

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U060620\
 Data File : VU038654.D
 Acq On : 07 Jun 2020 06:43
 Operator : SY/MD
 Sample : L2911-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D48

Quant Time: Jun 08 03:04:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 08 02:53:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	316571	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	312930	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	148986	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	89493	4.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.40%
7) Chloroethane-d5	1.93	69	78669	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.00%
11) 1,1-Dichloroethene-d2	2.59	63	140329	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	4.67	46	354564	56.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.94%
24) Chloroform-d	5.10	84	197988	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.74	65	117916	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
32) Benzene-d6	5.76	84	396990	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.72	67	124882	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.92	98	333647	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
43) trans-1,3-Dichloropropene-	8.20	79	45970	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.65	63	299792	58.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.52%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	107280	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	138931	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

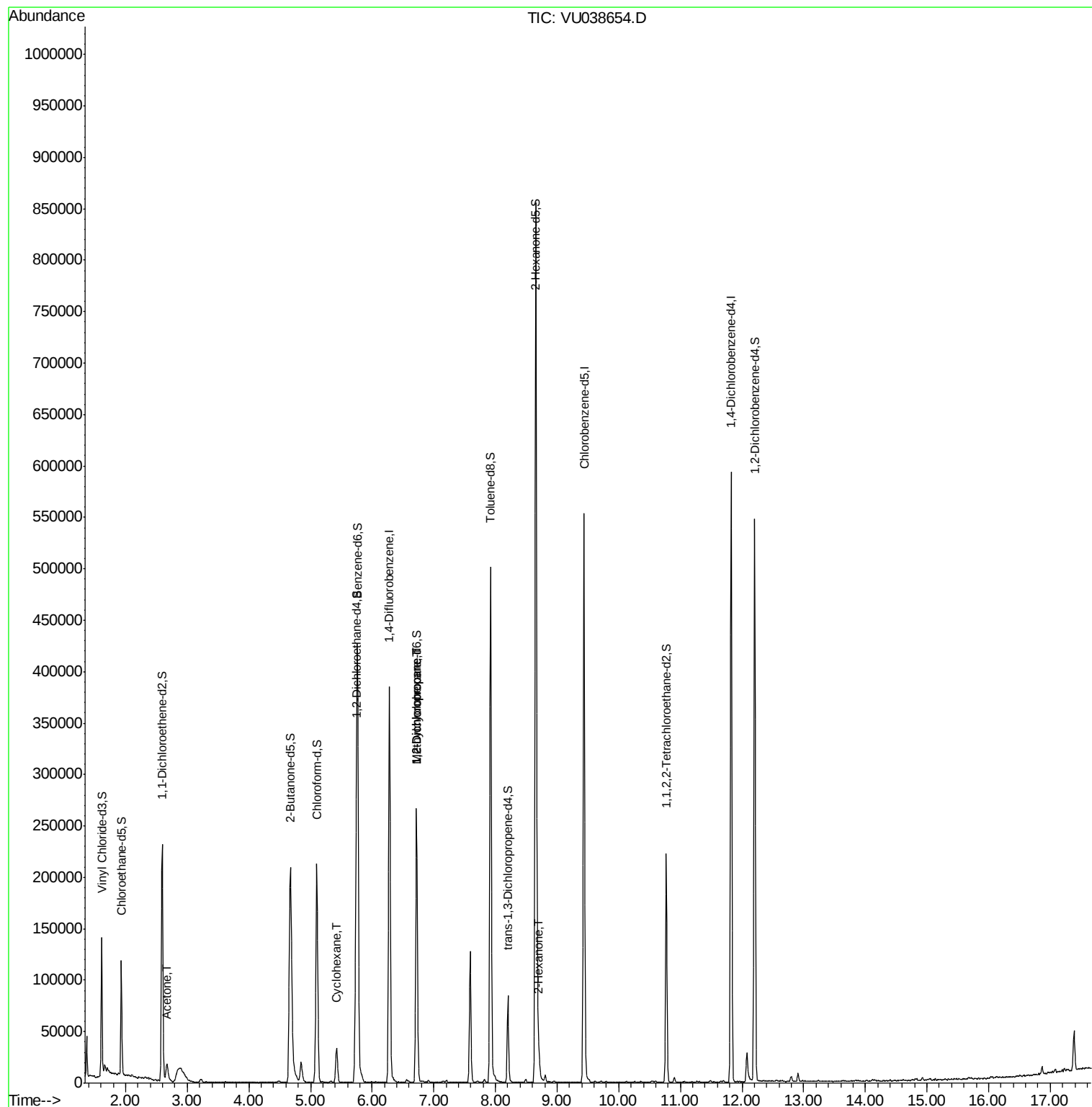
					Ovalue
13) Acetone	2.67	43	29486	7.239 ug/L	95
30) Cyclohexane	5.43	56	16398	0.472 ug/L	98
35) Methylcyclohexane	6.72	83	29377	0.838 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	13196	0.601 ug/L #	86
48) 2-Hexanone	8.71	43	13505	1.136 ug/L	93

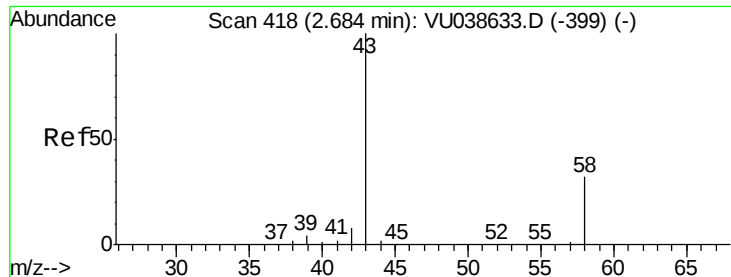
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 08 02:53:04 2020
Response via : Initial Calibration





#13

Acetone

Concen: 7.239 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.01 min

Lab File: VU038654.D

Acq: 07 Jun 2020 06:43

Instrument :

MSVOA_U

ClientSampled :

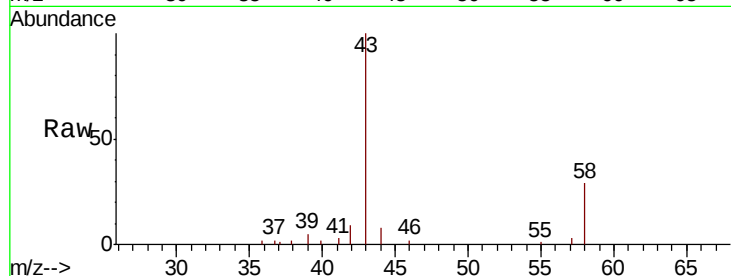
F9D48

Tot Ion: 43 Resp: 29486

Ion Ratio Lower Upper

43 100

58 30.1 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038633.D (-399) (-)

Ion 58.05 (57.75 to 58.75): VU038633.D (-399) (-)

2.67

12000

10000

8000

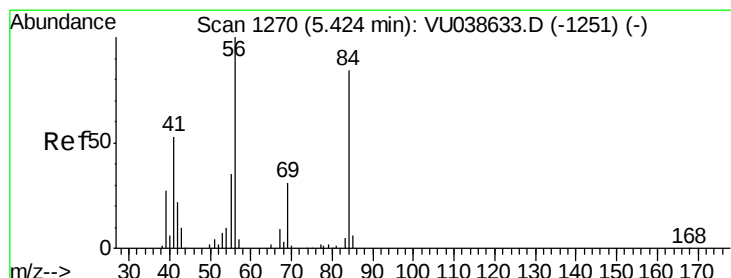
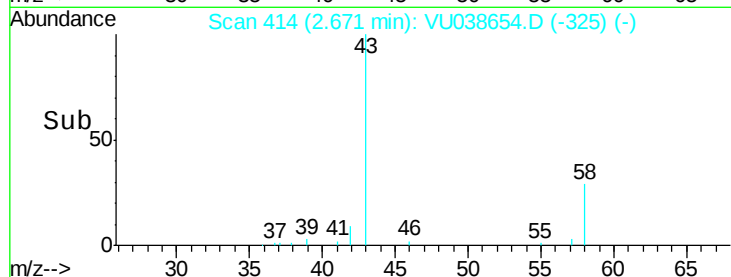
6000

4000

2000

0

Time-->



#30

Cyclohexane

Concen: 0.472 ug/L

RT: 5.43 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VU038654.D

Acq: 07 Jun 2020 06:43

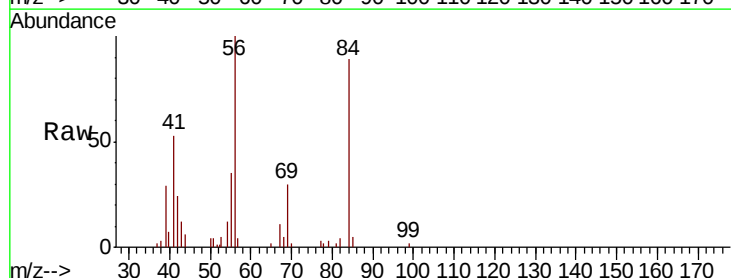
Tgt Ion: 56 Resp: 16398

Ion Ratio Lower Upper

56 100

69 31.0 24.2 36.4

84 90.7 70.8 106.2



Abundance Ion 56.10 (55.80 to 56.80): VU038633.D (-1251) (-)

Ion 69.15 (68.85 to 69.85): VU038633.D (-1251) (-)

Ion 84.15 (83.85 to 84.85): VU038633.D (-1251) (-)

5.43

10000

8000

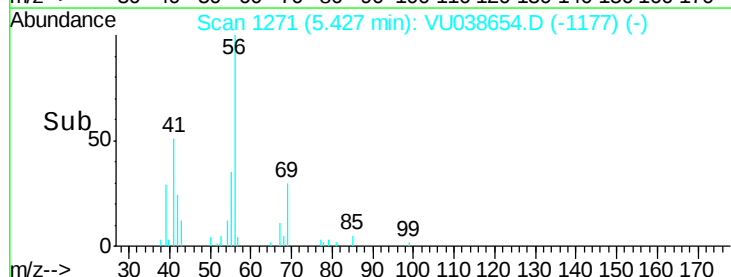
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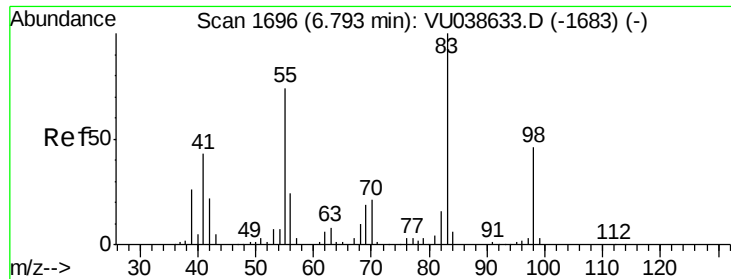
4000

2000

0

Time-->

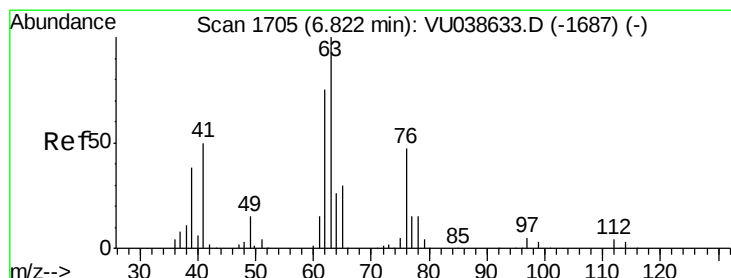
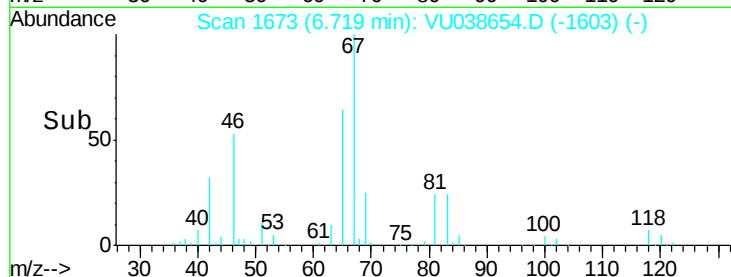
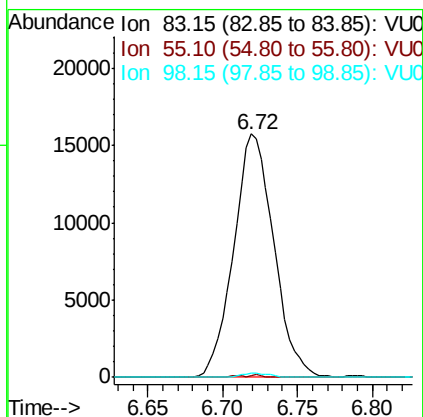
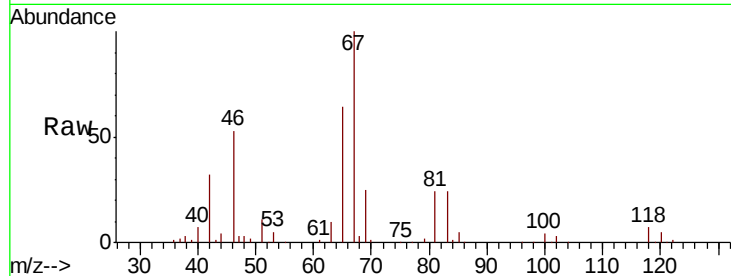




#35
Methvlcvclohexane
Concen: 0.838 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038654.D
Acq: 07 Jun 2020 06:43

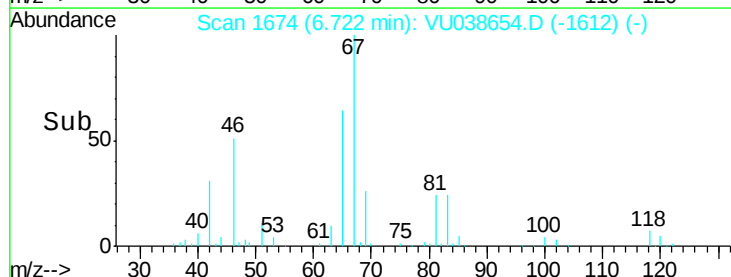
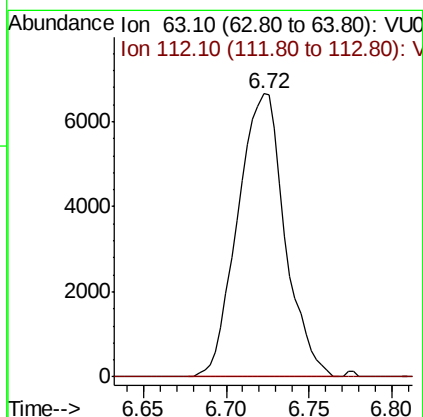
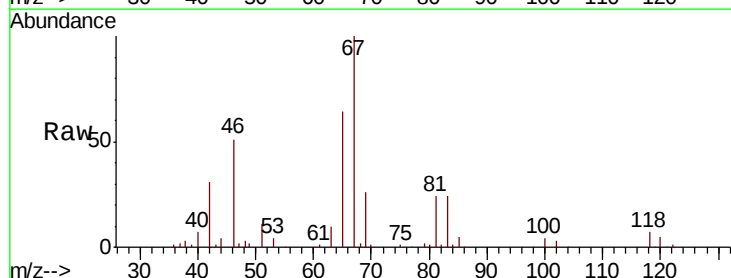
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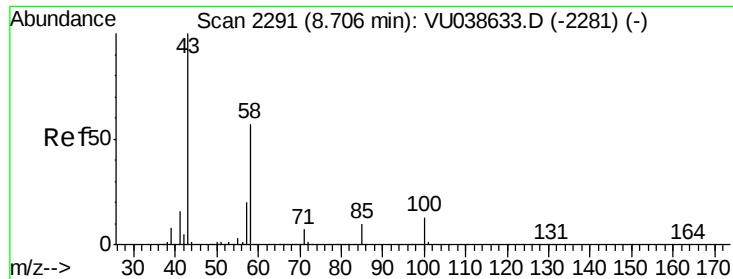
Tot Ion: 83 Resp: 29377
Ion Ratio Lower Upper
83 100
55 0.3 63.4 95.2#
98 1.1 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.601 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038654.D
Acq: 07 Jun 2020 06:43

Tgt Ion: 63 Resp: 13196
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#





#48

2-Hexanone

Concen: 1.136 ug/L

RT: 8.71 min Scan# 2291

Delta R.T. -0.00 min

Lab File: VU038654.D

Acq: 07 Jun 2020 06:43

Instrument :

MSVOA_U

ClientSampleId :

F9D48

Tot Ion: 43 Resp: 13505

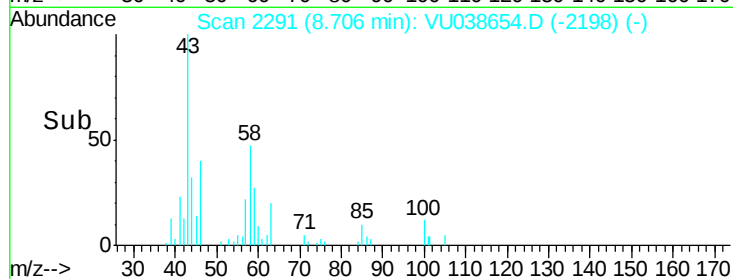
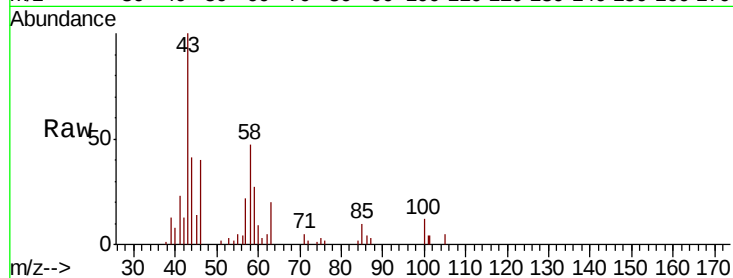
Ion Ratio Lower Upper

43 100

58 49.7 45.4 68.0

57 20.6 15.9 23.9

100 11.7 10.5 15.7



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0

