

Data File : VR025640.D
Acq On : 24 Aug 2018 18:02
Operator : SY/MD
Sample : J4643-11
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
H0K18

Quant Time: Aug 24 23:06:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR082118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 24 23:05:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.47	114	493966	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	406526	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	117372	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	123229	3.83	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.60%
7) Chloroethane-d5	2.63	69	110218	3.97	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.40%
11) 1,1-Dichloroethene-d2	3.63	63	219633	2.76	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.20%#
20) 2-Butanone-d5	6.60	46	141992	57.96	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.92%
24) Chloroform-d	7.20	84	227159	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.40%
26) 1,2-Dichloroethane-d4	7.89	65	83850	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
32) Benzene-d6	7.86	84	532525	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.20%
36) 1,2-Dichloropropane-d6	8.90	67	151586	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.40%
41) Toluene-d8	9.97	98	505540	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
43) trans-1,3-Dichloropropene-	10.24	79	30642	3.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.60%
46) 2-Hexanone-d5	10.59	63	135191	51.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.34%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	65118	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	109643	5.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.00%

Target Compounds

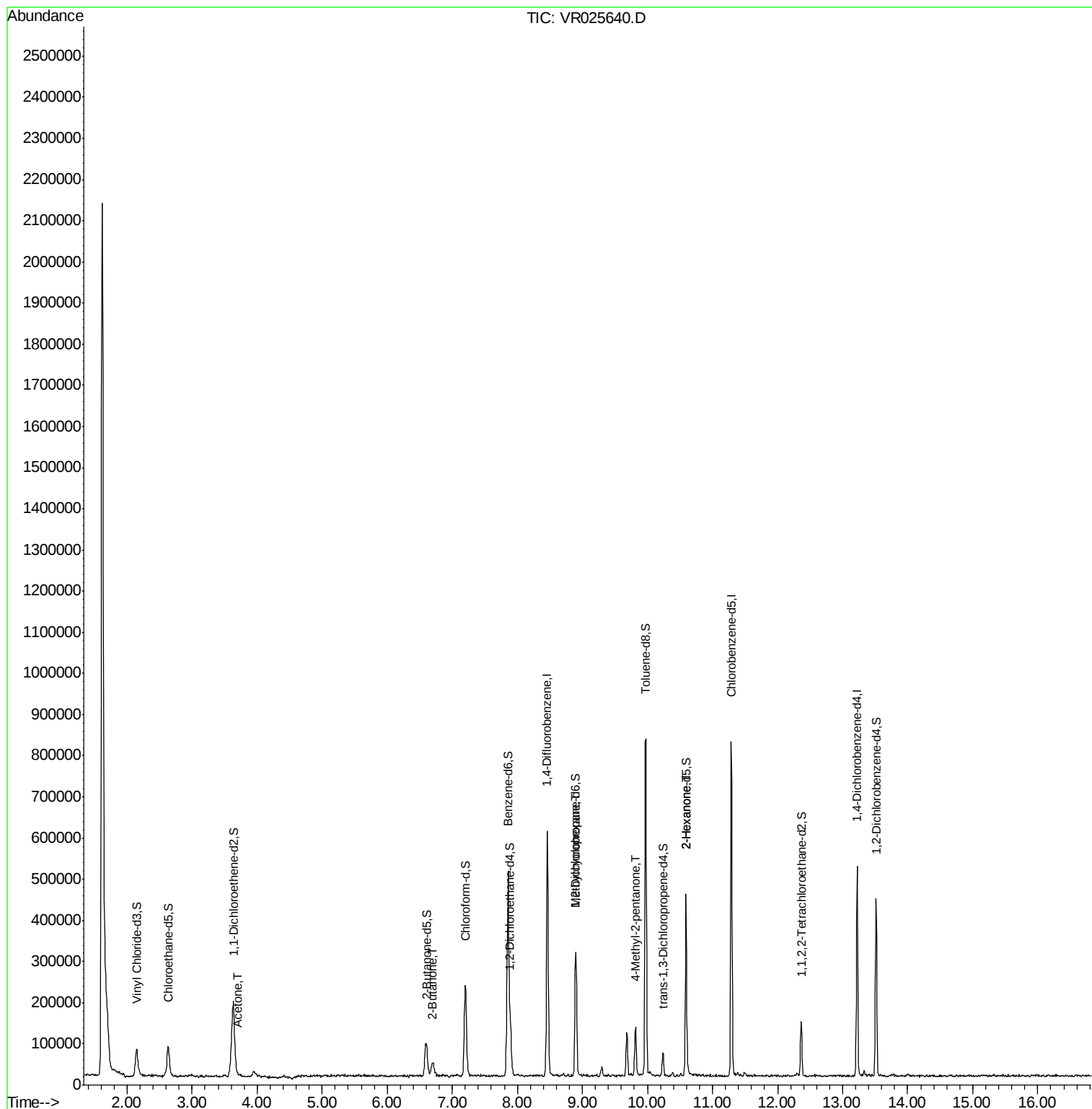
					Qvalue
13) Acetone	3.70	43	5539	3.629 ug/L	65
21) 2-Butanone	6.68	43	1547	0.514 ug/L	77
35) Methylcyclohexane	8.90	83	32892	0.595 ug/L #	22
40) 4-Methyl-2-pentanone	9.82	43	45781	5.799 ug/L #	46
48) 2-Hexanone	10.59	43	16437	2.987 ug/L #	59

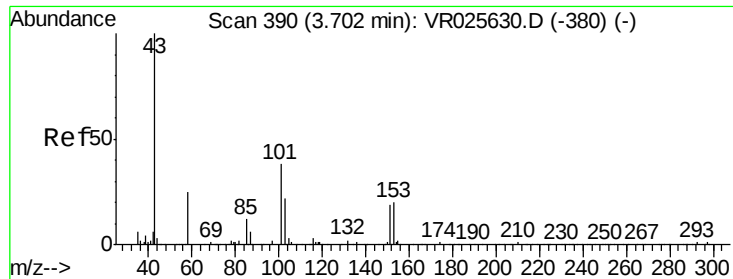
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.629 ug/L

RT: 3.70 min Scan# 390

Delta R.T. 0.00 min

Lab File: VR025640.D

Acq: 24 Aug 2018 18:02

Instrument :

MSVOA_R

ClientSampleId :

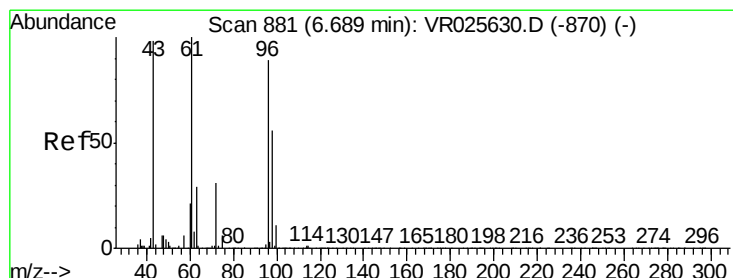
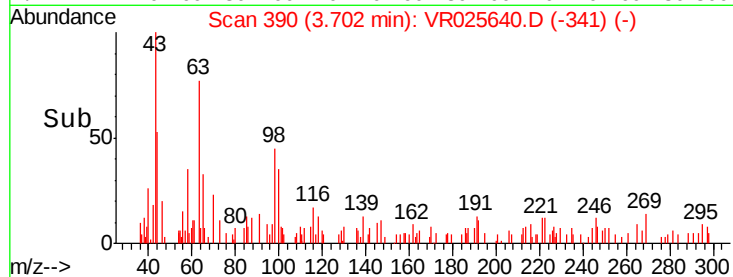
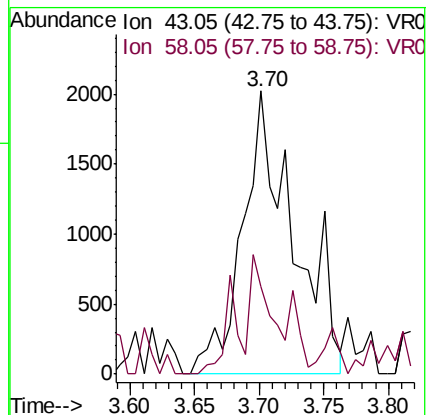
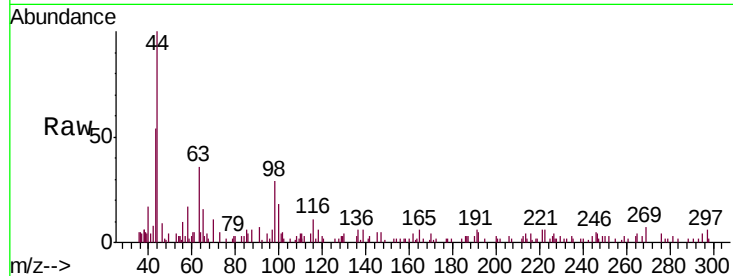
H0K18

Tgt Ion: 43 Resp: 5539

Ion Ratio Lower Upper

43 100

58 12.3 0.0 63.4



#21

2-Butanone

Concen: 0.514 ug/L

RT: 6.68 min Scan# 880

Delta R.T. -0.01 min

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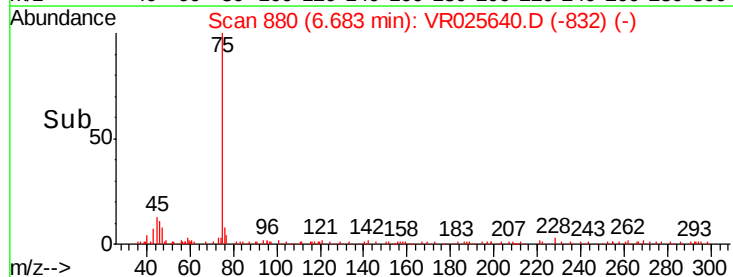
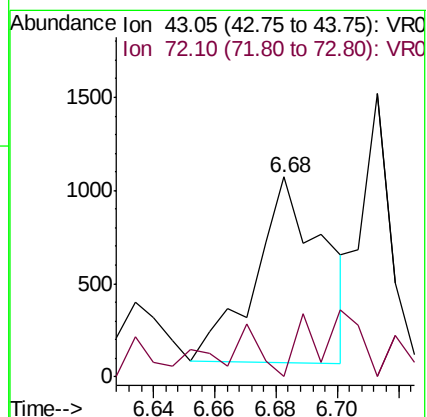
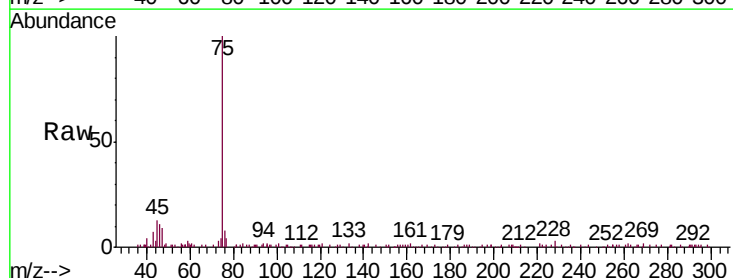
Acq: 24 Aug 2018 18:02

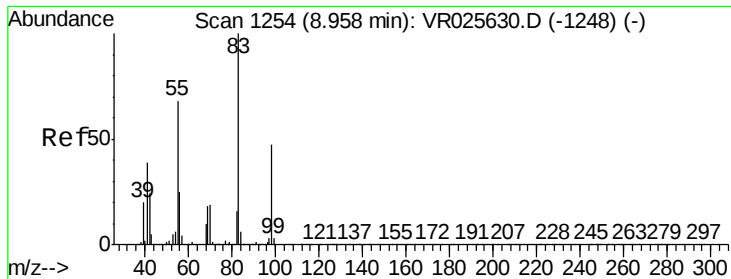
Tgt Ion: 43 Resp: 1547

Ion Ratio Lower Upper

43 100

72 16.4 14.3 42.9

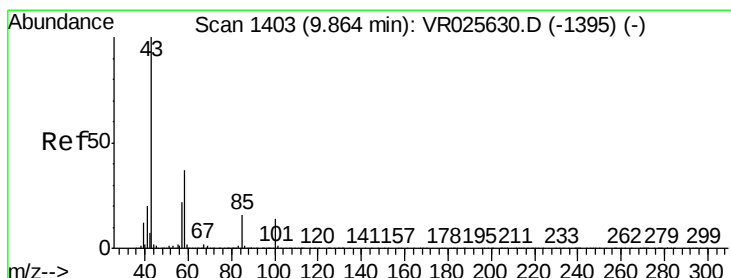
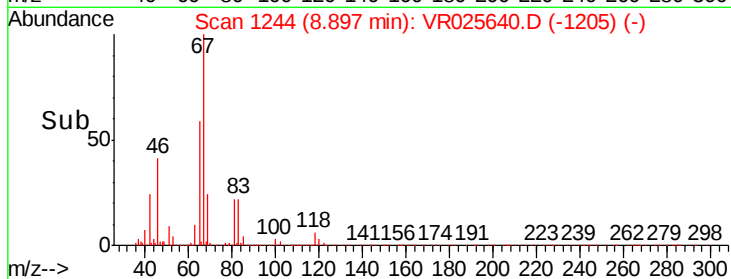
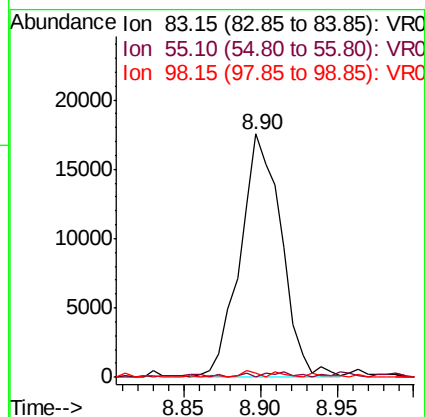
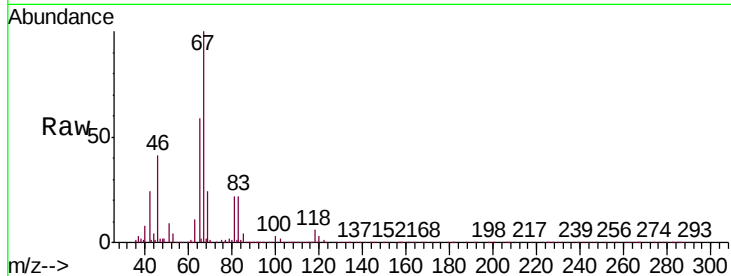




#35
Methylcyclohexane
Concen: 0.595 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.06 min
Lab File: VR025640.D
Acq: 24 Aug 2018 18:02

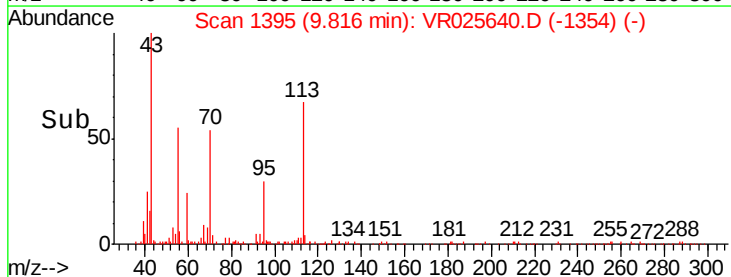
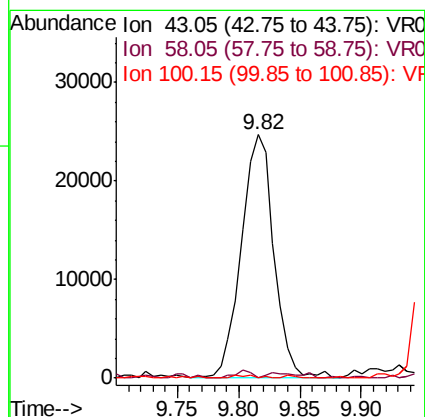
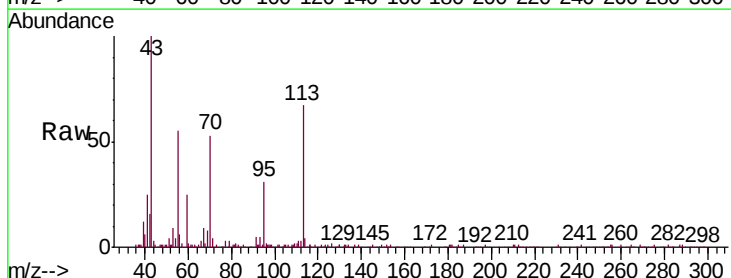
Instrument :
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ClientSampled :
H0K18

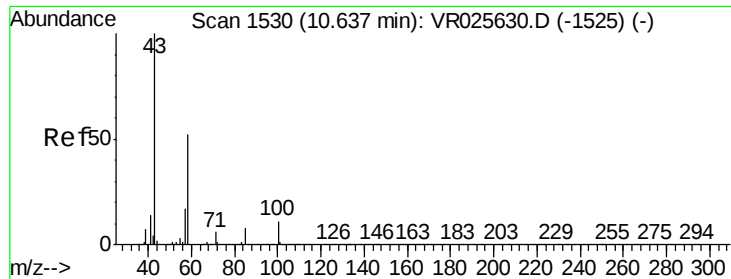
Tgt Ion: 83 Resp: 32892
Ion Ratio Lower Upper
83 100
55 0.8 56.7 85.1#
98 1.1 35.8 53.8#



#40
4-Methyl-2-pentanone
Concen: 5.799 ug/L
RT: 9.82 min Scan# 1395
Delta R.T. -0.05 min
Lab File: VR025640.D
Acq: 24 Aug 2018 18:02

Tgt Ion: 43 Resp: 45781
Ion Ratio Lower Upper
43 100
58 1.6 31.4 47.2#
100 0.0 11.5 17.3#





#48

2-Hexanone

Concen: 2.987 ug/L

RT: 10.59 min Scan# 1523

Delta R.T. -0.04 min

Lab File: VR025640.D

Acq: 24 Aug 2018 18:02

Instrument :

MSVOA_R

ClientSampleId :

H0K18

Tgt Ion: 43 Resp: 16437

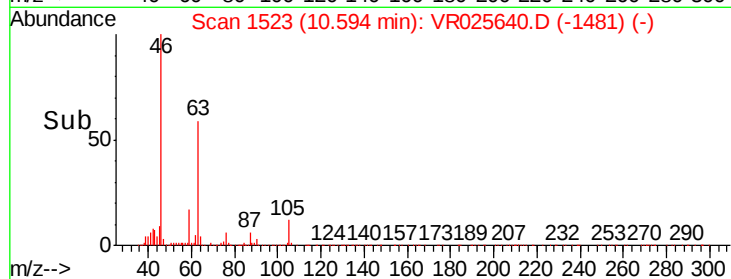
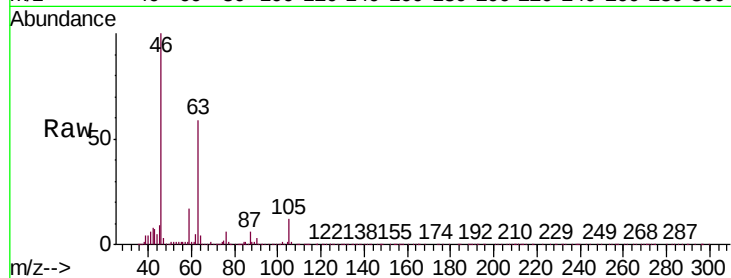
Ion Ratio Lower Upper

43 100

58 27.8 46.4 69.6#

57 41.8 14.3 21.5#

100 2.7 8.8 13.2#



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

