

Data File : VR026463.D
Acq On : 5 Apr 2019 14:47
Operator : SY/MD
Sample : K2271-19
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
DB7E0

Quant Time: Apr 06 05:59:52 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	517374	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	420356	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	122099	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	157512	4.01	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.20%
7) Chloroethane-d5	2.62	69	142518	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	3.60	63	324608	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	6.58	46	152522	43.52	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.04%
24) Chloroform-d	7.20	84	304449	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.40%
26) 1,2-Dichloroethane-d4	7.89	65	130850	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
32) Benzene-d6	7.85	84	547457	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.40%
36) 1,2-Dichloropropane-d6	8.89	67	151211	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.00%
41) Toluene-d8	9.97	98	487803	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.00%
43) trans-1,3-Dichloropropene-	10.23	79	28984	3.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.80%
46) 2-Hexanone-d5	10.59	63	110854	44.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.58%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	52366	3.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	88836	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

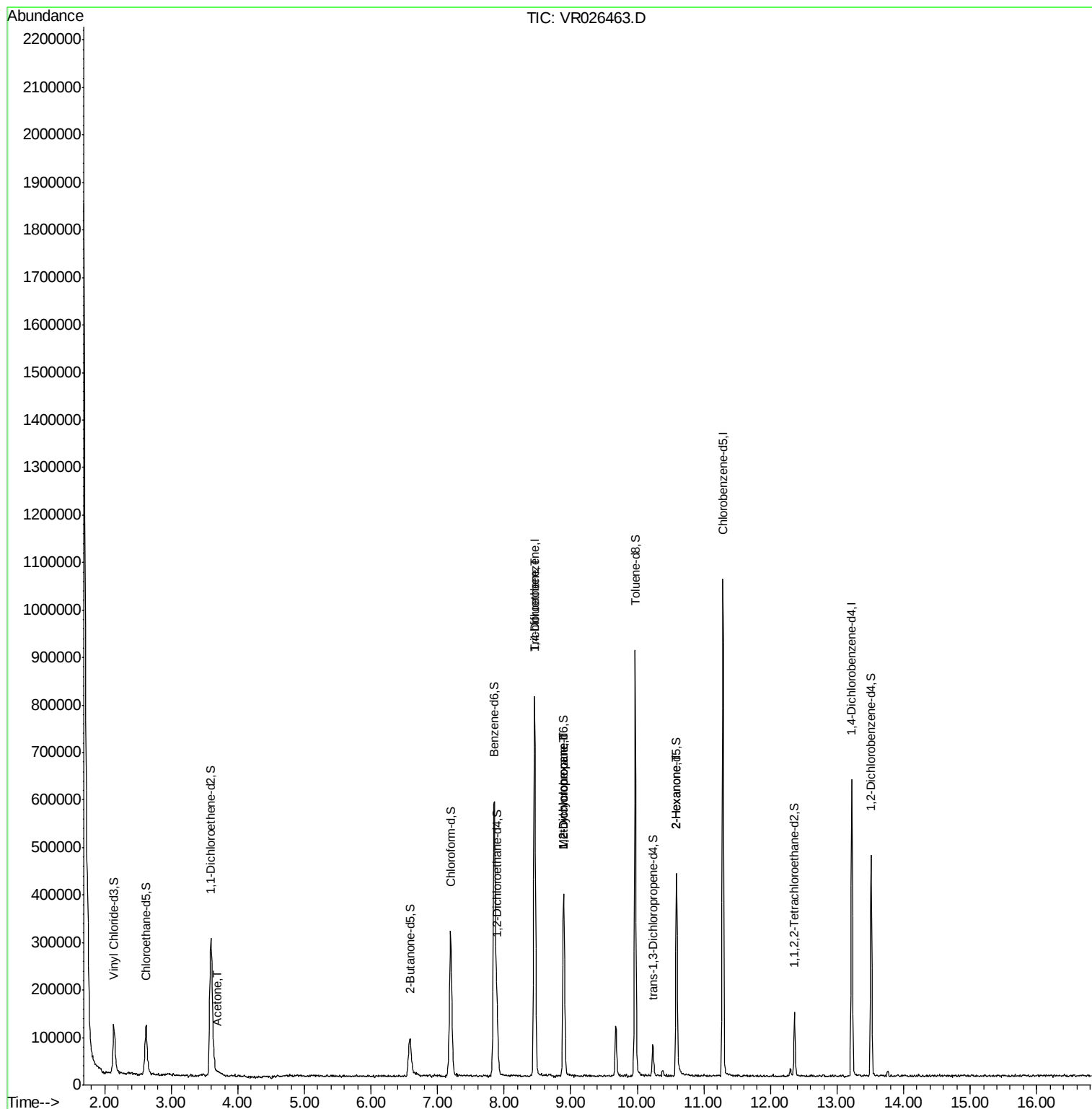
					Qvalue
13) Acetone	3.69	43	7525	2.125 ug/L	76
34) Trichloroethene	8.46	95	17918	0.407 ug/L #	11
35) Methylcyclohexane	8.89	83	36263	0.578 ug/L #	14
37) 1,2-Dichloropropane	8.89	63	19816	0.550 ug/L #	91
48) 2-Hexanone	10.59	43	18844	2.686 ug/L #	78

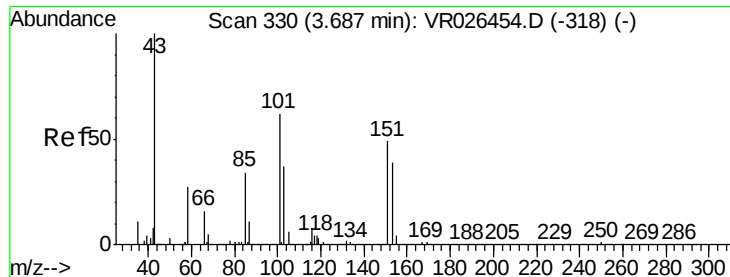
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.125 ug/L

RT: 3.69 min Scan# 330

Delta R.T. 0.00 min

Lab File: VR026463.D

Acq: 5 Apr 2019 14:47

Instrument :

MSVOA_R

ClientSampleId :

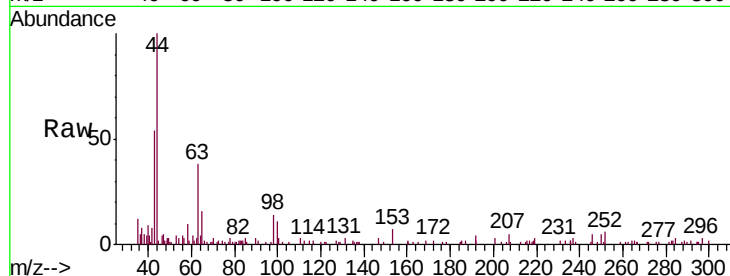
DB7E0

Tgt Ion: 43 Resp: 7525

Ion Ratio Lower Upper

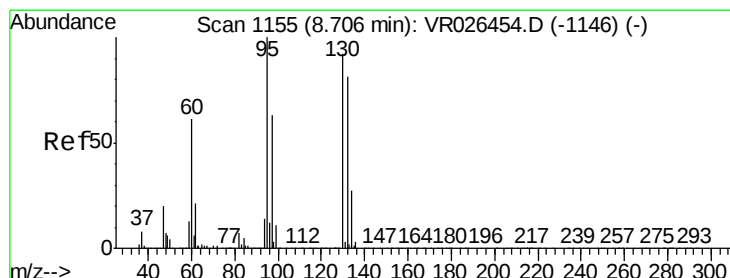
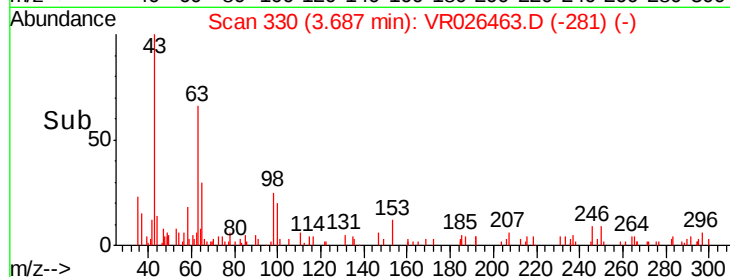
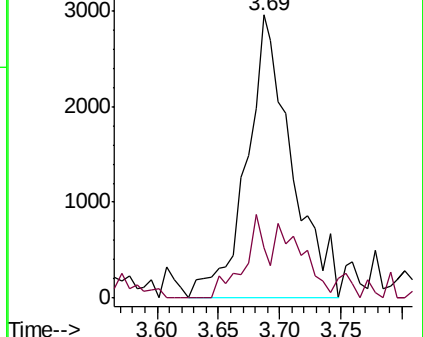
43 100

58 14.5 0.0 53.8



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#34

Trichloroethene

Concen: 0.407 ug/L

RT: 8.46 min Scan# 1114

Delta R.T. -0.25 min

Lab File: VR026463.D

Acq: 5 Apr 2019 14:47

Tgt Ion: 95 Resp: 17918

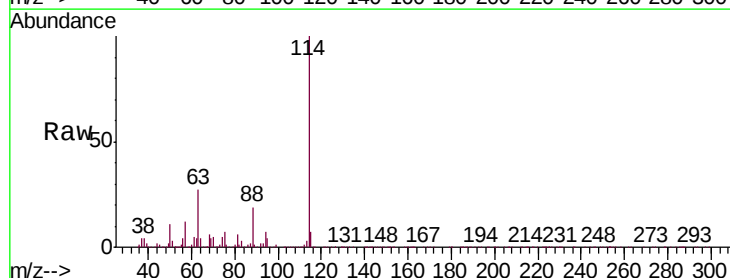
Ion Ratio Lower Upper

95 100

97 0.0 43.8 81.3#

132 0.6 57.2 106.2#

130 1.0 59.7 110.9#

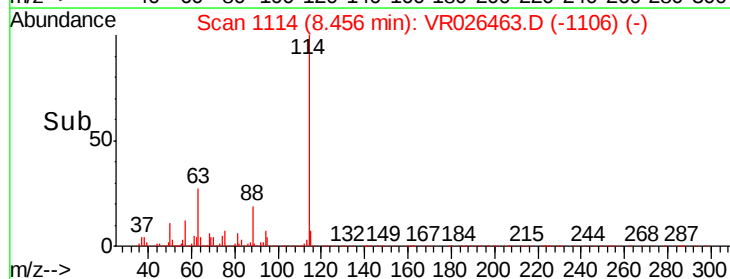
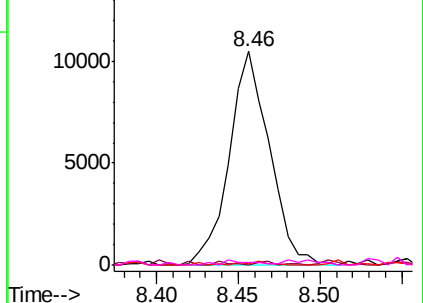


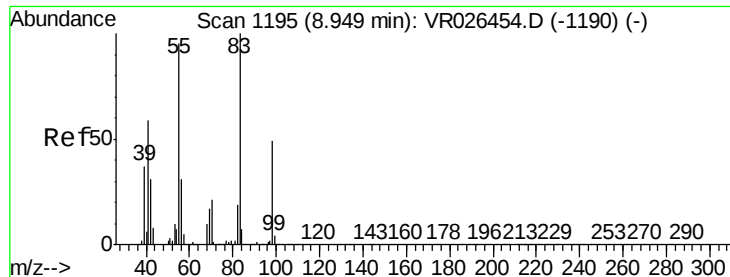
Abundance Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

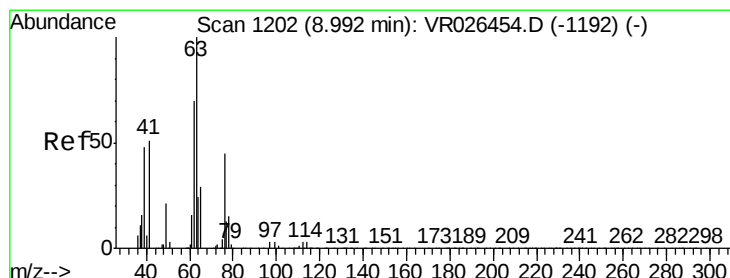
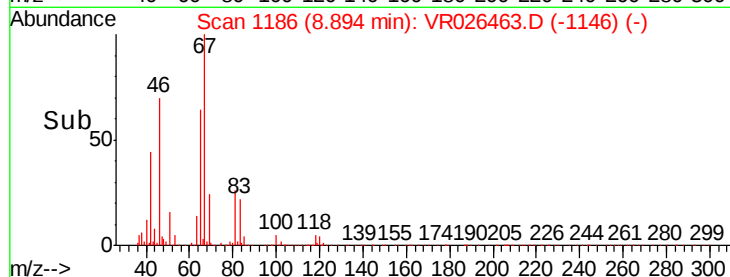
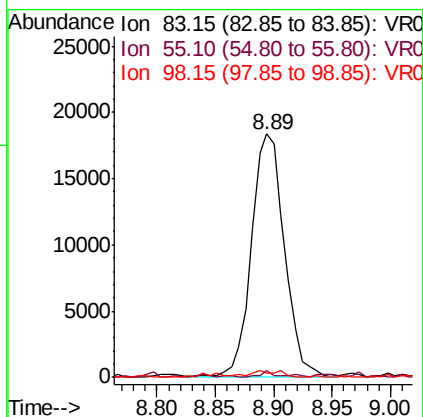
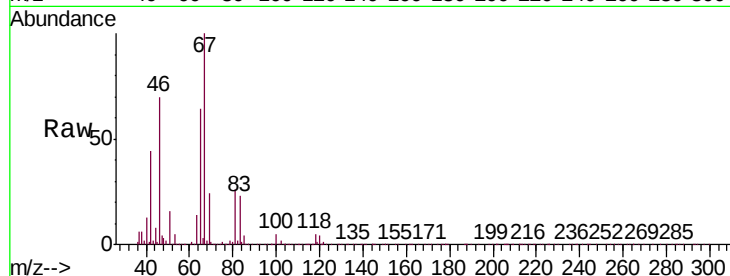




#35
Methylcyclohexane
Concen: 0.578 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.05 min
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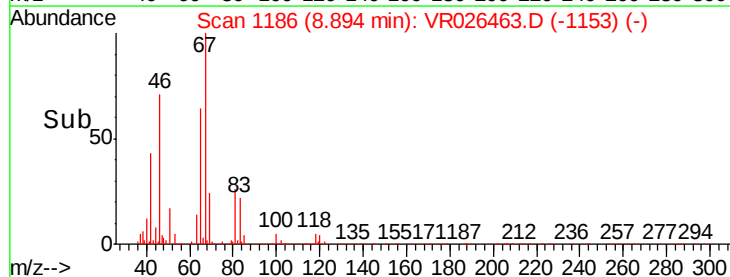
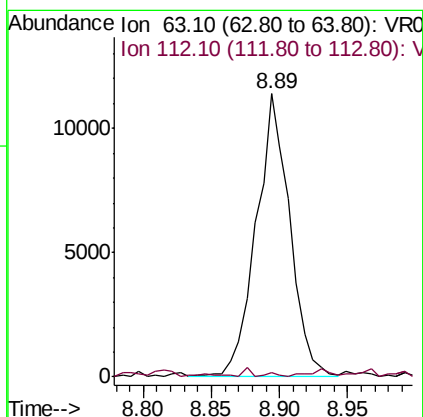
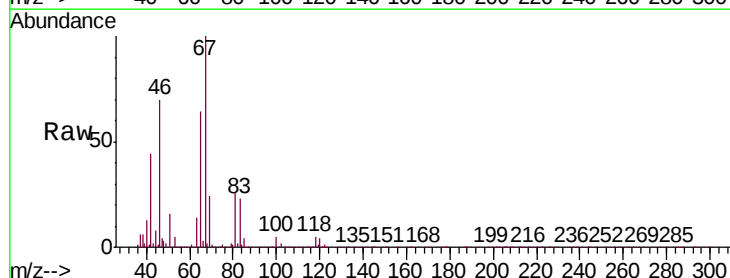
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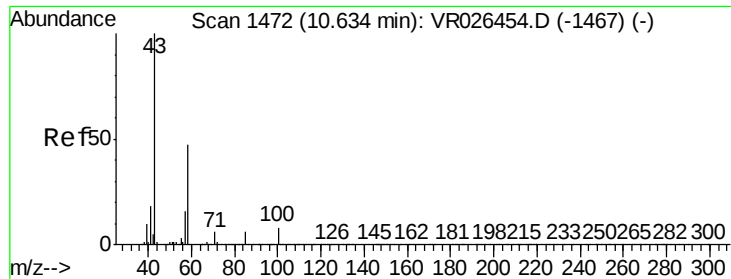
Tgt Ion	Ratio	Lower	Upper
83	100		
55	1.2	73.8	110.6#
98	0.0	34.6	51.8#



#37
1,2-Dichloropropane
Concen: 0.550 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR026463.D
Acq: 5 Apr 2019 14:47

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.5	2.8	4.2#





#48

2-Hexanone

Concen: 2.686 ug/L

RT: 10.59 min Scan# 1464

Delta R.T. -0.05 min

Lab File: VR026463.D

Acq: 5 Apr 2019 14:47

Instrument :

MSVOA_R

ClientSampleId :

DB7E0

Tgt Ion: 43 Resp: 18844

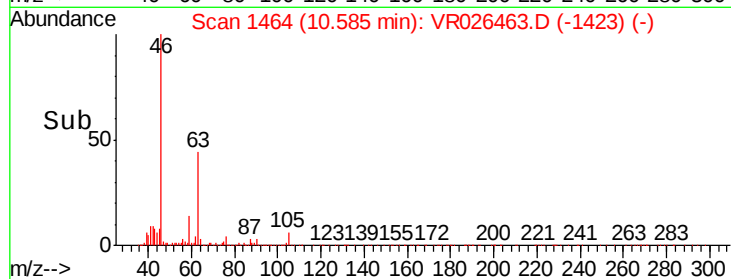
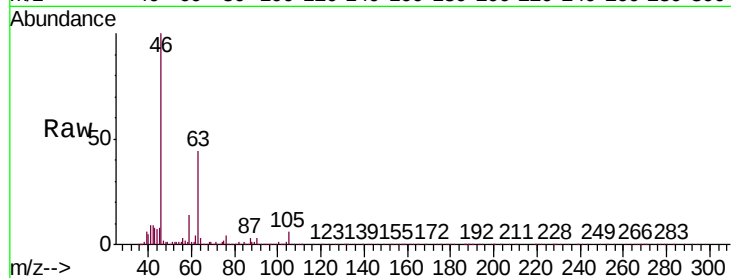
Ion Ratio Lower Upper

43 100

58 33.2 38.2 57.2#

57 31.5 13.8 20.6#

100 8.4 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

