27.55	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.20%

Target Compounds

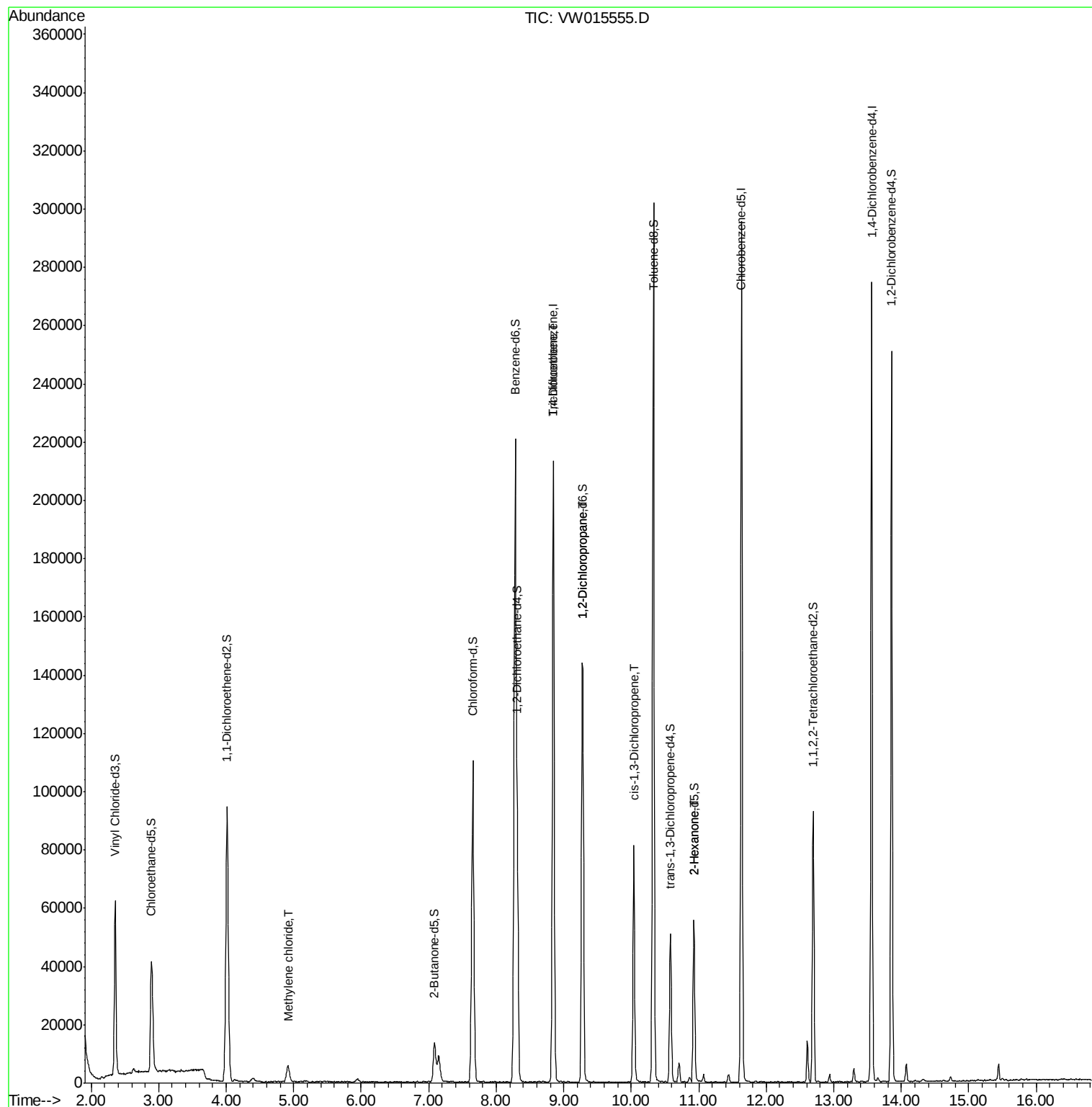
					Ovalue
16) Methylene chloride	4.92	84	4090	1.912 ug/L	91
35) Trichloroethene	8.85	95	5466	2.316 ug/L #	5
40) 1,2-Dichloropropane	9.28	63	7645	3.534 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	2156	0.623 ug/L #	75
49) 2-Hexanone	10.93	43	2511	2.933 ug/L #	64

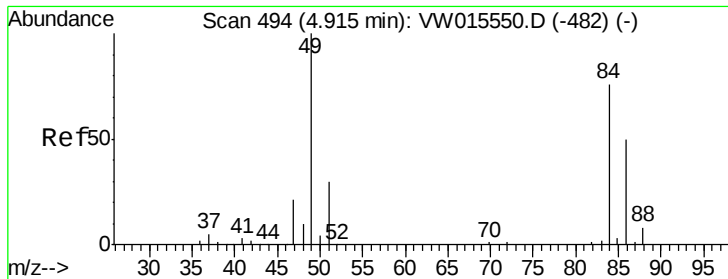
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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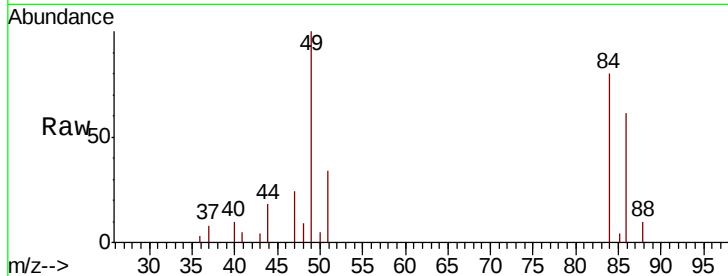




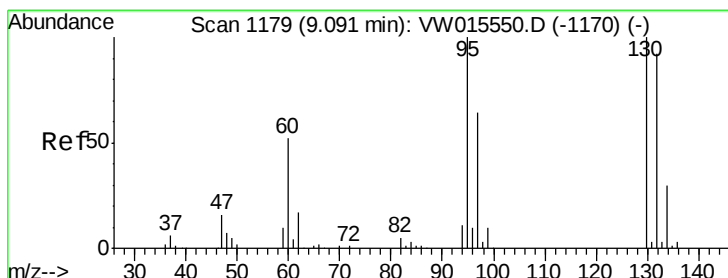
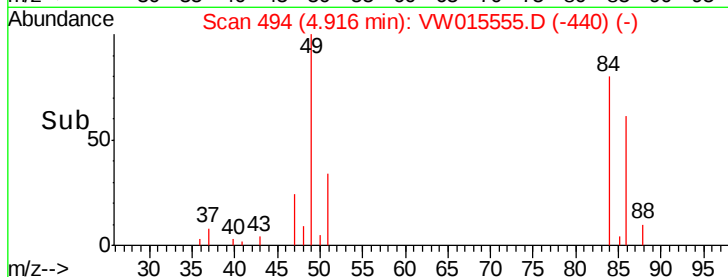
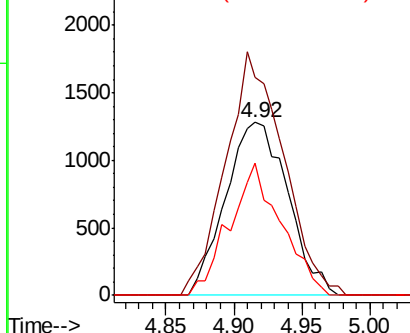
#16
Methvlene chloride
Concen: 1.912 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW015555.D
Acq: 08 Jun 2020 14:03

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 84 Resp: 4090
Ion Ratio Lower Upper
84 100
49 125.8 93.0 172.8
86 76.6 44.7 83.1

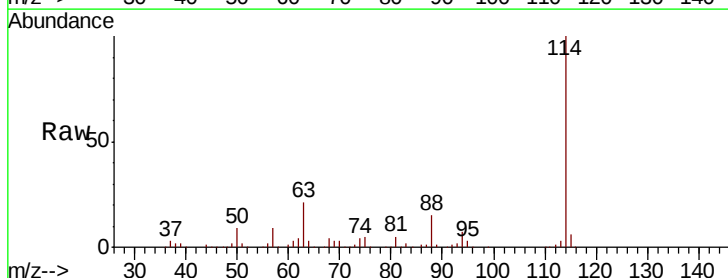


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

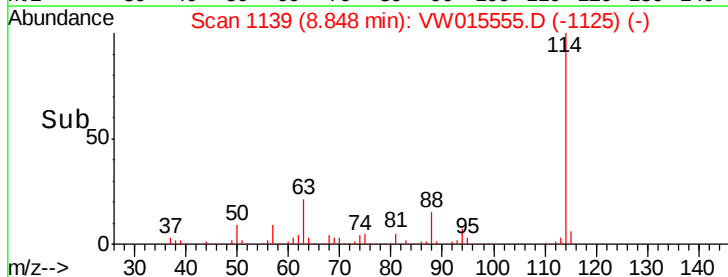
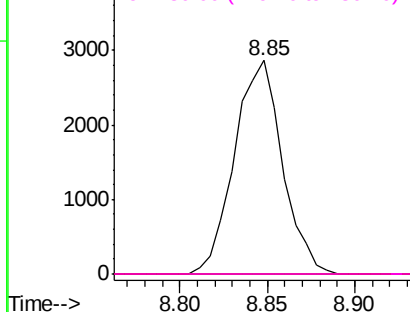


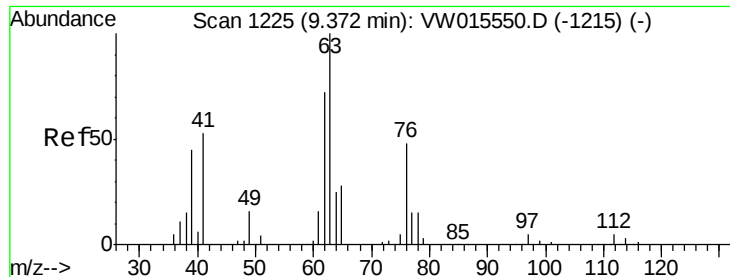
#35
Trichloroethene
Concen: 2.316 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.24 min
Lab File: VW015555.D
Acq: 08 Jun 2020 14:03

Tgt Ion: 95 Resp: 5466
Ion Ratio Lower Upper
95 100
97 0.0 45.4 84.2#
132 0.0 67.1 124.7#
130 0.0 69.4 128.8#



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

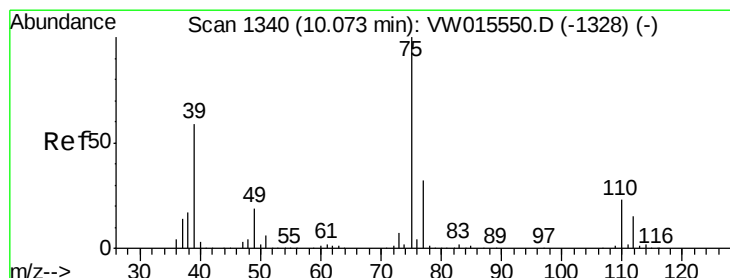
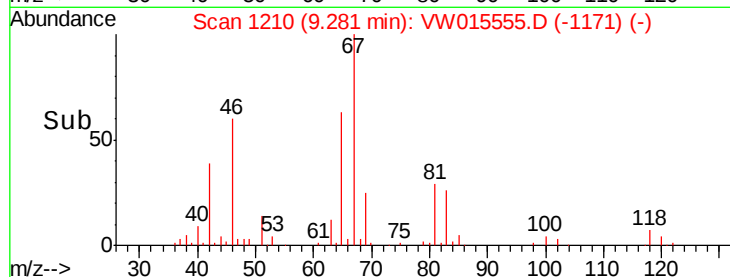
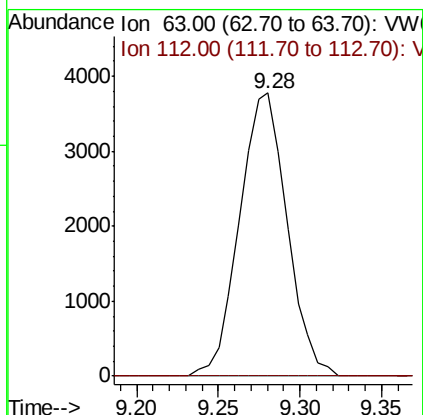
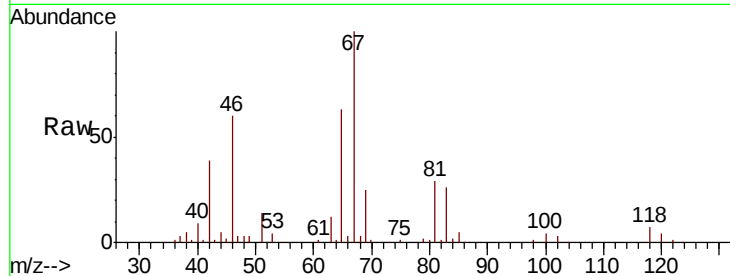




#40
 1,2-Dichloropropane
 Concen: 3.534 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.09 min
 Lab File: VW015555.D
 Acq: 08 Jun 2020 14:03

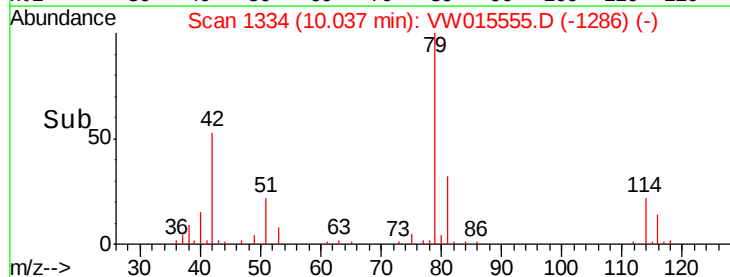
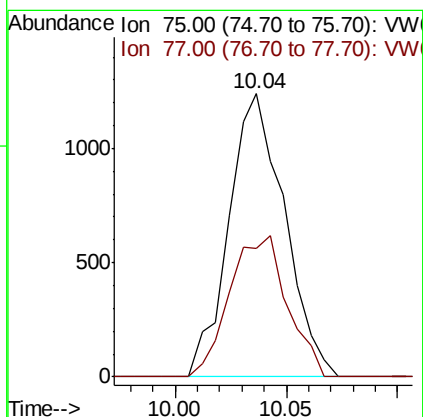
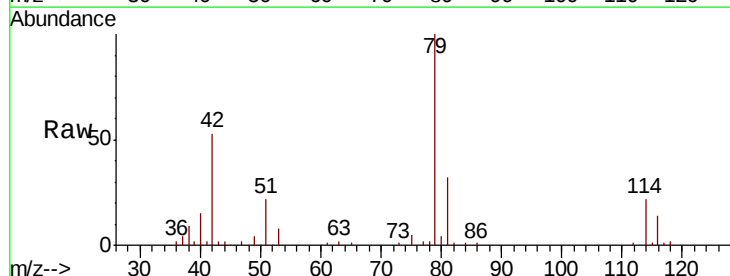
Instrument :
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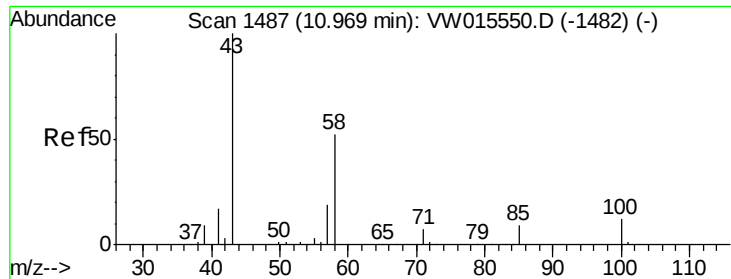
Tot Ion: 63 Resp: 7645
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#42
 cis-1,3-Dichloropropene
 Concen: 0.623 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW015555.D
 Acq: 08 Jun 2020 14:03

Tgt Ion: 75 Resp: 2156
 Ion Ratio Lower Upper
 75 100
 77 45.6 22.3 41.5#





#49

2-Hexanone

Concen: 2.933 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW015555.D

Acq: 08 Jun 2020 14:03

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 2511

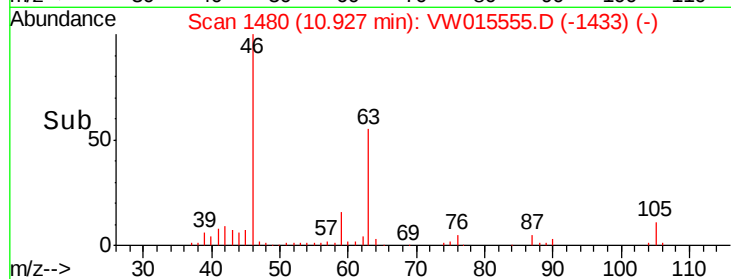
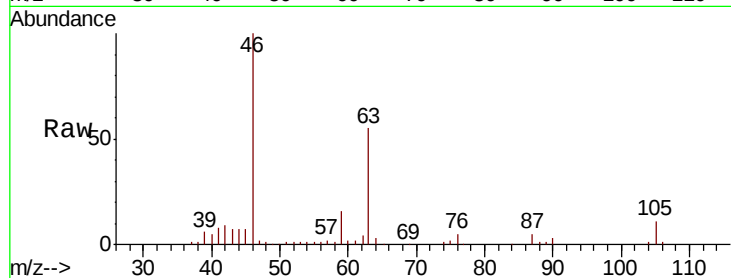
Ion Ratio Lower Upper

43 100

58 21.2 42.6 64.0#

57 24.8 15.5 23.3#

100 0.0 10.3 15.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

