

Data File : VW014248.D
Acq On : 06 Dec 2019 14:38
Operator : SY/VA
Sample : K6171-02
Misc : 5.34G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BS1

Quant Time: Dec 07 04:13:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 07 04:10:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1104292	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	869112	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	301595	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	383564	22.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.76%
7) Chloroethane-d5	2.88	69	333115	26.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.16%
10) 1,1-Dichloroethene-d2	4.01	63	561131	19.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.00%
20) 2-Butanone-d5	7.09	46	202989	46.58	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.16%
24) Chloroform-d	7.65	84	699677	24.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.52%
26) 1,2-Dichloroethane-d4	8.31	65	359520	24.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.56%
29) Benzene-d6	8.27	84	1504697	29.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.16%
33) 1,2-Dichloropropane-d6	9.27	67	455259	29.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.20%
37) Toluene-d8	10.32	98	1287712	27.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.84%
38) trans-1,3-Dichloropropene-	10.57	79	157761	24.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.00%
39) 2-Hexanone-d5	10.92	63	160284	51.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.88%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	326162	25.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	312961	27.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.64%

Target Compounds

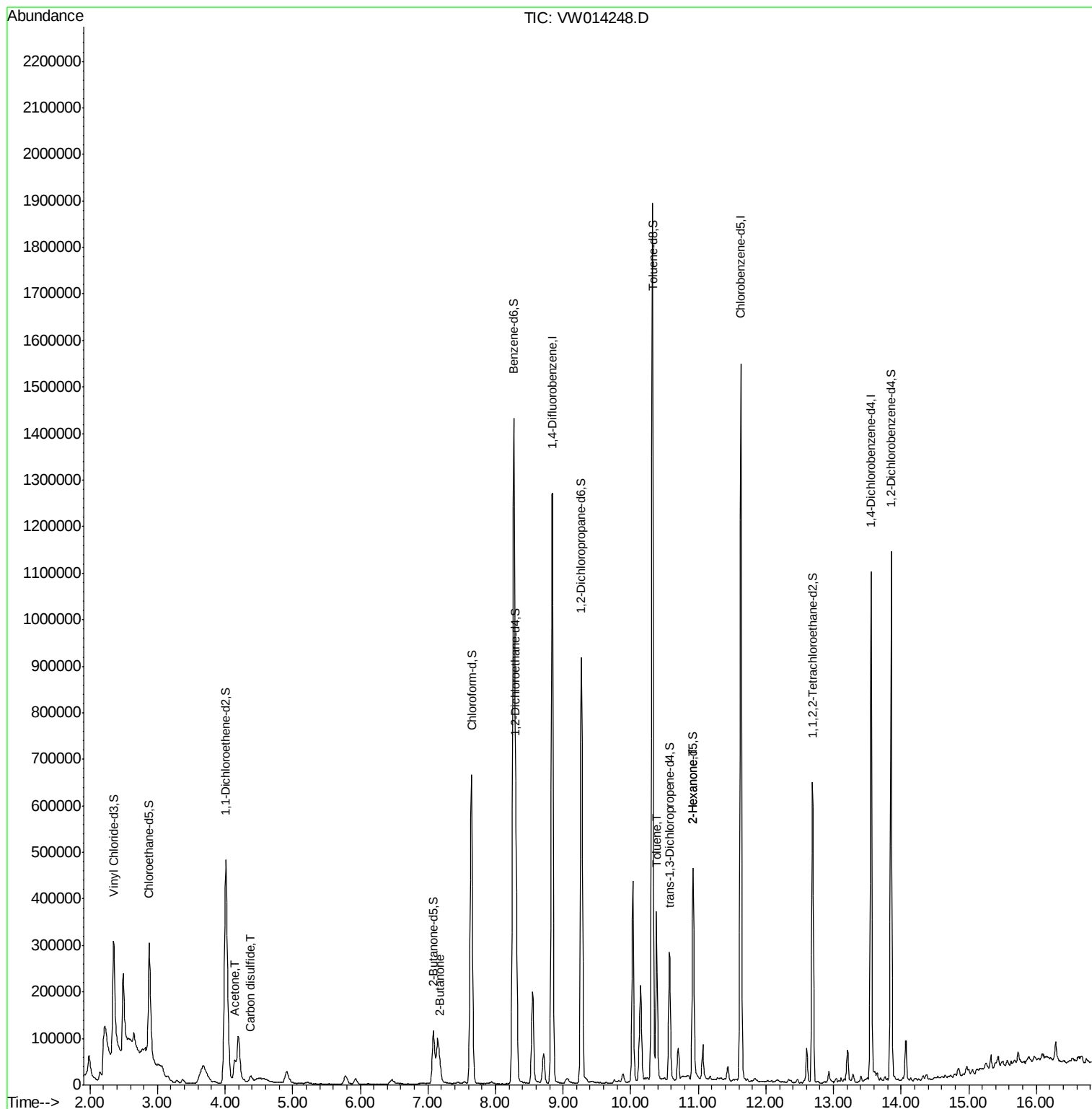
					Qvalue
13) Acetone	4.14	43	95802	22.803 ug/L	100
14) Carbon disulfide	4.38	76	41116	0.909 ug/L	98
21) 2-Butanone	7.18	43	45989	8.153 ug/L	92
44) Toluene	10.38	91	272267	4.719 ug/L	97
49) 2-Hexanone	10.92	43	21727	3.274 ug/L #	64

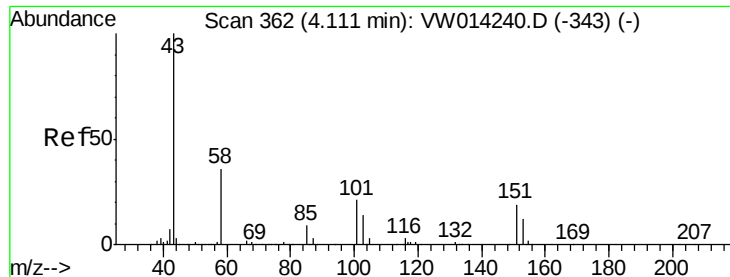
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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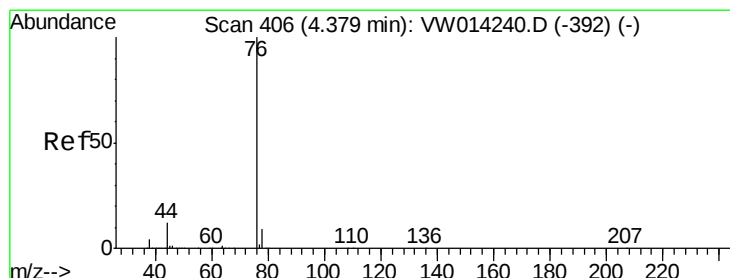
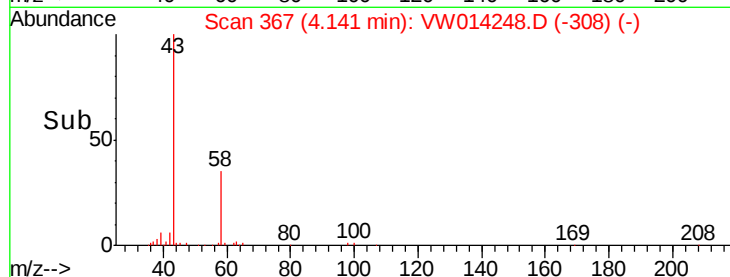
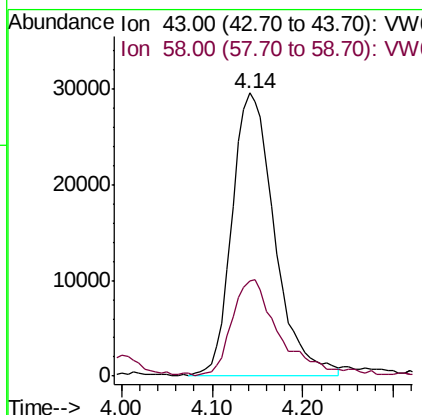
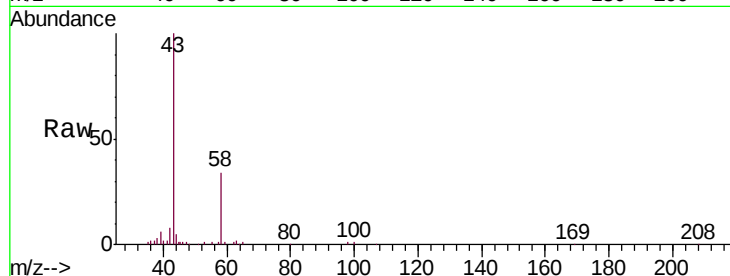




#13
Acetone
Concen: 22.803 ug/L
RT: 4.14 min Scan# 367
Delta R.T. 0.03 min
Lab File: VW014248.D
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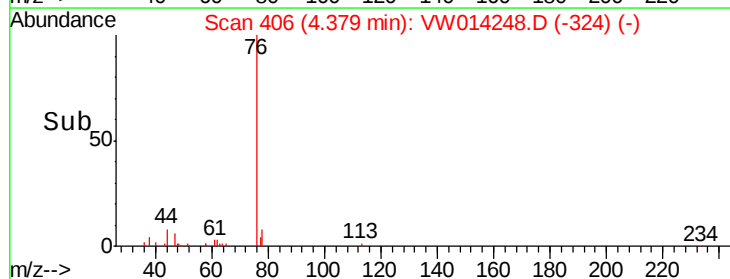
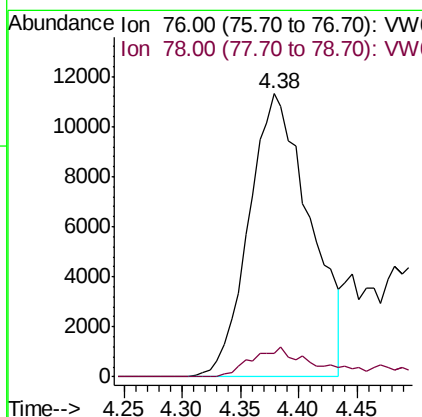
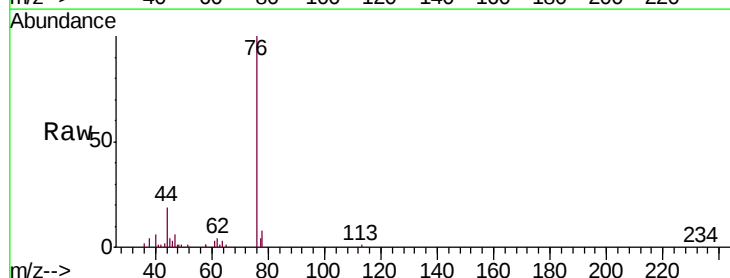
Instrument :
MSVOA_W
ClientSampleId :
C0BS1

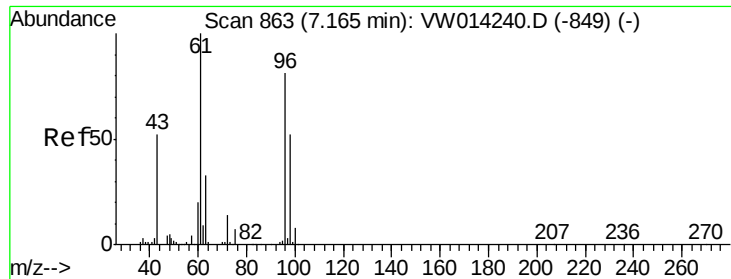
Tgt Ion: 43 Resp: 95802
Ion Ratio Lower Upper
43 100
58 32.8 0.0 65.4



#14
Carbon disulfide
Concen: 0.909 ug/L
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW014248.D
Acq: 06 Dec 2019 14:38

Tgt Ion: 76 Resp: 41116
Ion Ratio Lower Upper
76 100
78 8.3 7.2 10.8





#21

2-Butanone

Concen: 8.153 ug/L

RT: 7.18 min Scan# 866

Delta R.T. 0.02 min

Lab File: VW014248.D

Acq: 06 Dec 2019 14:38

Instrument :

MSVOA_W

ClientSampleId :

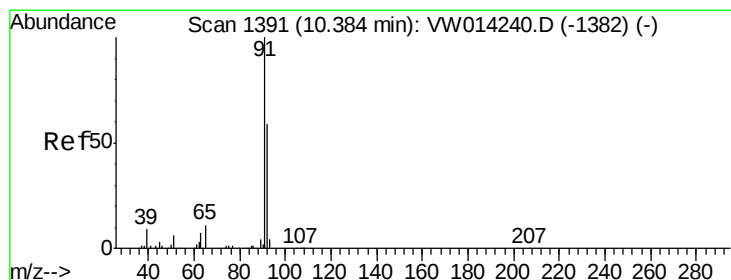
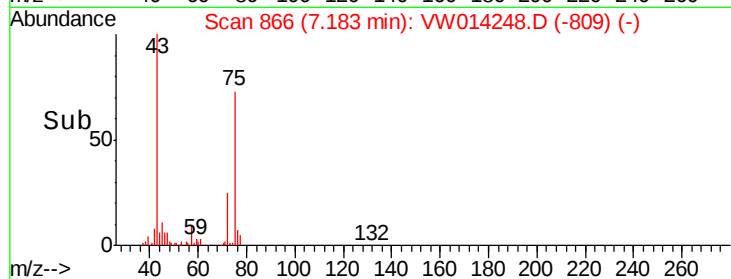
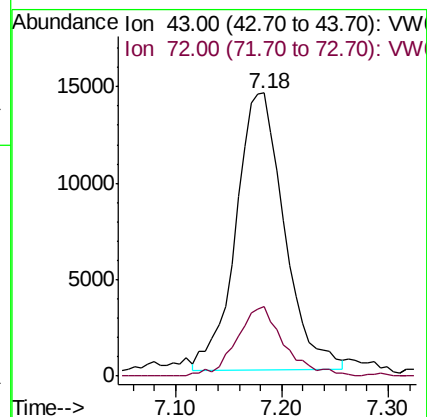
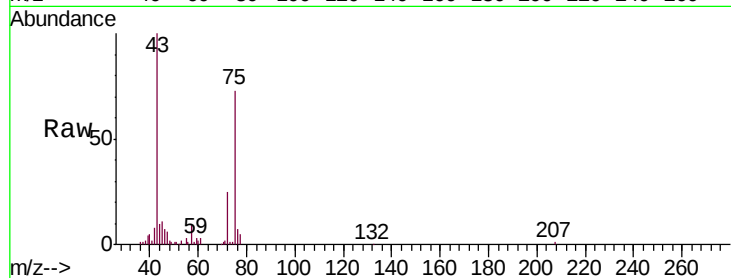
C0BS1

Tgt Ion: 43 Resp: 45989

Ion Ratio Lower Upper

43 100

72 23.7 14.1 42.2



#44

Toluene

Concen: 4.719 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW014248.D

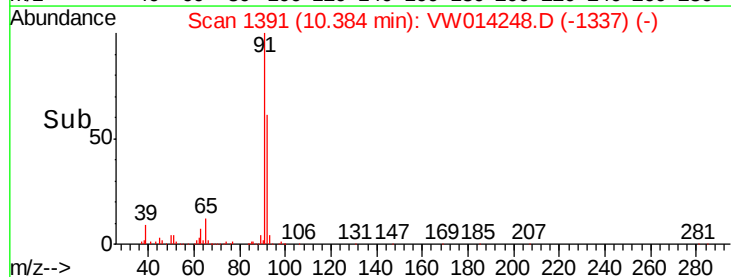
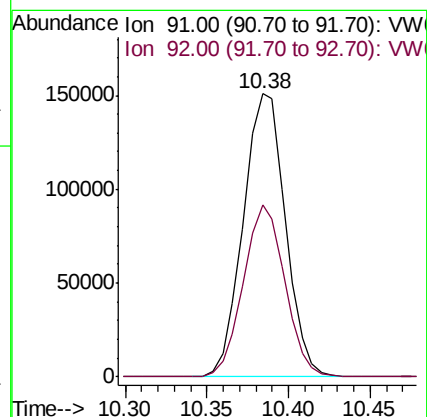
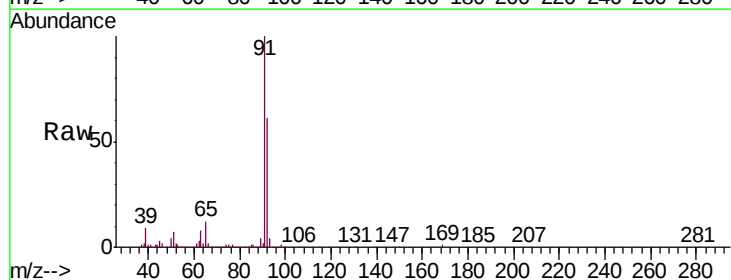
Acq: 06 Dec 2019 14:38

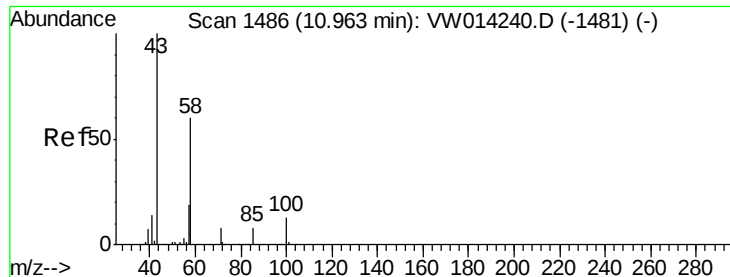
Tgt Ion: 91 Resp: 272267

Ion Ratio Lower Upper

91 100

92 60.6 40.7 75.7





#49

2-Hexanone

Concen: 3.274 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

Lab File: VW014248.D

Acq: 06 Dec 2019 14:38

Instrument :

MSVOA_W

ClientSampleId :

C0BS1

Tgt Ion: 43 Resp: 21727

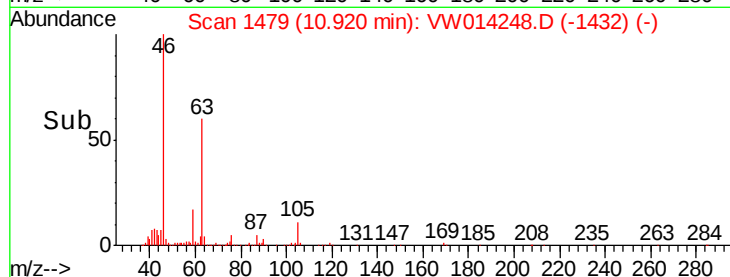
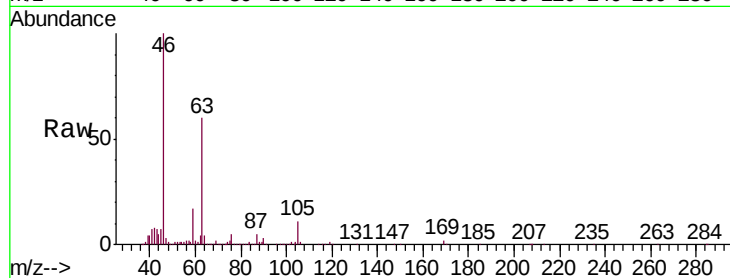
Ion Ratio Lower Upper

43 100

58 23.1 44.4 66.6#

57 28.7 16.5 24.7#

100 1.4 11.1 16.7#



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

