

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U052620\
 Data File : VU038305.D
 Acq On : 26 May 2020 18:32
 Operator : JC/MD
 Sample : L2766-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE4Y5

Quant Time: May 27 08:40:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 27 06:51:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	322563	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	319025	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	152902	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	93358	3.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.20%
7) Chloroethane-d5	1.93	69	85825	3.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	67.20%
11) 1,1-Dichloroethene-d2	2.59	63	144037	2.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.40%#
20) 2-Butanone-d5	4.66	46	345427	47.45	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.90%
24) Chloroform-d	5.10	84	203645	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.74	65	116828	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	5.76	84	419089	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
36) 1,2-Dichloropropane-d6	6.72	67	132871	4.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.20%
41) Toluene-d8	7.92	98	379946	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	8.20	79	51113	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	8.65	63	264955	45.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.80%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	105090	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	145036	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

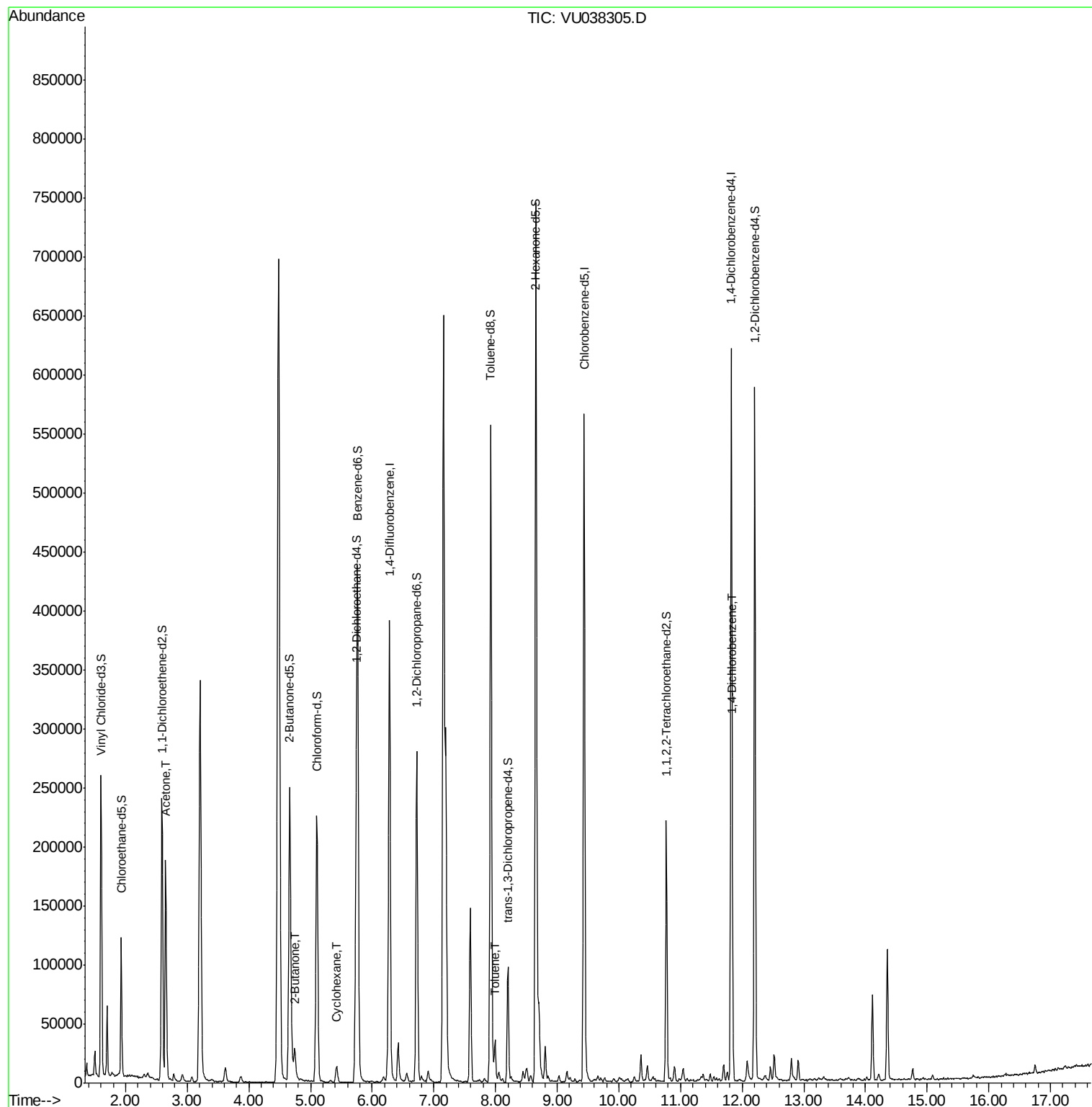
					Ovalue
13) Acetone	2.65	43	202827	44.410	ug/L 97
21) 2-Butanone	4.74	43	34214	4.244	ug/L 99
30) Cyclohexane	5.42	56	6453	0.150	ug/L 89
42) Toluene	7.99	91	22052	0.204	ug/L 100
63) 1,4-Dichlorobenzene	11.85	146	11431	0.227	ug/L 95

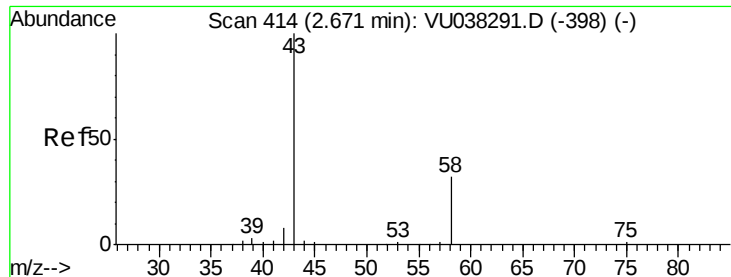
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 27 06:51:51 2020
Response via : Initial Calibration





#13

Acetone

Concen: 44.410 ug/L

RT: 2.65 min Scan# 407

Delta R.T. -0.02 min

Lab File: VU038305.D

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MSVOA_U

ClientSampleId :

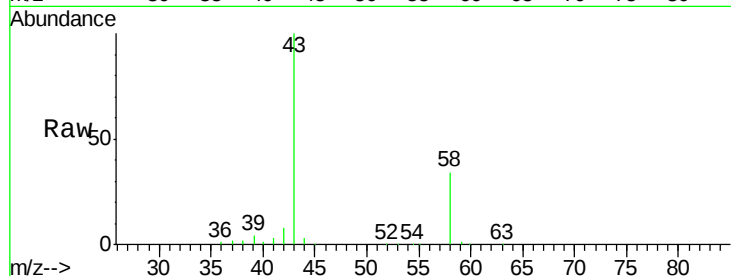
BE4Y5

Tot Ion: 43 Resp: 202827

Ion Ratio Lower Upper

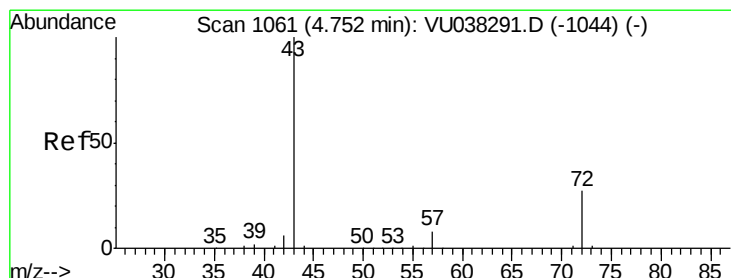
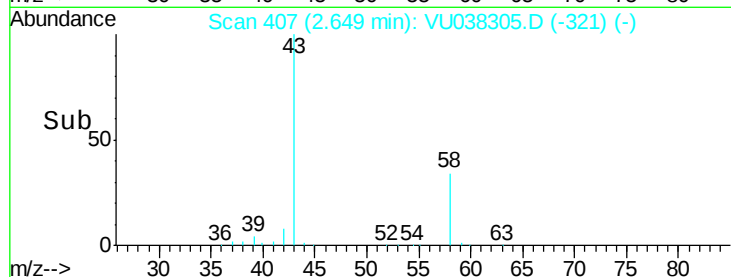
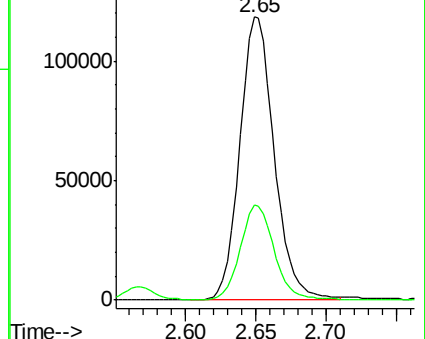
43 100

58 33.4 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#21

2-Butanone

Concen: 4.244 ug/L

RT: 4.74 min Scan# 1058

Delta R.T. -0.01 min

Lab File: VU038305.D

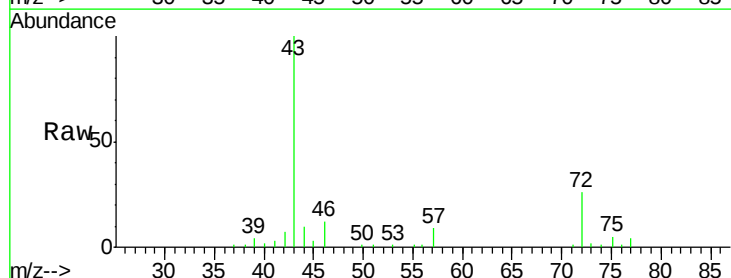
Acq: 26 May 2020 18:32

Tgt Ion: 43 Resp: 34214

Ion Ratio Lower Upper

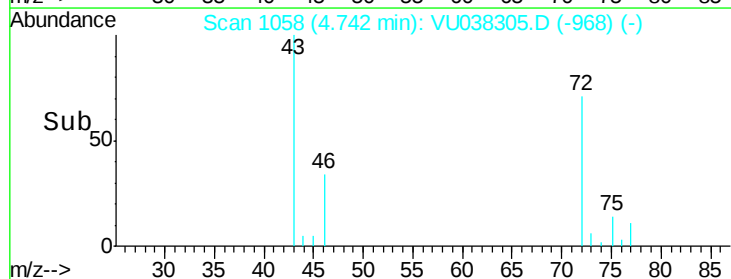
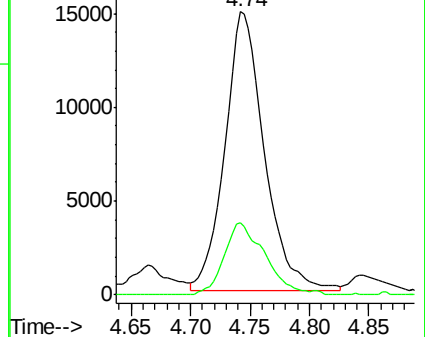
43 100

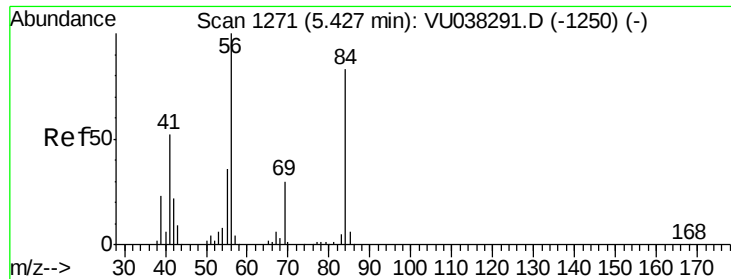
72 26.6 13.5 40.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 72.10 (71.80 to 72.80): VU0

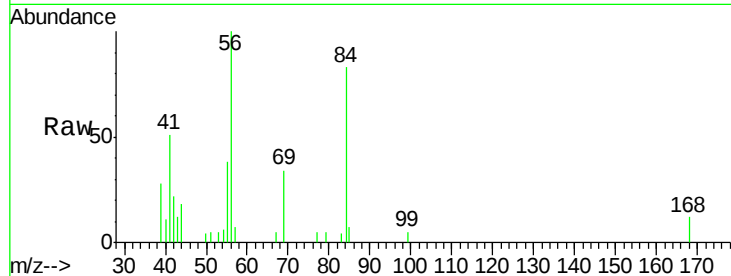




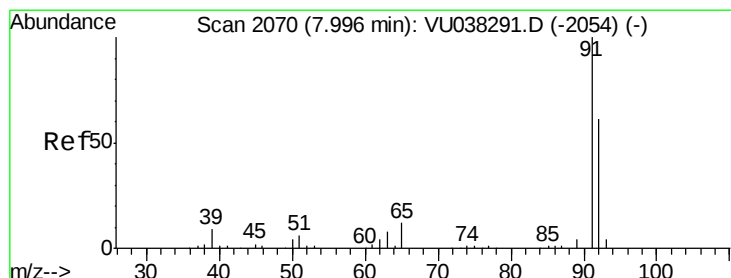
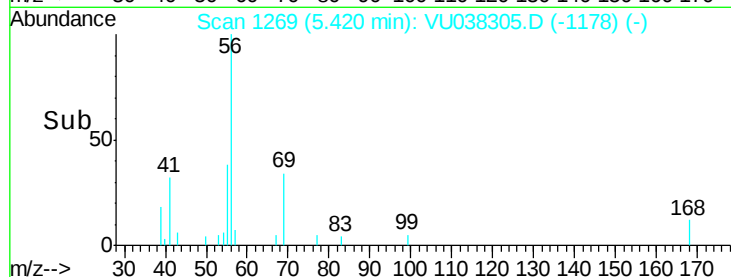
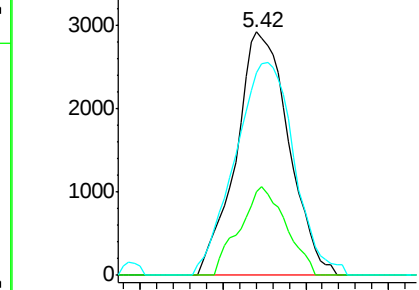
#30
Cyclohexane
Concen: 0.150 ug/L
RT: 5.42 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VU038305.D
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ClientSampleId :
BE4Y5

Tot Ion: 56 Resp: 6453
Ion Ratio Lower Upper
56 100
69 31.8 24.2 36.4
84 98.1 68.5 102.7

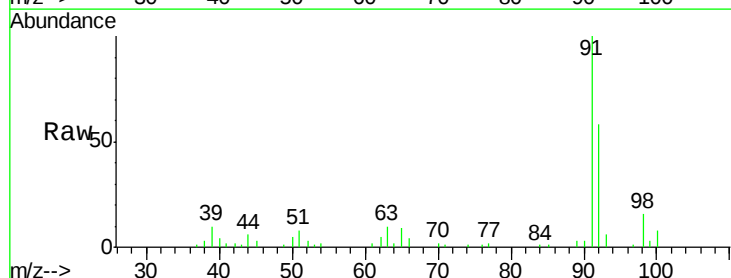


Abundance Ion 56.10 (55.80 to 56.80): VU0
Ion 69.15 (68.85 to 69.85): VU0
Ion 84.15 (83.85 to 84.85): VU0

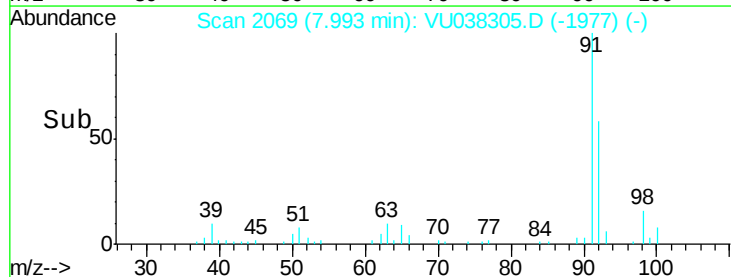
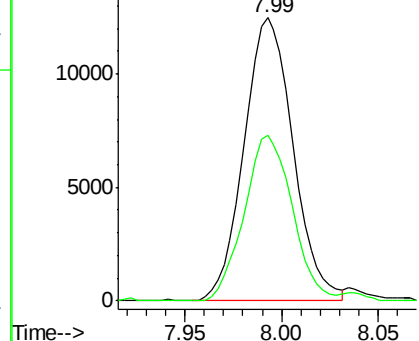


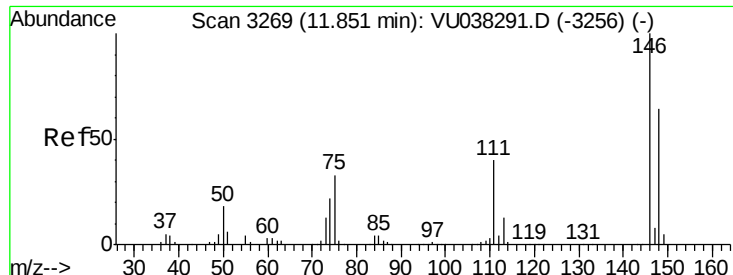
#42
Toluene
Concen: 0.204 ug/L
RT: 7.99 min Scan# 2069
Delta R.T. -0.00 min
Lab File: VU038305.D
Acq: 26 May 2020 18:32

Tgt Ion: 91 Resp: 22052
Ion Ratio Lower Upper
91 100
92 58.4 40.9 75.9



Abundance Ion 91.15 (90.85 to 91.85): VU0
Ion 92.15 (91.85 to 92.85): VU0





#63

1,4-Dichlorobenzene

Concen: 0.227 ug/L

RT: 11.85 min Scan# 3268

Delta R.T. -0.00 min

Lab File: VU038305.D

Acq: 26 May 2020 18:32

Instrument :

MSVOA_U

ClientSampleId :

BE4Y5

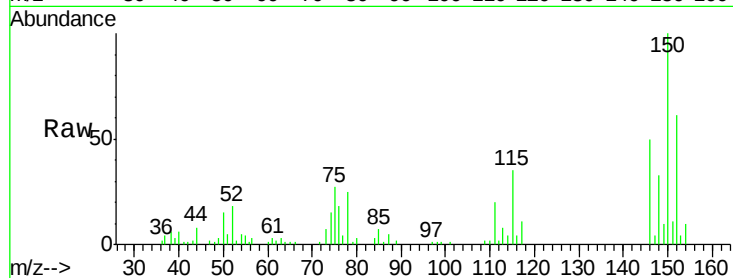
Tot Ion:146 Resp: 11431

Ion Ratio Lower Upper

146 100

111 40.7 27.2 50.6

148 66.8 43.8 81.3



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

