

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009527.D
 Acq On : 28 Mar 2019 04:11
 Operator : SY/VA
 Sample : K2068-19
 Misc : 5.35G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5L8RE

Quant Time: Mar 28 07:48:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 28 07:41:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	246436	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	240800	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	86983	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	47323	16.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.28%
7) Chloroethane-d5	2.89	69	58232	16.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.60%
10) 1,1-Dichloroethene-d2	4.01	63	84873	13.33	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.32%
20) 2-Butanone-d5	7.07	46	81305	66.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.52%
24) Chloroform-d	7.64	84	162096	24.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	8.30	65	107279	26.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.92%
29) Benzene-d6	8.27	84	256415	19.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.24%
33) 1,2-Dichloropropane-d6	9.27	67	93316	23.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.60%
37) Toluene-d8	10.32	98	211119	17.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.76%
38) trans-1,3-Dichloropropene-	10.58	79	36429	18.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.76%
39) 2-Hexanone-d5	10.93	63	48353	50.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.10%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	109410	27.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.40%
61) 1,2-Dichlorobenzene-d4	13.86	152	76355	22.89	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.56%

Target Compounds

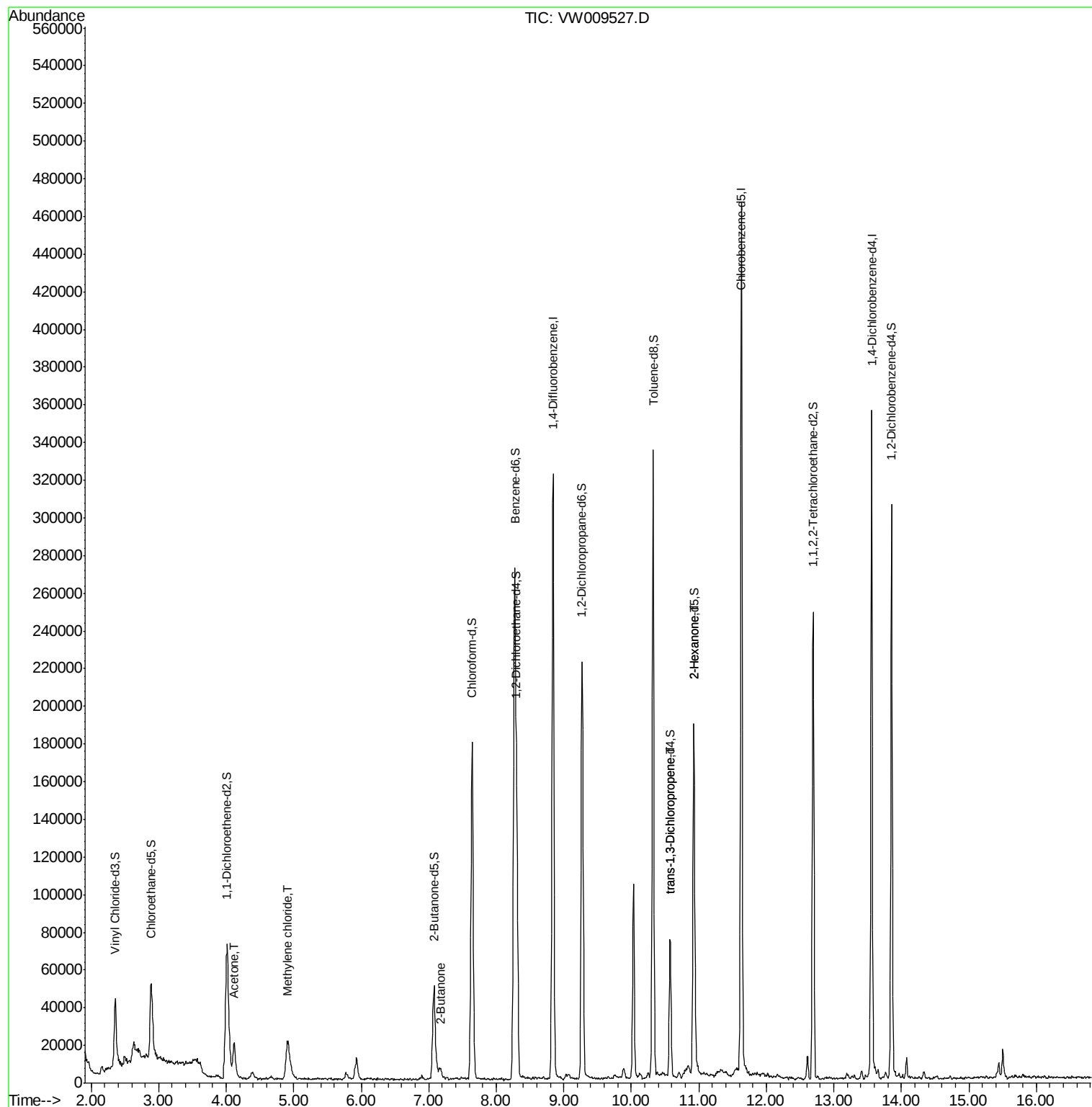
					Ovalue
13) Acetone	4.12	43	30457	30.495 ug/L	99
16) Methylene chloride	4.90	84	7263	2.021 ug/L	90
21) 2-Butanone	7.17	43	6557	4.755 ug/L	79
45) trans-1,3-Dichloropropene	10.58	75	2124	0.443 ug/L #	38
49) 2-Hexanone	10.93	43	10715	4.964 ug/L #	76

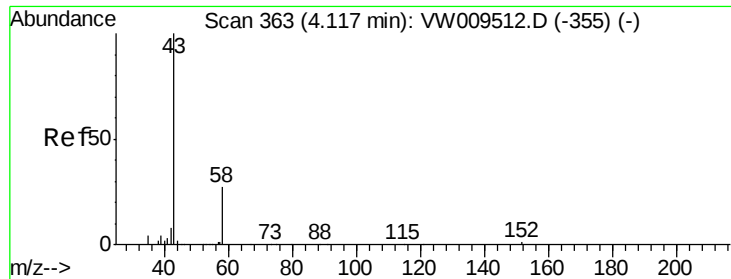
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 30.495 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW009527.D

Acq: 28 Mar 2019 04:11

Instrument :

MSVOA_W

ClientSampleId :

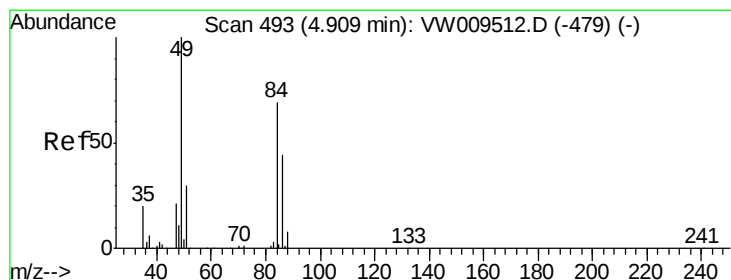
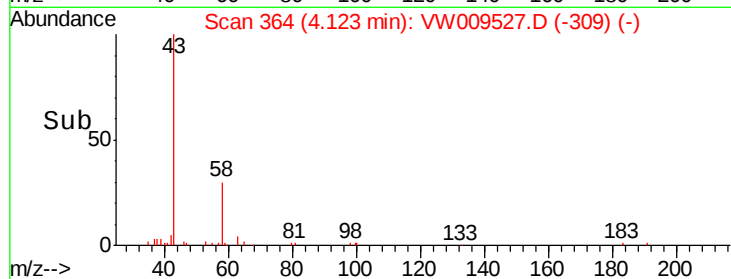
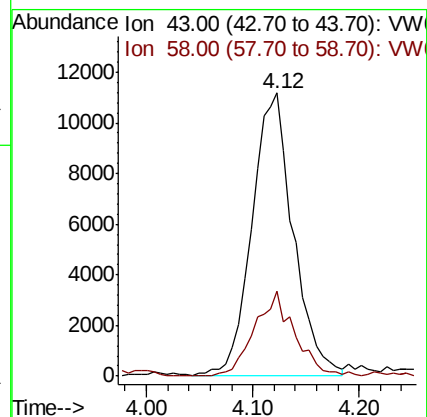
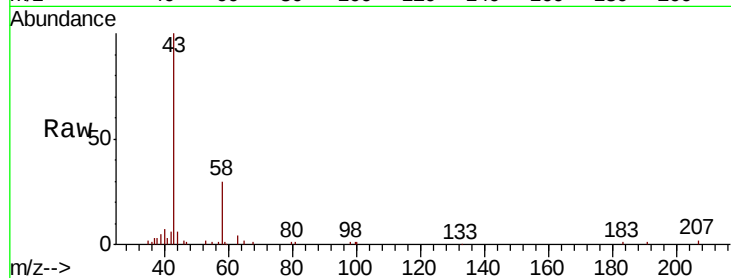
BF5L8RE

Tot Ion: 43 Resp: 30457

Ion Ratio Lower Upper

43 100

58 28.4 0.0 56.2



#16

Methylene chloride

Concen: 2.021 ug/L

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW009527.D

Acq: 28 Mar 2019 04:11

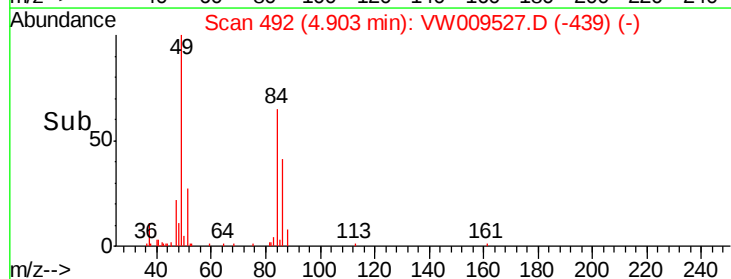
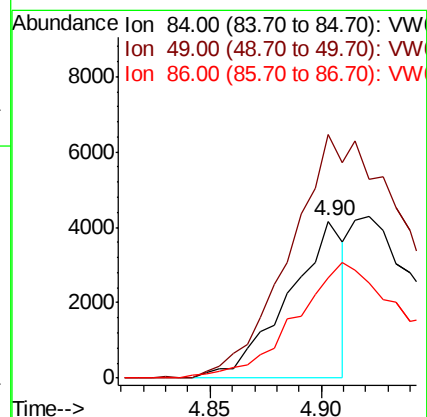
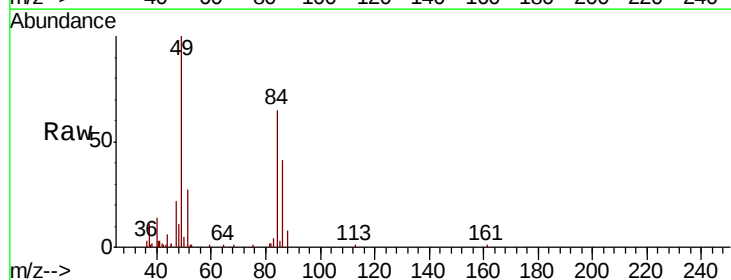
Tgt Ion: 84 Resp: 7263

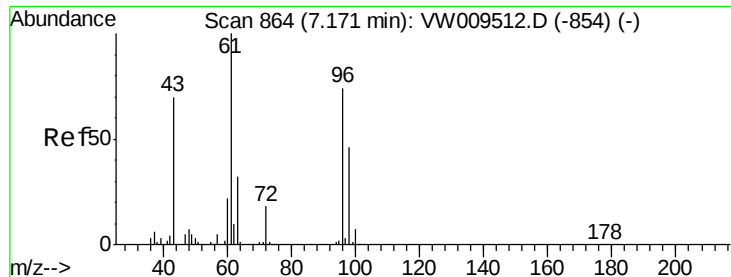
Ion Ratio Lower Upper

84 100

49 155.0 96.0 178.2

86 63.8 44.4 82.5





#21

2-Butanone

Concen: 4.755 ug/L

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW009527.D

Acq: 28 Mar 2019 04:11

Instrument :

MSVOA_W

ClientSampleId :

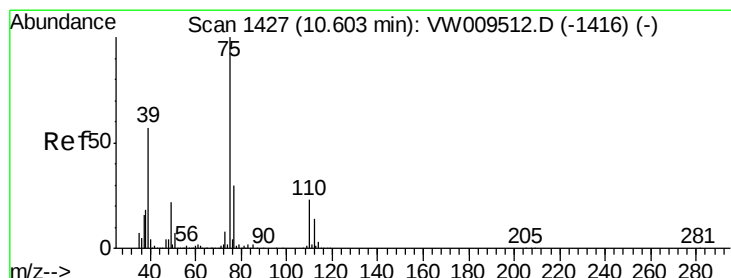
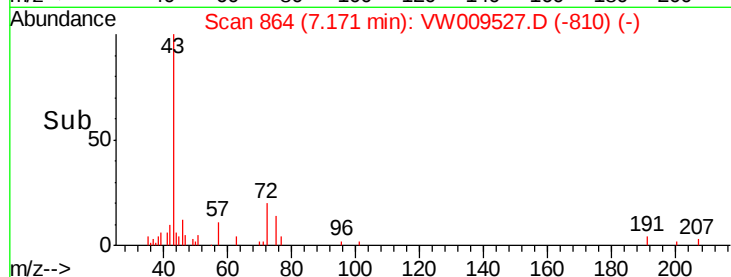
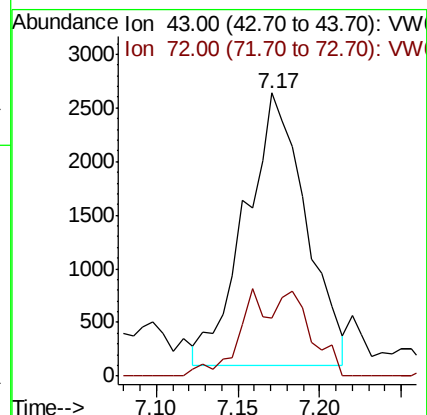
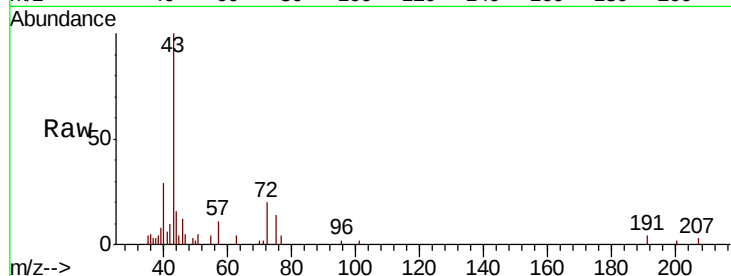
BF5L8RE

Tot Ion: 43 Resp: 6557

Ion Ratio Lower Upper

43 100

72 15.2 13.1 39.1



#45

trans-1,3-Dichloropropene

Concen: 0.443 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009527.D

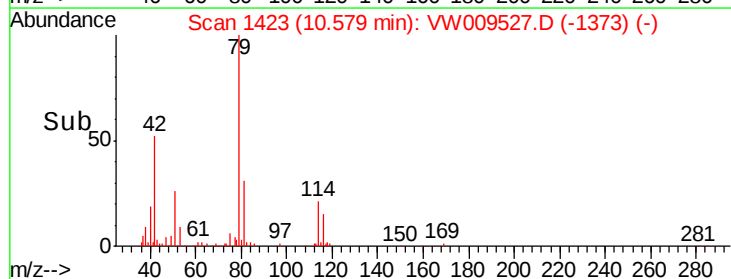
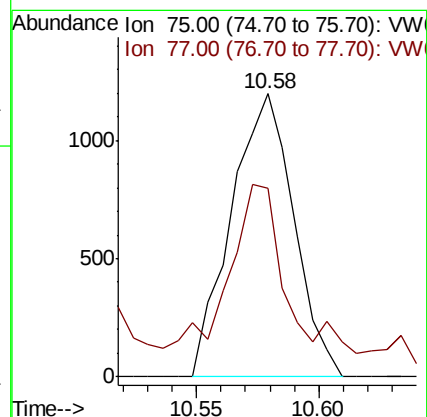
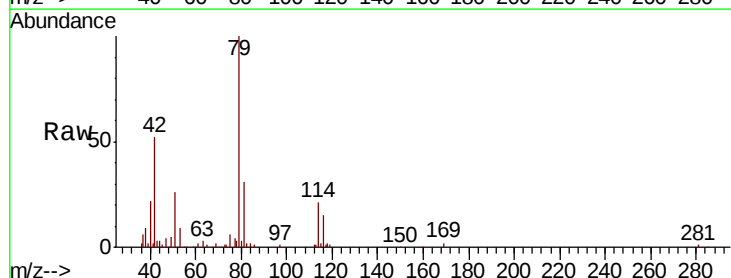
Acq: 28 Mar 2019 04:11

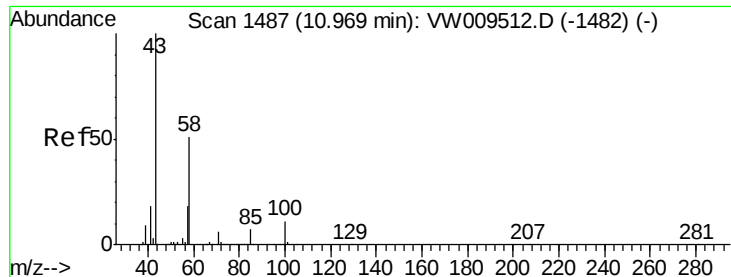
Tgt Ion: 75 Resp: 2124

Ion Ratio Lower Upper

75 100

77 66.8 22.5 41.7#





#49

2-Hexanone

Concen: 4.964 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW009527.D

Acq: 28 Mar 2019 04:11

Instrument :

MSVOA_W

ClientSampleId :

BF5L8RE

Tot Ion: 43 Resp: 10715

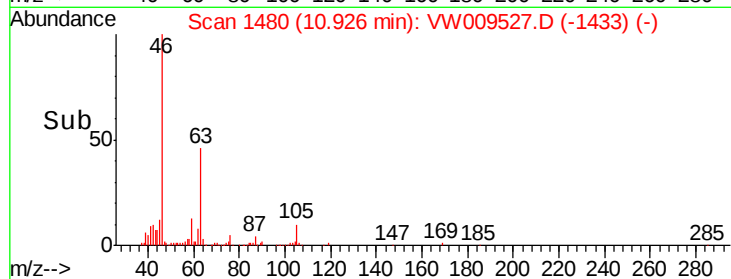
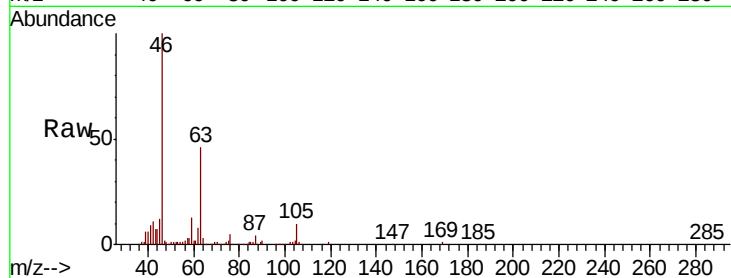
Ion Ratio Lower Upper

43 100

58 34.9 39.2 58.8#

57 31.9 14.2 21.2#

100 1.3 8.9 13.3#



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

