

Data File : VV012540.D
Acq On : 02 Sep 2019 20:26
Operator : SY/MD
Sample : K4605-03
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AA2

Quant Time: Sep 03 05:50:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 03 05:44:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	149718	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	149818	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	56611	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	8217	0.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	11.20%#
7) Chloroethane-d5	1.58	69	13610	0.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	19.00%#
11) 1,1-Dichloroethene-d2	2.13	63	29727	0.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	16.80%#
20) 2-Butanone-d5	3.93	46	123051	44.41	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.82%
24) Chloroform-d	4.40	84	68232	3.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	61.00%#
26) 1,2-Dichloroethane-d4	5.08	65	31190	2.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	53.80%#
32) Benzene-d6	5.10	84	84238	1.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	39.80%#
36) 1,2-Dichloropropane-d6	6.12	67	40594	3.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	61.20%
41) Toluene-d8	7.36	98	73945	1.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	38.80%#
43) trans-1,3-Dichloropropene-	7.67	79	12017	2.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	49.60%#
46) 2-Hexanone-d5	8.13	63	65230	35.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.90%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37572	4.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	45423	4.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.40%

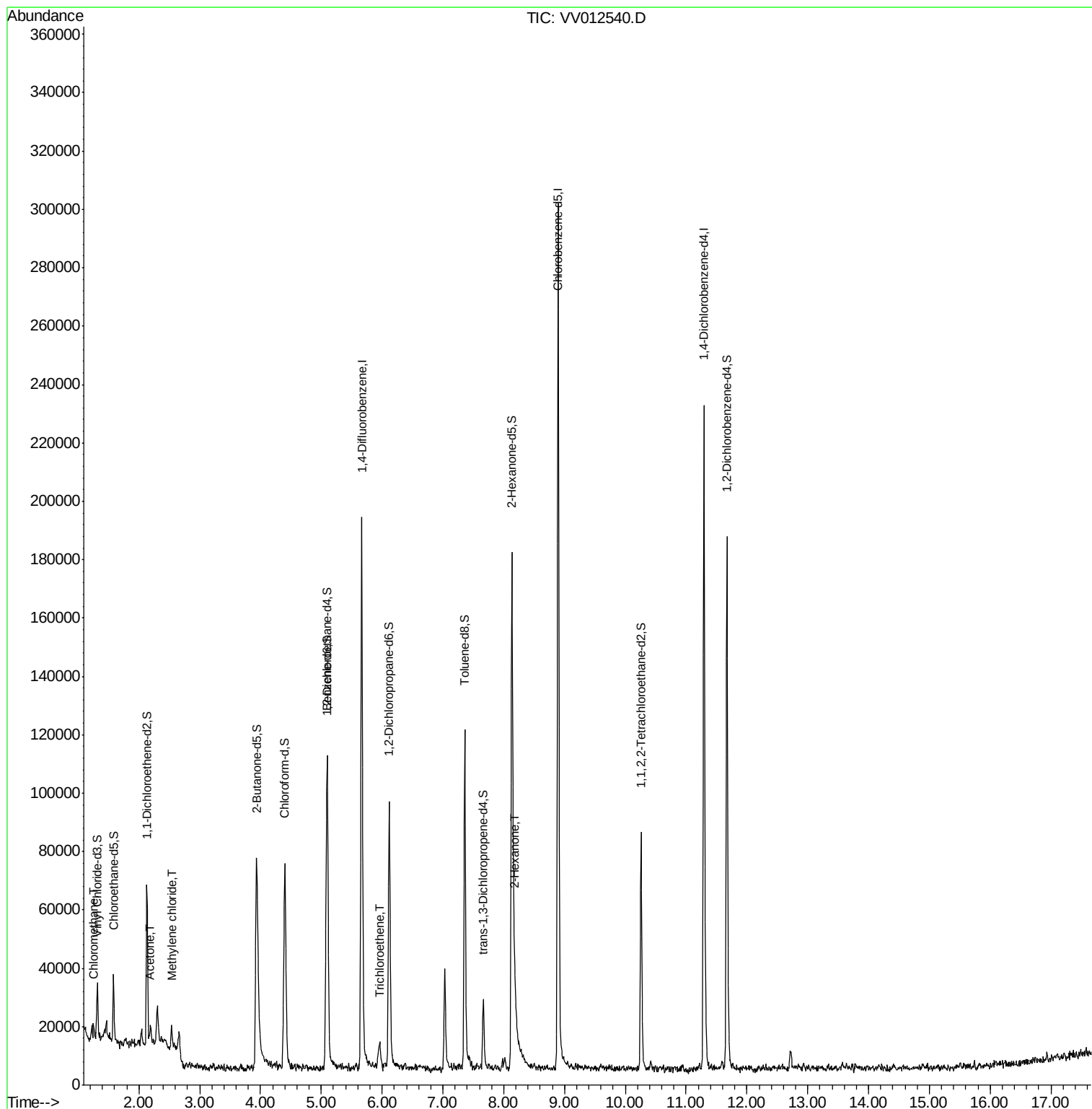
Target Compounds					Qvalue
3) Chloromethane	1.25	50	2189	0.096 ug/L	100
13) Acetone	2.19	43	5868	1.492 ug/L	79
16) Methylene chloride	2.53	84	2908	0.130 ug/L	81
34) Trichloroethene	5.97	95	1742	0.102 ug/L	88
48) 2-Hexanone	8.18	43	4878	0.728 ug/L #	92

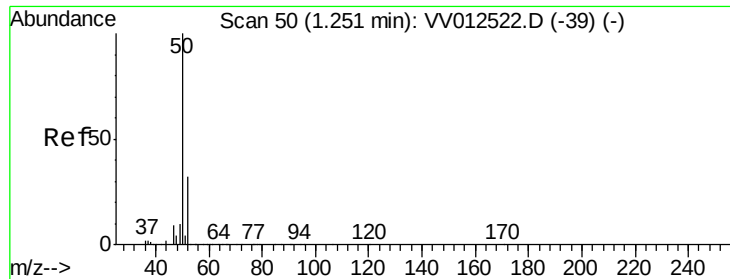
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.096 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

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Acq: 02 Sep 2019 20:26

Instrument :

MSVOA_V

ClientSampleId :

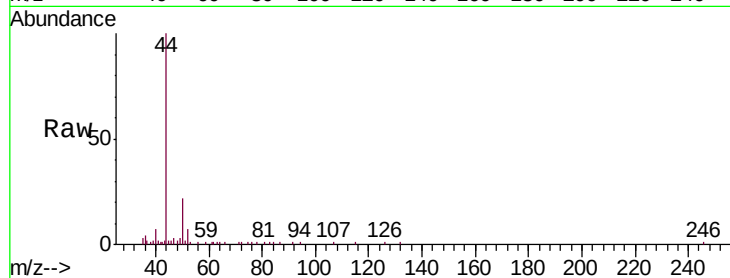
C0AA2

Tgt Ion: 50 Resp: 2189

Ion Ratio Lower Upper

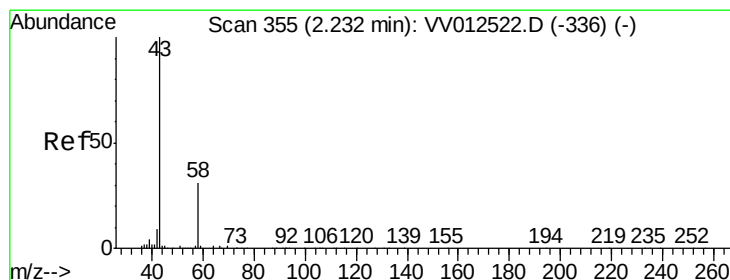
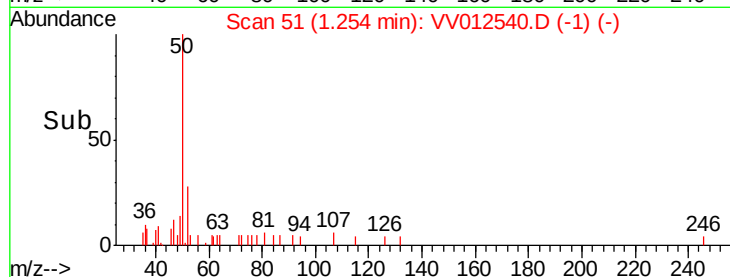
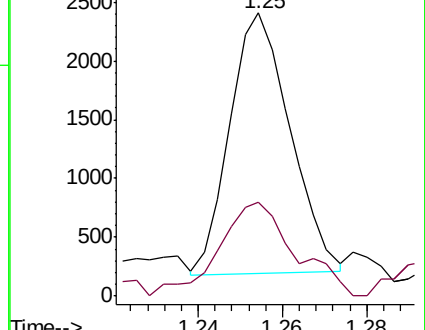
50 100

52 33.3 23.5 43.7



Abundance Ion 50.05 (49.75 to 50.75): VV012522.D (-39) (-)

Ion 52.05 (51.75 to 52.75): VV012540.D (-1) (-)



#13

Acetone

Concen: 1.492 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.04 min

Lab File: VV012540.D

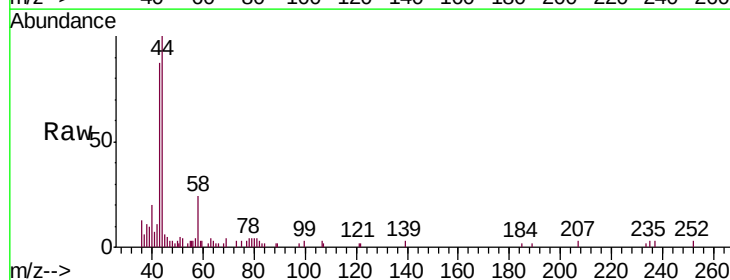
Acq: 02 Sep 2019 20:26

Tgt Ion: 43 Resp: 5868

Ion Ratio Lower Upper

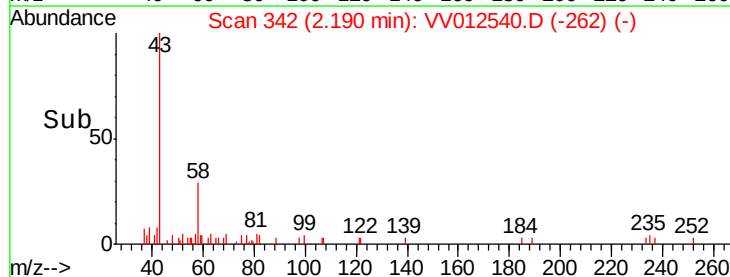
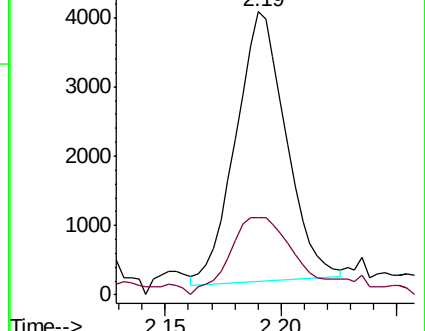
43 100

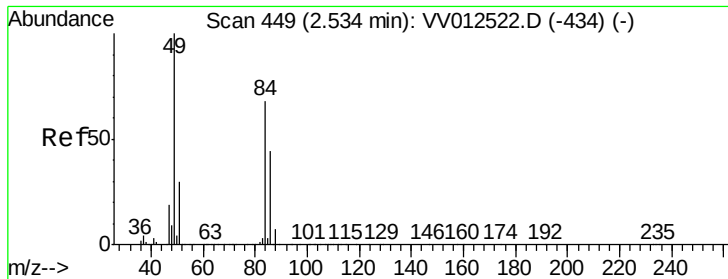
58 40.6 0.0 58.2



Abundance Ion 43.05 (42.75 to 43.75): VV012522.D (-336) (-)

Ion 58.05 (57.75 to 58.75): VV012540.D (-262) (-)

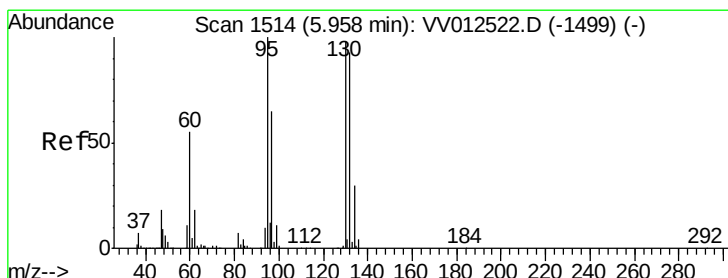
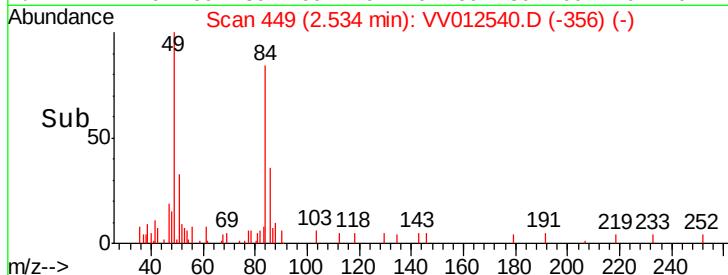
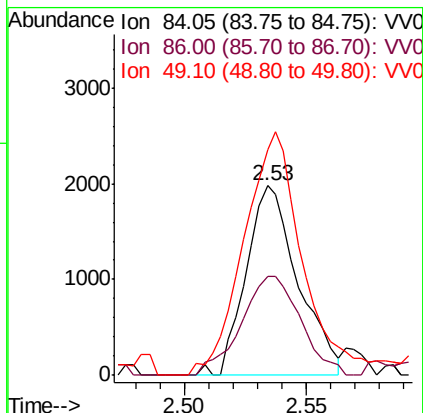
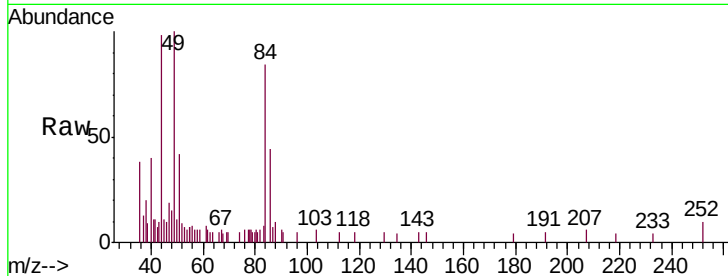




#16
Methylene chloride
Concen: 0.130 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV012540.D
Acq: 02 Sep 2019 20:26

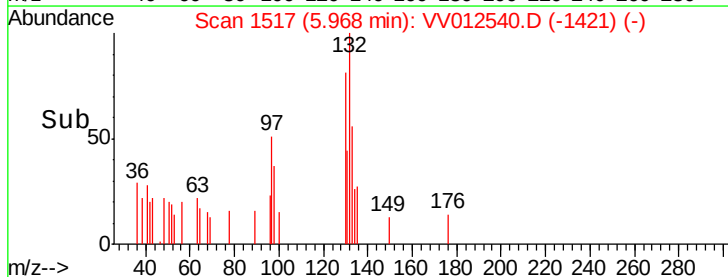
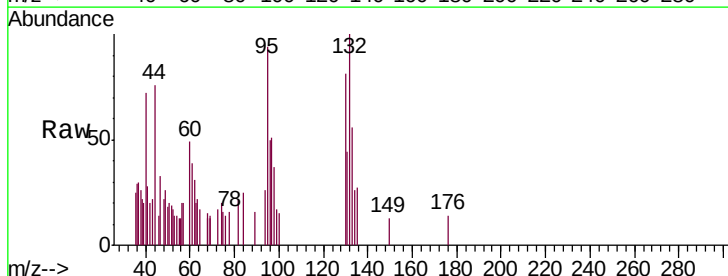
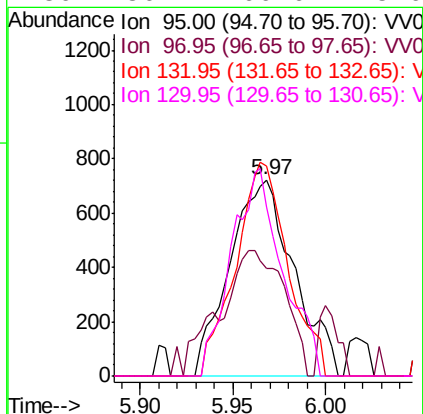
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C0AA2

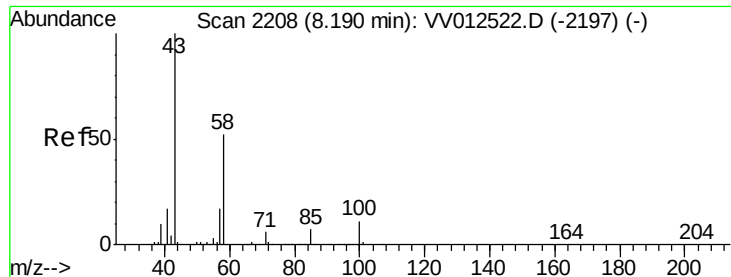
Tgt Ion: 84 Resp: 2908
Ion Ratio Lower Upper
84 100
86 51.9 45.2 84.0
49 119.0 100.4 186.4



#34
Trichloroethene
Concen: 0.102 ug/L
RT: 5.97 min Scan# 1517
Delta R.T. 0.01 min
Lab File: VV012540.D
Acq: 02 Sep 2019 20:26

Tgt Ion: 95 Resp: 1742
Ion Ratio Lower Upper
95 100
97 54.8 44.7 83.1
132 106.8 63.8 118.4
130 86.4 66.6 123.6





#48

2-Hexanone

Concen: 0.728 ug/L

RT: 8.18 min Scan# 2205

Delta R.T. -0.01 min

Lab File: VV012540.D

Acq: 02 Sep 2019 20:26

Instrument :
MSVOA_V
ClientSampleId :
C0AA2

Tgt Ion: 43 Resp: 4878

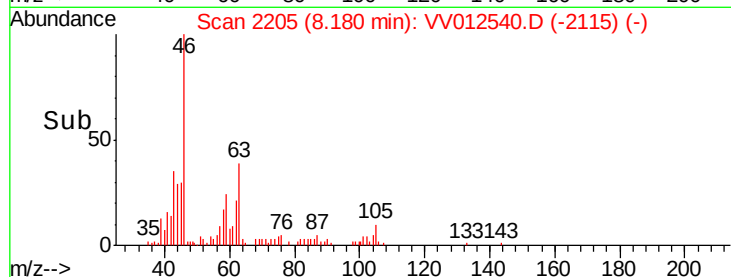
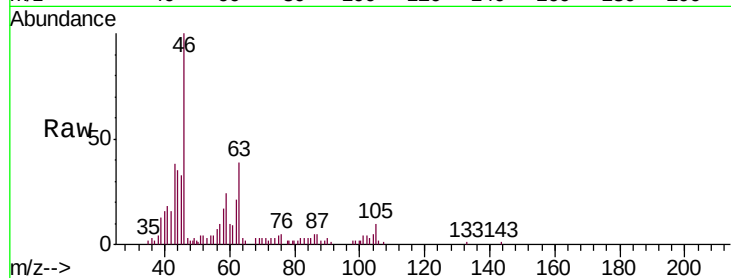
Ion Ratio Lower Upper

43 100

58 43.8 40.0 60.0

57 14.6 13.4 20.2

100 7.0 8.2 12.2#



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

