

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082620\
 Data File : VW016356.D
 Acq On : 26 Aug 2020 10:53
 Operator : SY/VA
 Sample : L3800-04
 Misc : 5.63G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3H4

Quant Time: Aug 27 02:42:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 27 02:40:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	332396	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	308329	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	152439	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	38393	10.82	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	43.28%
7) Chloroethane-d5	2.89	69	35527	13.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.76%
10) 1,1-Dichloroethene-d2	4.01	63	72928	8.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	34.60%#
20) 2-Butanone-d5	7.08	46	36001	35.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.34%
24) Chloroform-d	7.65	84	144635	16.69	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	66.76%
26) 1,2-Dichloroethane-d4	8.31	65	76322	17.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	68.36%#
29) Benzene-d6	8.27	84	240543	13.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	55.88%
33) 1,2-Dichloropropane-d6	9.27	67	78075	16.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	65.56%#
37) Toluene-d8	10.32	98	213203	13.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	52.52%
38) trans-1,3-Dichloropropene-	10.58	79	33997	14.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	59.16%
39) 2-Hexanone-d5	10.93	63	29235	38.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	74441	18.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	99636	17.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	68.20%#

Target Compounds

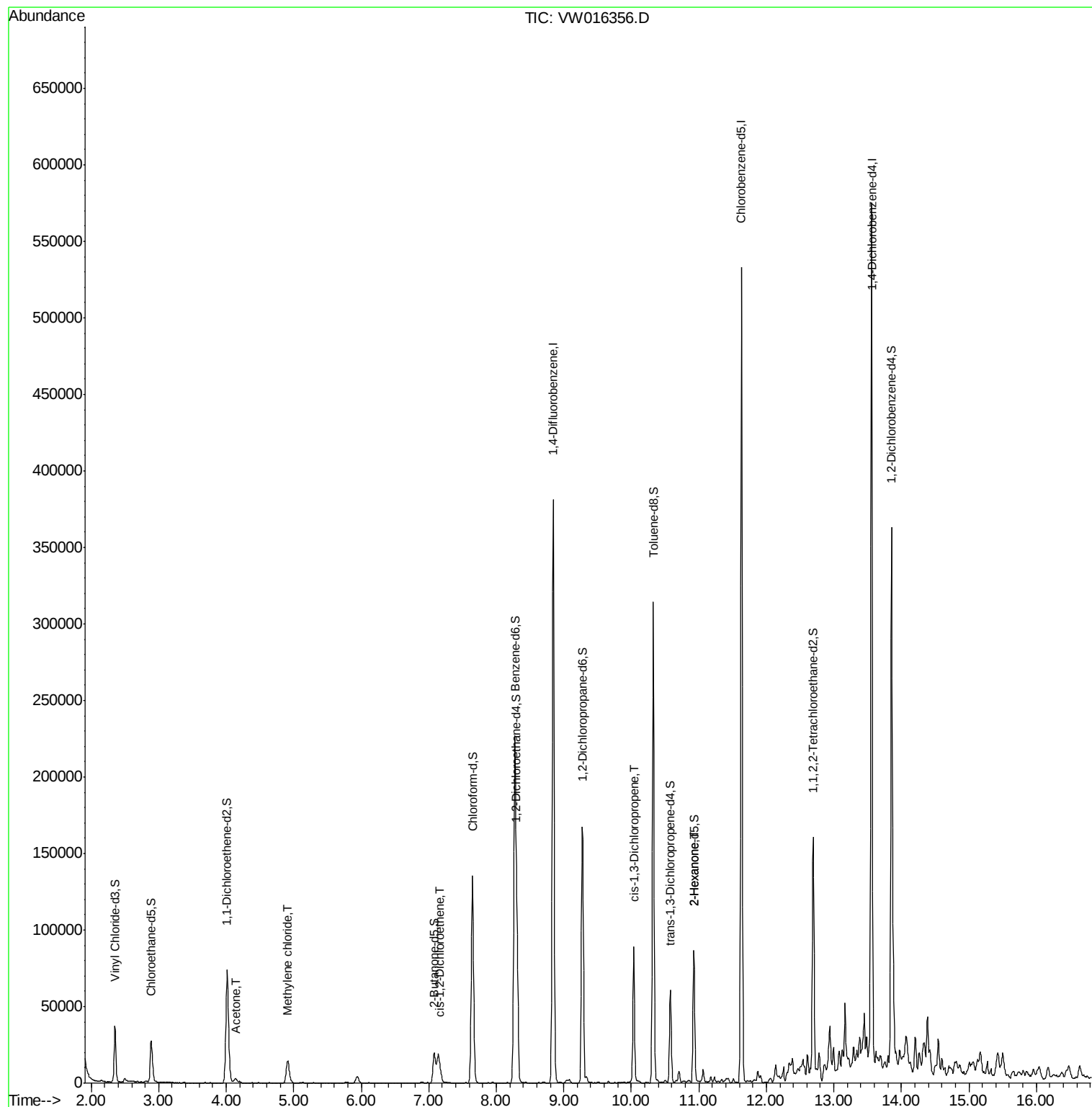
					Ovalue
13) Acetone	4.14	43	6188	7.387 ug/L	78
16) Methylene chloride	4.90	84	12658	2.060 ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	3077	0.631 ug/L	96
42) cis-1,3-Dichloropropene	10.04	75	2270	0.333 ug/L #	69
49) 2-Hexanone	10.93	43	3692	2.292 ug/L #	58

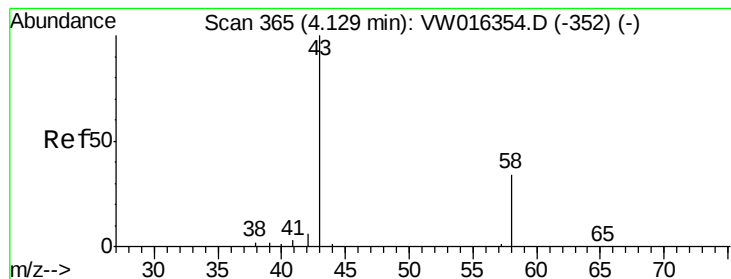
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 27 02:40:32 2020
Response via : Initial Calibration





#13

Acetone

Concen: 7.387 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW016356.D

Acq: 26 Aug 2020 10:53

Instrument :

MSVOA_W

ClientSampled :

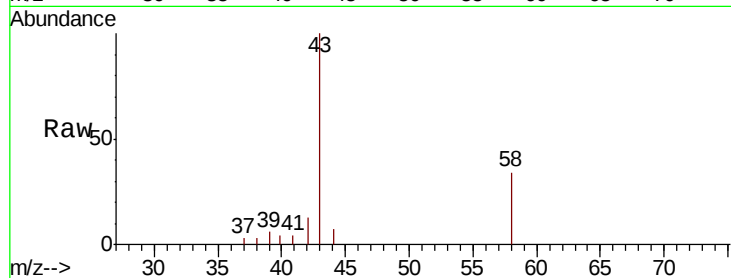
BG3H4

Tot Ion: 43 Resp: 6188

Ion Ratio Lower Upper

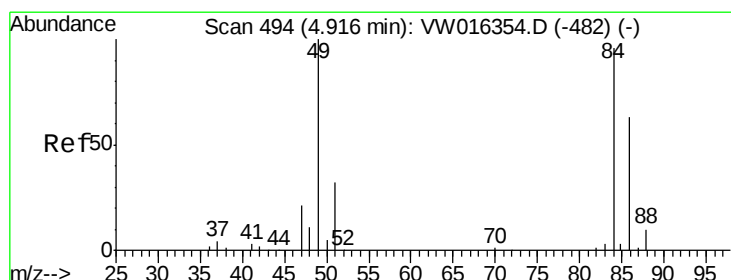
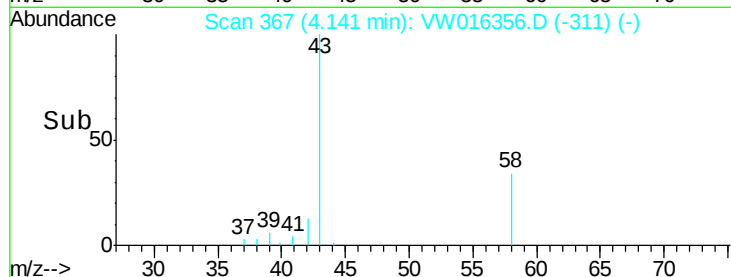
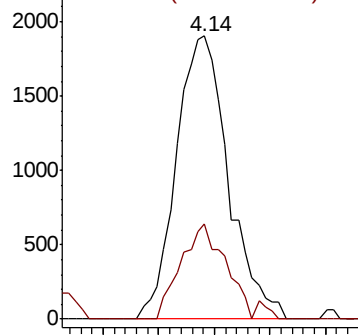
43 100

58 19.6 0.0 63.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.060 ug/L

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW016356.D

Acq: 26 Aug 2020 10:53

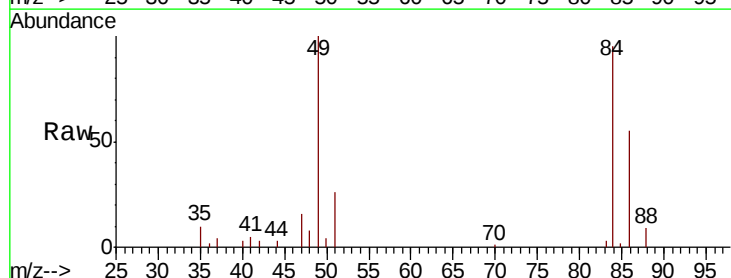
Tgt Ion: 84 Resp: 12658

Ion Ratio Lower Upper

84 100

49 105.4 75.3 139.9

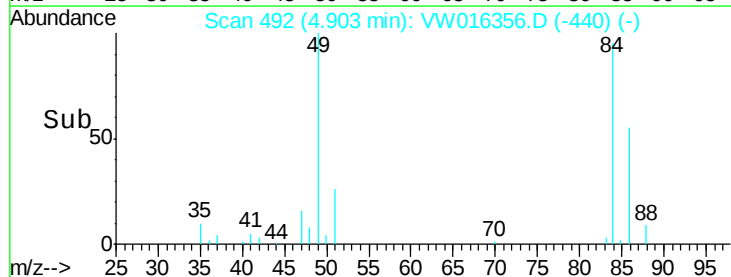
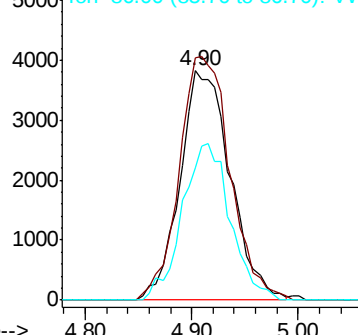
86 57.9 43.3 80.3

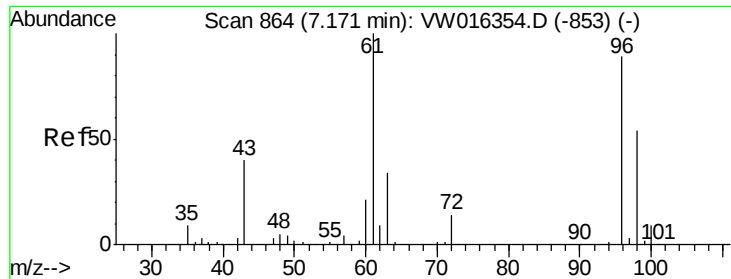


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW



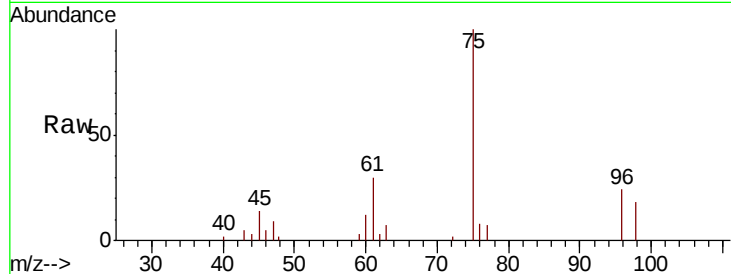


#22

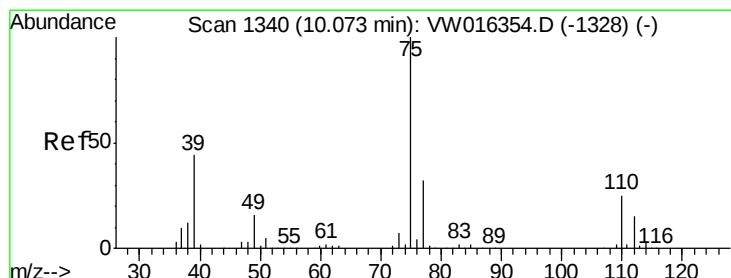
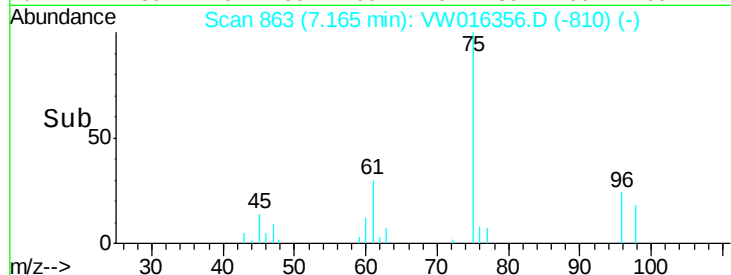
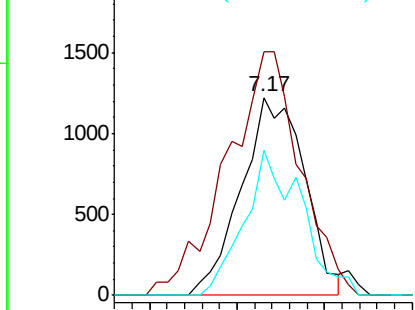
cis-1,2-Dichloroethene
Concen: 0.631 ug/L
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW016356.D
Acq: 26 Aug 2020 10:53

Instrument :
MSVOA_W
ClientSampleId :
BG3H4

Tot Ion: 96 Resp: 3077
Ion Ratio Lower Upper
96 100
61 123.1 84.9 157.7
98 73.5 46.8 86.8



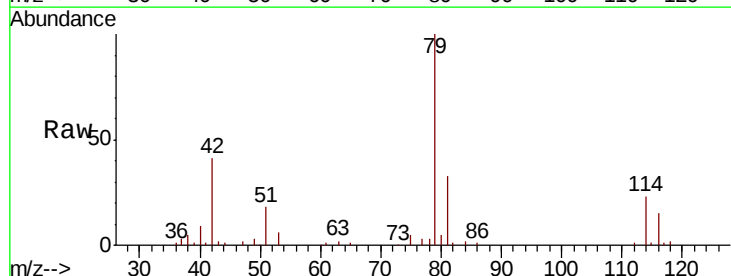
Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 98.00 (97.70 to 98.70): VW



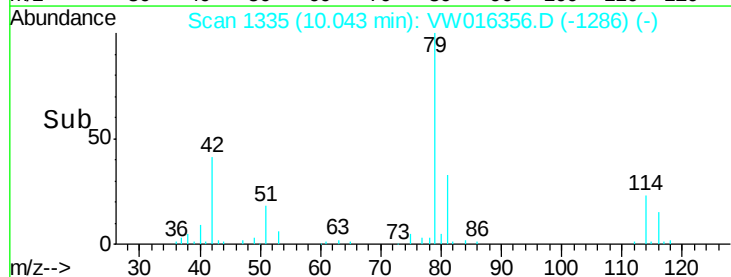
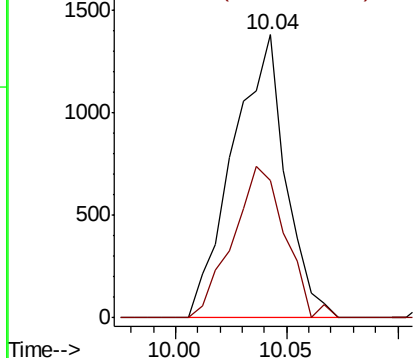
#42

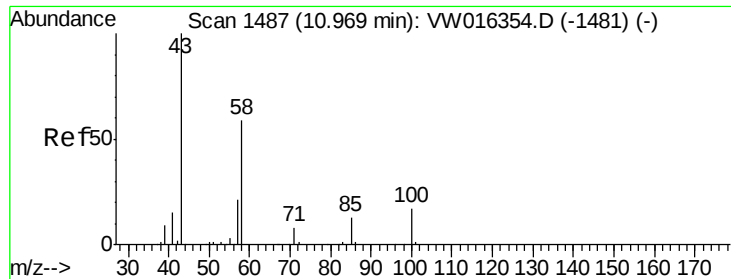
cis-1,3-Dichloropropene
Concen: 0.333 ug/L
RT: 10.04 min Scan# 1335
Delta R.T. -0.03 min
Lab File: VW016356.D
Acq: 26 Aug 2020 10:53

Tgt Ion: 75 Resp: 2270
Ion Ratio Lower Upper
75 100
77 48.8 22.0 40.8#



Abundance Ion 75.00 (74.70 to 75.70): VW
Ion 77.00 (76.70 to 77.70): VW





#49

2-Hexanone

Concen: 2.292 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW016356.D

Acq: 26 Aug 2020 10:53

Instrument :

MSVOA_W

ClientSampleId :

BG3H4

Tot Ion: 43 Resp: 3692

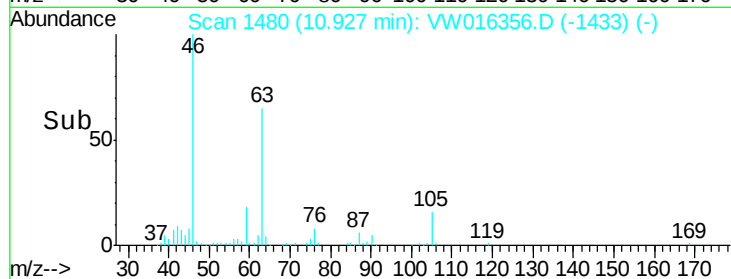
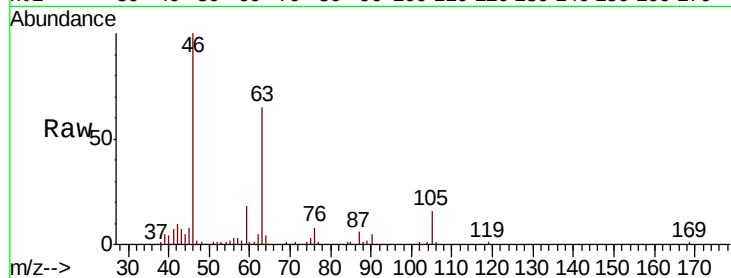
Ion Ratio Lower Upper

43 100

58 26.1 49.5 74.3#

57 38.9 17.7 26.5#

100 1.6 12.9 19.3#



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

