

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081718\
 Data File : VV007053.D
 Acq On : 17 Aug 2018 14:36
 Operator : SY/MD
 Sample : J4487-05
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 18 03:38:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 18 03:36:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	212793	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	202651	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	79682	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	77513	5.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.80%
7) Chloroethane-d5	1.58	69	70183	6.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	120.40%
11) 1,1-Dichloroethene-d2	2.13	63	108300	4.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.00%
20) 2-Butanone-d5	3.97	46	199094	50.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.80%
24) Chloroform-d	4.41	84	156849	5.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.60%
26) 1,2-Dichloroethane-d4	5.09	65	81925	5.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.40%
32) Benzene-d6	5.10	84	304222	5.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.80%
36) 1,2-Dichloropropane-d6	6.12	67	102911	5.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.60%
41) Toluene-d8	7.37	98	222572	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
43) trans-1,3-Dichloropropene-	7.67	79	30706	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
46) 2-Hexanone-d5	8.15	63	83447	32.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.92%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	73873	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	78588	5.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.40%

Target Compounds

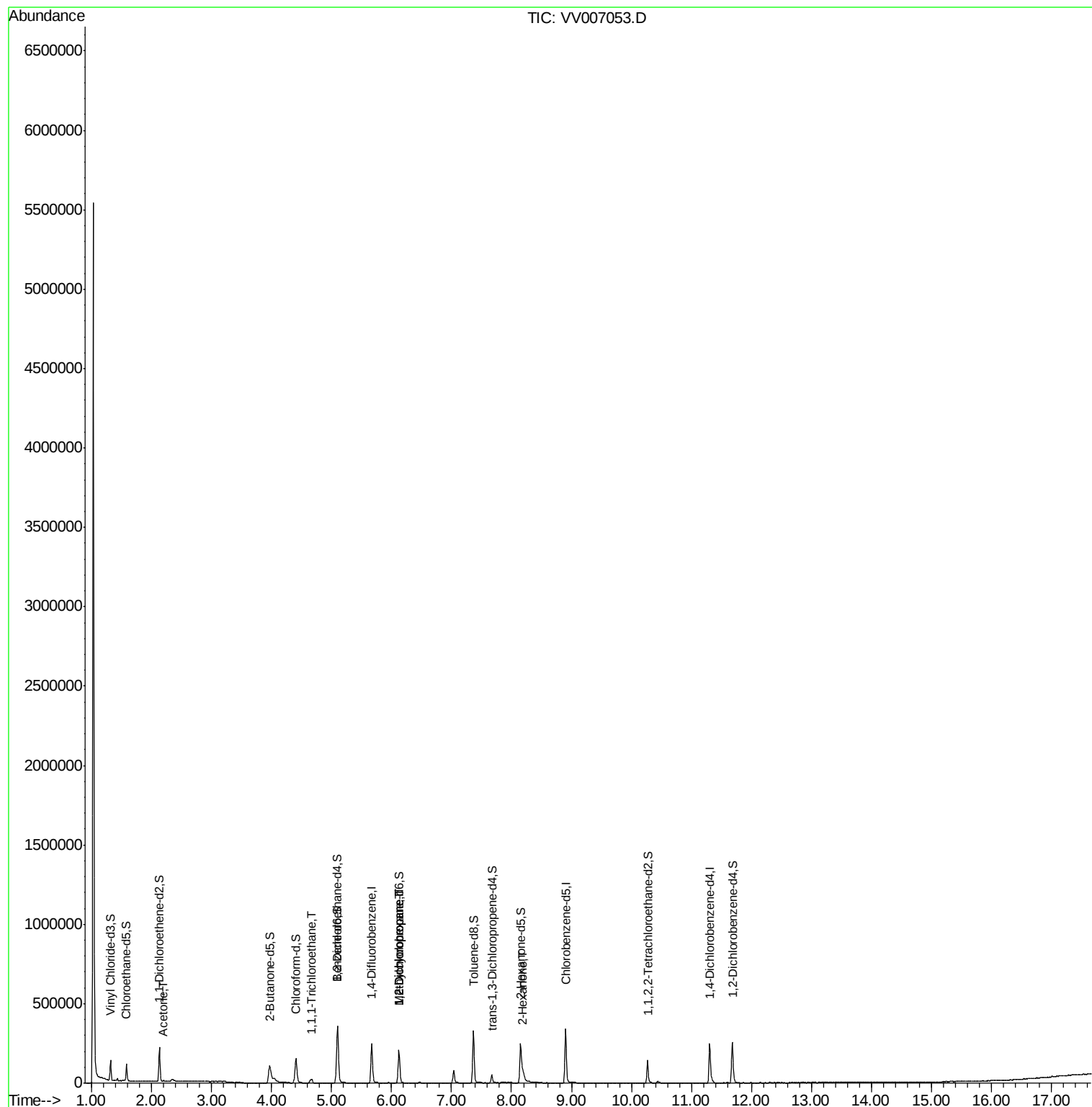
					Ovalue
13) Acetone	2.21	43	2373	1.167 ug/L	79
29) 1,1,1-Trichloroethane	4.67	97	20786	0.769 ug/L	97
35) Methylcyclohexane	6.12	83	24281	0.898 ug/L #	15
37) 1,2-Dichloropropane	6.12	63	10602	0.552 ug/L #	88
48) 2-Hexanone	8.20	43	21594	2.949 ug/L #	87

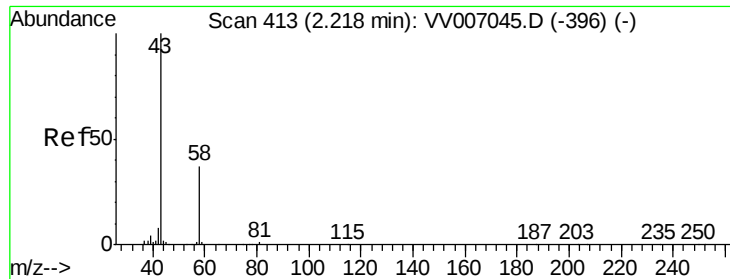
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.167 ug/L

RT: 2.21 min Scan# 409

Delta R.T. -0.01 min

Lab File: VV007053.D

Acq: 17 Aug 2018 14:36

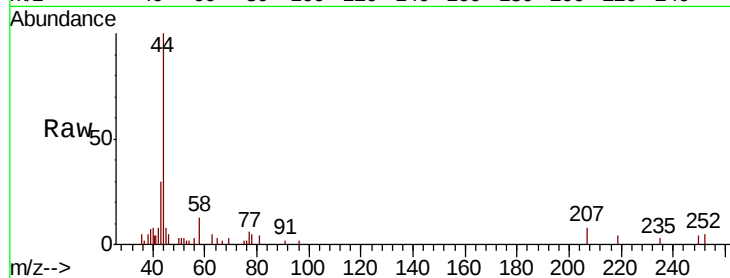
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 2373

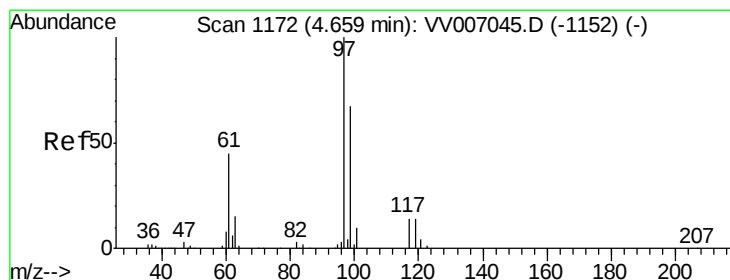
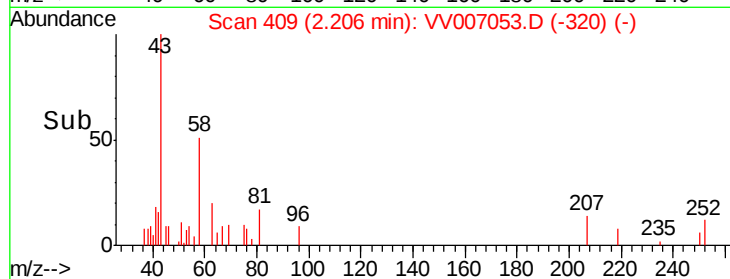
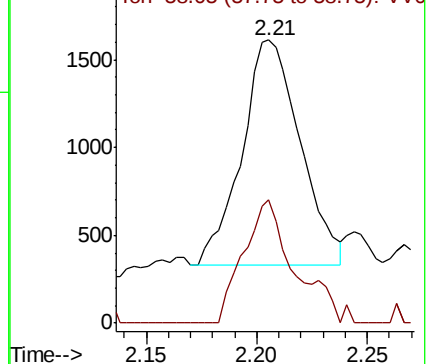
Ion Ratio Lower Upper

43 100

58 47.7 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0



#29

1,1,1-Trichloroethane

Concen: 0.769 ug/L

RT: 4.67 min Scan# 1174

Delta R.T. 0.01 min

Lab File: VV007053.D

Acq: 17 Aug 2018 14:36

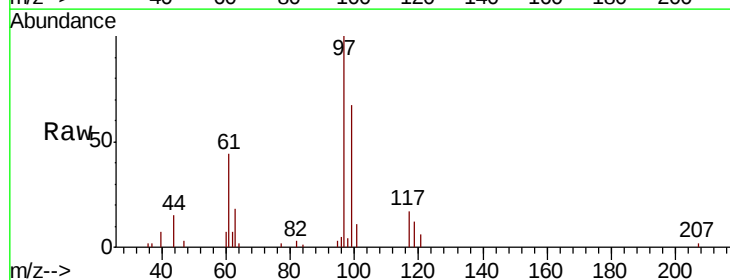
Tgt Ion: 97 Resp: 20786

Ion Ratio Lower Upper

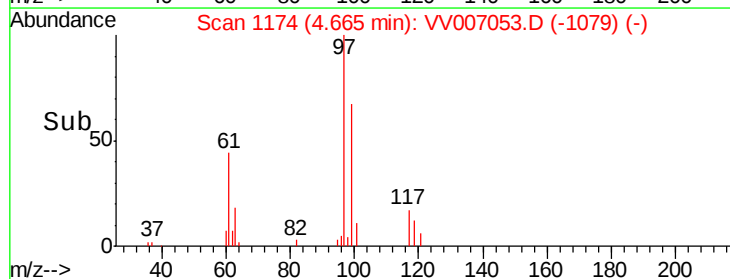
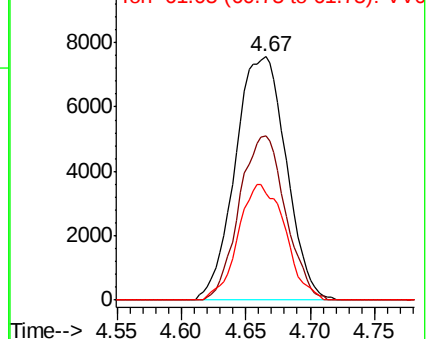
97 100

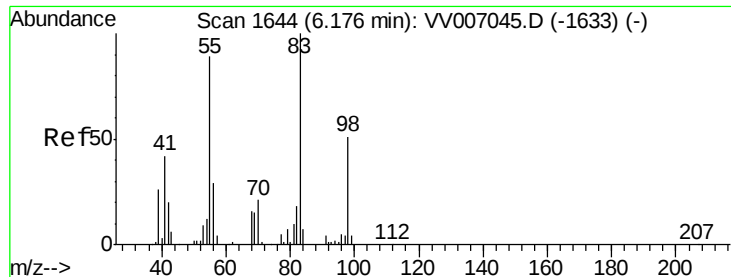
99 61.2 51.0 76.6

61 43.8 36.6 54.8



Abundance Ion 96.95 (96.65 to 97.65): VV0
Ion 99.05 (98.75 to 99.75): VV0
Ion 61.05 (60.75 to 61.75): VV0

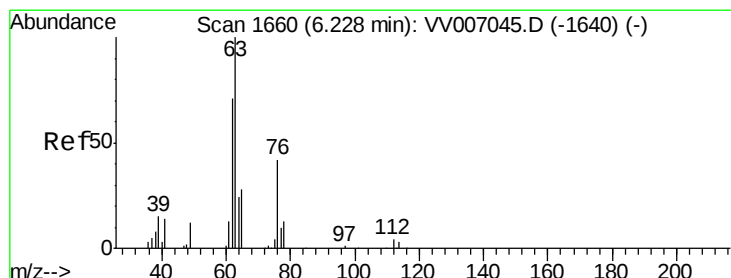
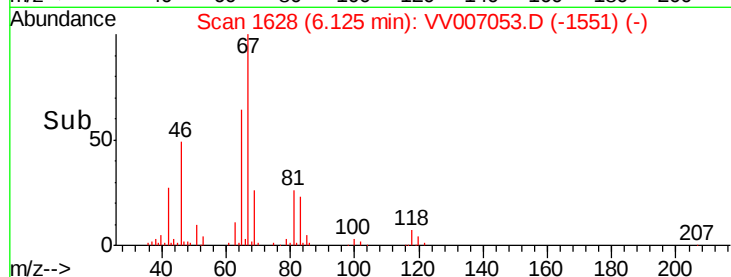
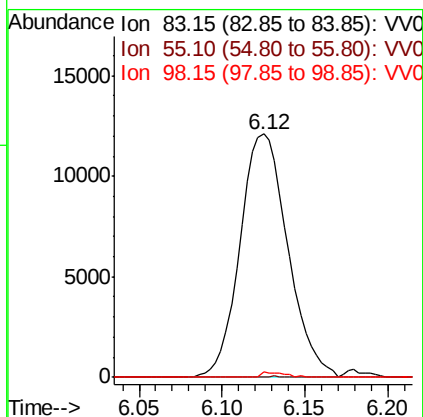
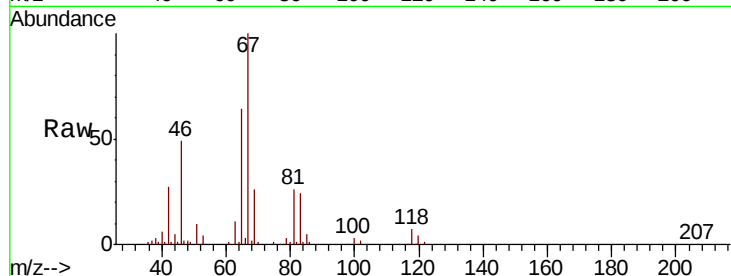




#35
Methvlcvclohexane
Concen: 0.898 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV007053.D
Acq: 17 Aug 2018 14:36

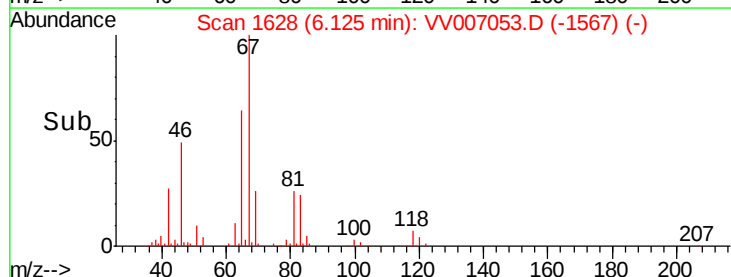
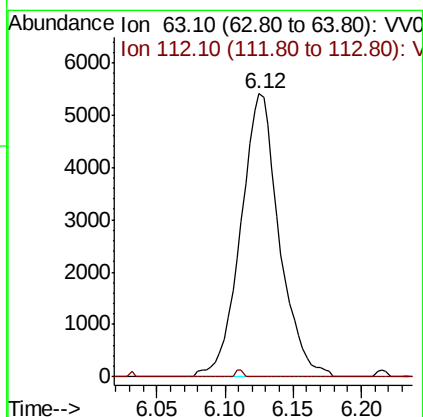
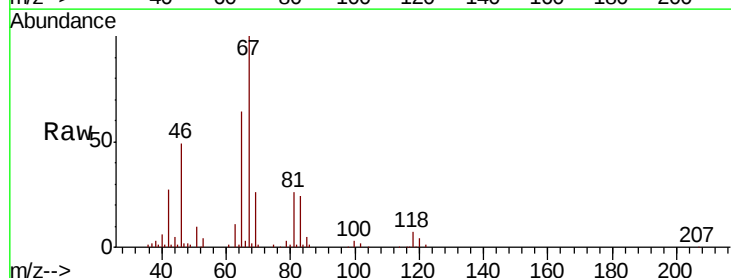
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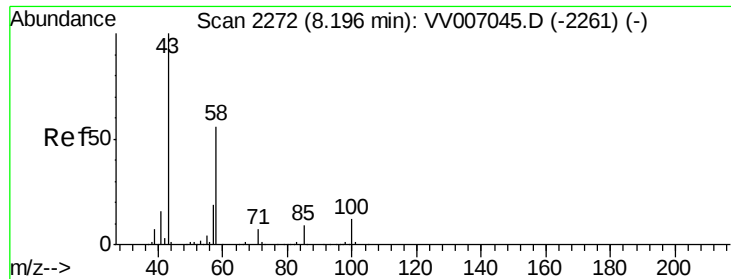
Tot Ion: 83 Resp: 24281
Ion Ratio Lower Upper
83 100
55 0.1 68.1 102.1#
98 1.0 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.552 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV007053.D
Acq: 17 Aug 2018 14:36

Tgt Ion: 63 Resp: 10602
Ion Ratio Lower Upper
63 100
112 0.5 3.5 5.3#





#48

2-Hexanone

Concen: 2.949 ug/L

RT: 8.20 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VV007053.D

Acq: 17 Aug 2018 14:36

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 21594

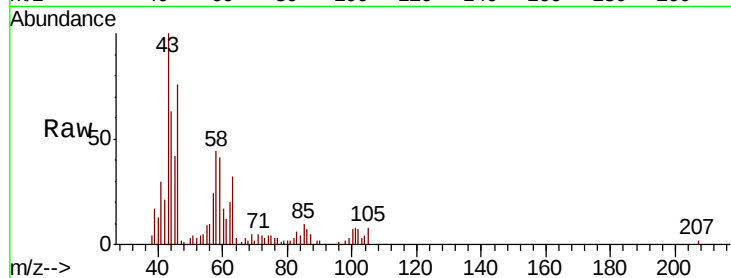
Ion Ratio Lower Upper

43 100

58 42.1 44.2 66.2#

57 17.9 14.8 22.2

100 9.0 8.8 13.2



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0

