

Data File : VR026456.D
Acq On : 5 Apr 2019 11:03
Operator : SY/MD
Sample : K2271-05
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
DB7C8

Quant Time: Apr 06 05:57:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Apr 06 05:54:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	513599	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	421825	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	122608	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	145334	3.72	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.40%
7) Chloroethane-d5	2.63	69	129169	3.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.40%
11) 1,1-Dichloroethene-d2	3.61	63	289540	2.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.40%#
20) 2-Butanone-d5	6.59	46	125712	36.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.26%
24) Chloroform-d	7.20	84	274755	3.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.00%
26) 1,2-Dichloroethane-d4	7.89	65	118158	3.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.80%
32) Benzene-d6	7.85	84	488537	3.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.20%
36) 1,2-Dichloropropane-d6	8.89	67	131172	3.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.20%
41) Toluene-d8	9.97	98	426958	3.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.80%
43) trans-1,3-Dichloropropene-	10.23	79	28805	3.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.20%
46) 2-Hexanone-d5	10.59	63	93832	37.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.56%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	47734	3.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	70.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	82005	4.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.40%

Target Compounds

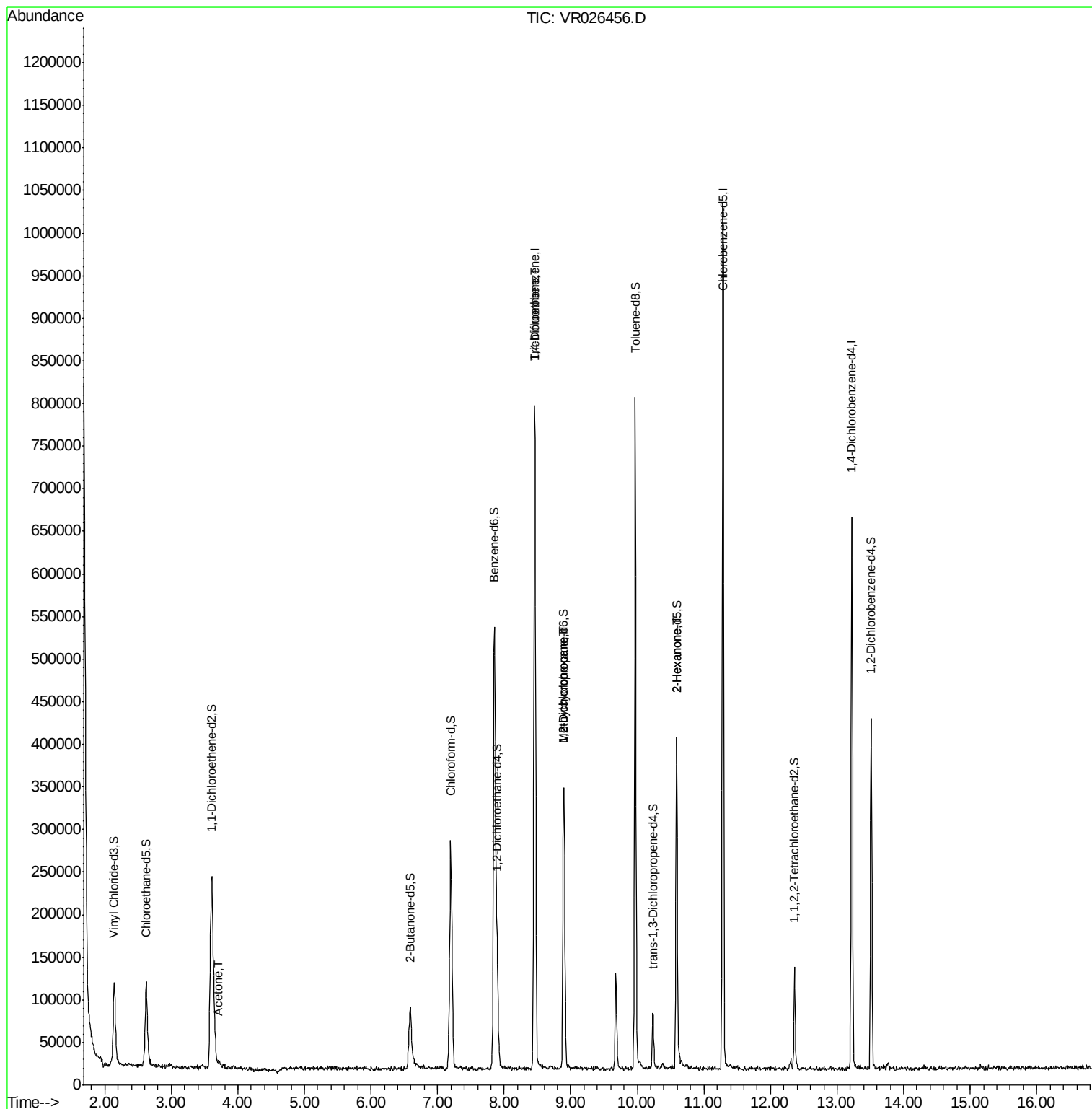
					Qvalue
13) Acetone	3.70	43	7851	2.233 ug/L	94
34) Trichloroethene	8.46	95	17822	0.404 ug/L #	11
35) Methylcyclohexane	8.90	83	32147	0.510 ug/L #	15
37) 1,2-Dichloropropane	8.89	63	16712	0.463 ug/L	98
48) 2-Hexanone	10.59	43	16942	2.406 ug/L #	68

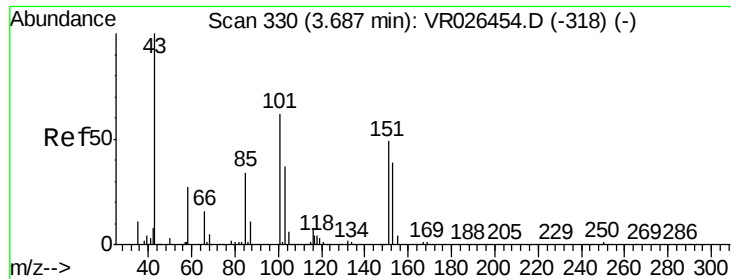
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.233 ug/L

RT: 3.70 min Scan# 332

Delta R.T. 0.01 min

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Acq: 5 Apr 2019 11:03

Instrument :

MSVOA_R

ClientSampleId :

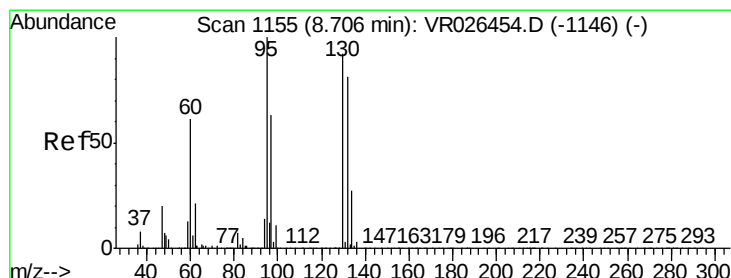
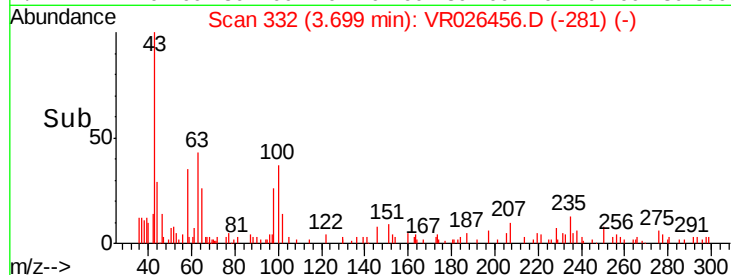
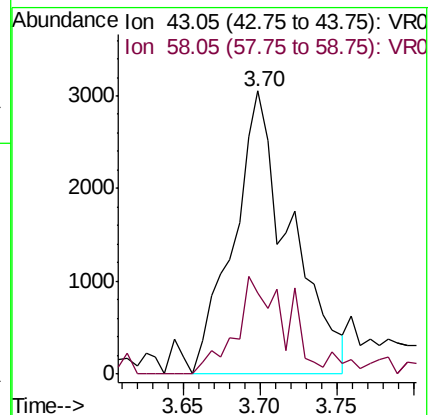
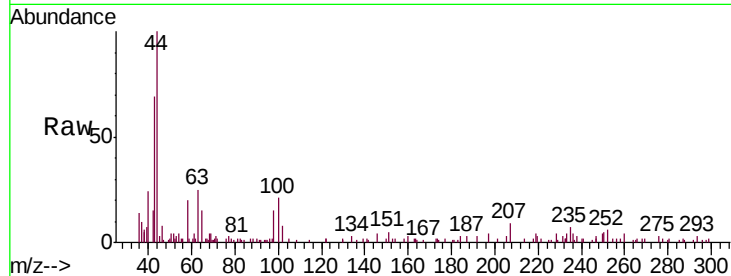
DB7C8

Tgt Ion: 43 Resp: 7851

Ion Ratio Lower Upper

43 100

58 30.1 0.0 53.8



#34

Trichloroethene

Concen: 0.404 ug/L

RT: 8.46 min Scan# 1114

Delta R.T. -0.25 min

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Tgt Ion: 95 Resp: 17822

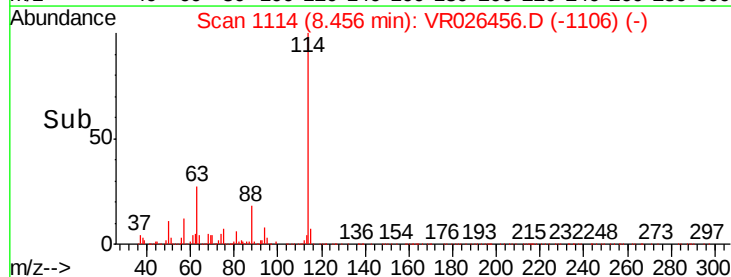
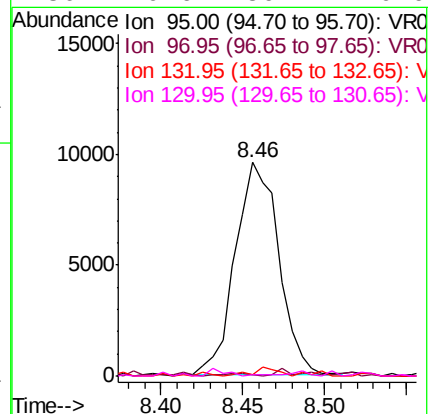
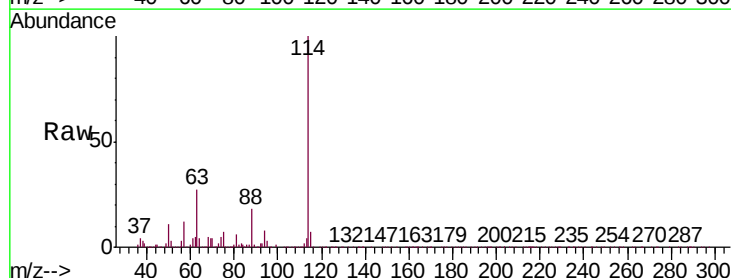
Ion Ratio Lower Upper

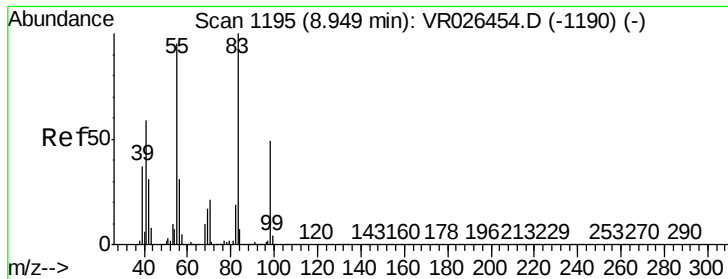
95 100

97 0.6 43.8 81.3#

132 0.6 57.2 106.2#

130 0.6 59.7 110.9#





#35

Methylcyclohexane

Concen: 0.510 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

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ClientSampleId :

DB7C8

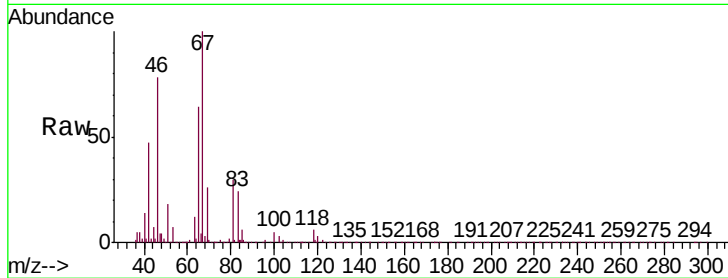
Tgt Ion: 83 Resp: 32147

Ion Ratio Lower Upper

83 100

55 0.9 73.8 110.6#

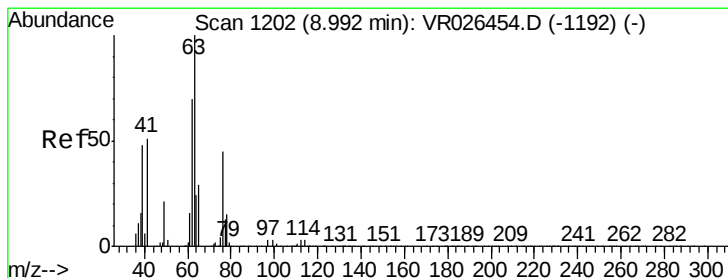
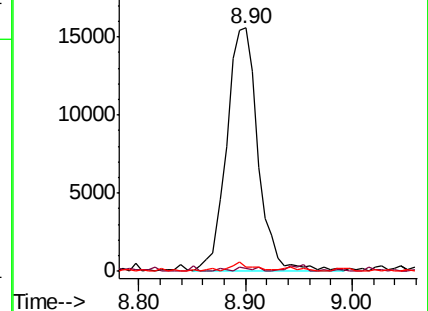
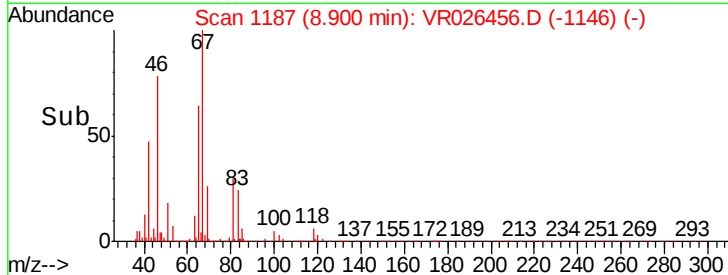
98 2.7 34.6 51.8#



Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0



#37

1,2-Dichloropropane

Concen: 0.463 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.10 min

Lab File: VR026456.D

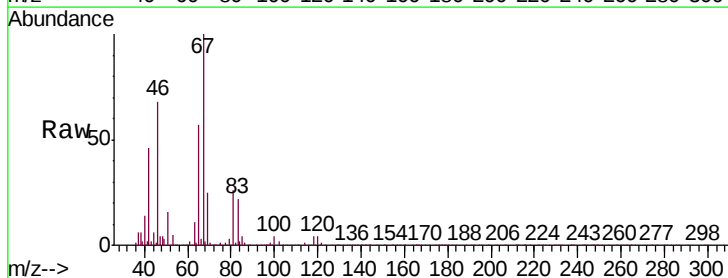
Acq: 5 Apr 2019 11:03

Tgt Ion: 63 Resp: 16712

Ion Ratio Lower Upper

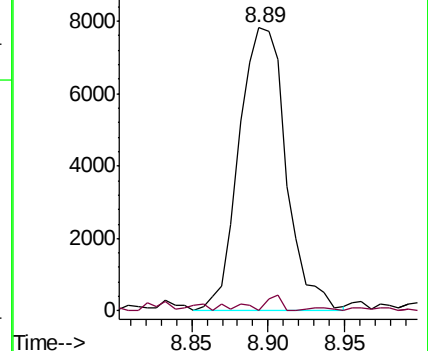
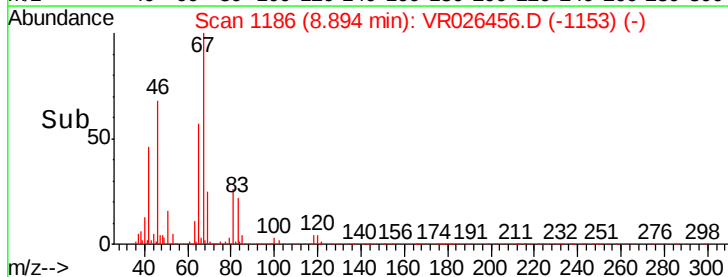
63 100

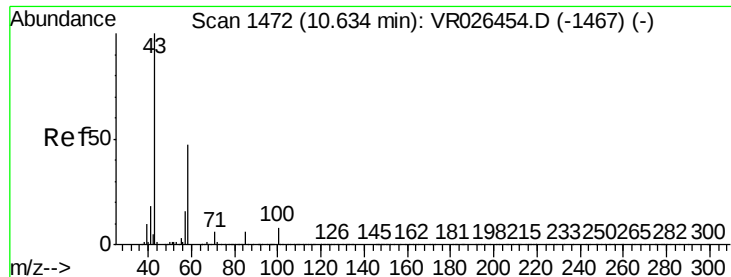
112 3.0 2.8 4.2



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V





#48

2-Hexanone

Concen: 2.406 ug/L

RT: 10.59 min Scan# 1464

Delta R.T. -0.05 min

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Instrument :

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Tgt Ion: 43 Resp: 16942

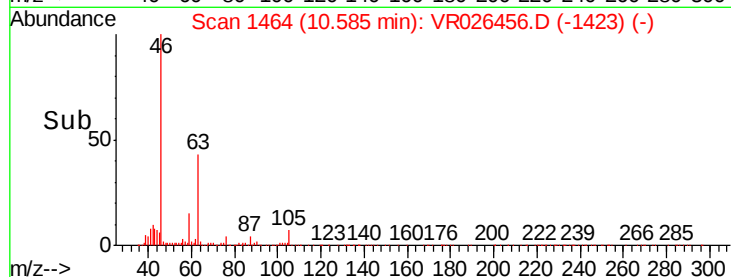
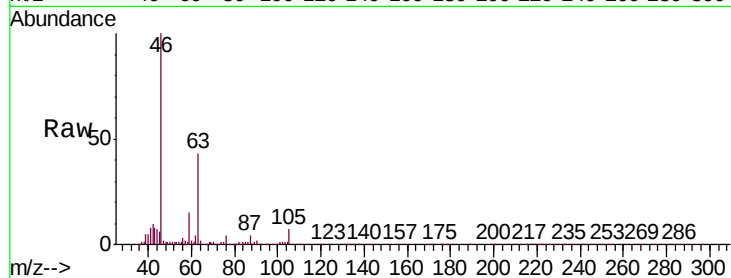
Ion Ratio Lower Upper

43 100

58 27.0 38.2 57.2#

57 38.3 13.8 20.6#

100 7.5 6.2 9.2



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

Ion 57.20 (56.90 to 57.90): VR0

Ion 100.15 (99.85 to 100.85): VR0

