

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U052620\
 Data File : VU038306.D
 Acq On : 26 May 2020 18:56
 Operator : JC/MD
 Sample : L2766-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE4Y6

Quant Time: May 27 08:44:18 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	301939	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	296028	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	147936	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	96145	3.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.60%
7) Chloroethane-d5	1.93	69	87569	3.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.40%
11) 1,1-Dichloroethene-d2	2.59	63	145104	3.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.80%
20) 2-Butanone-d5	4.66	46	355488	52.17	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.34%
24) Chloroform-d	5.10	84	206386	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.74	65	120392	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.76	84	423350	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.72	67	134479	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.92	98	384403	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
43) trans-1,3-Dichloropropene-	8.20	79	53500	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.65	63	280156	51.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.46%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	110766	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	152162	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

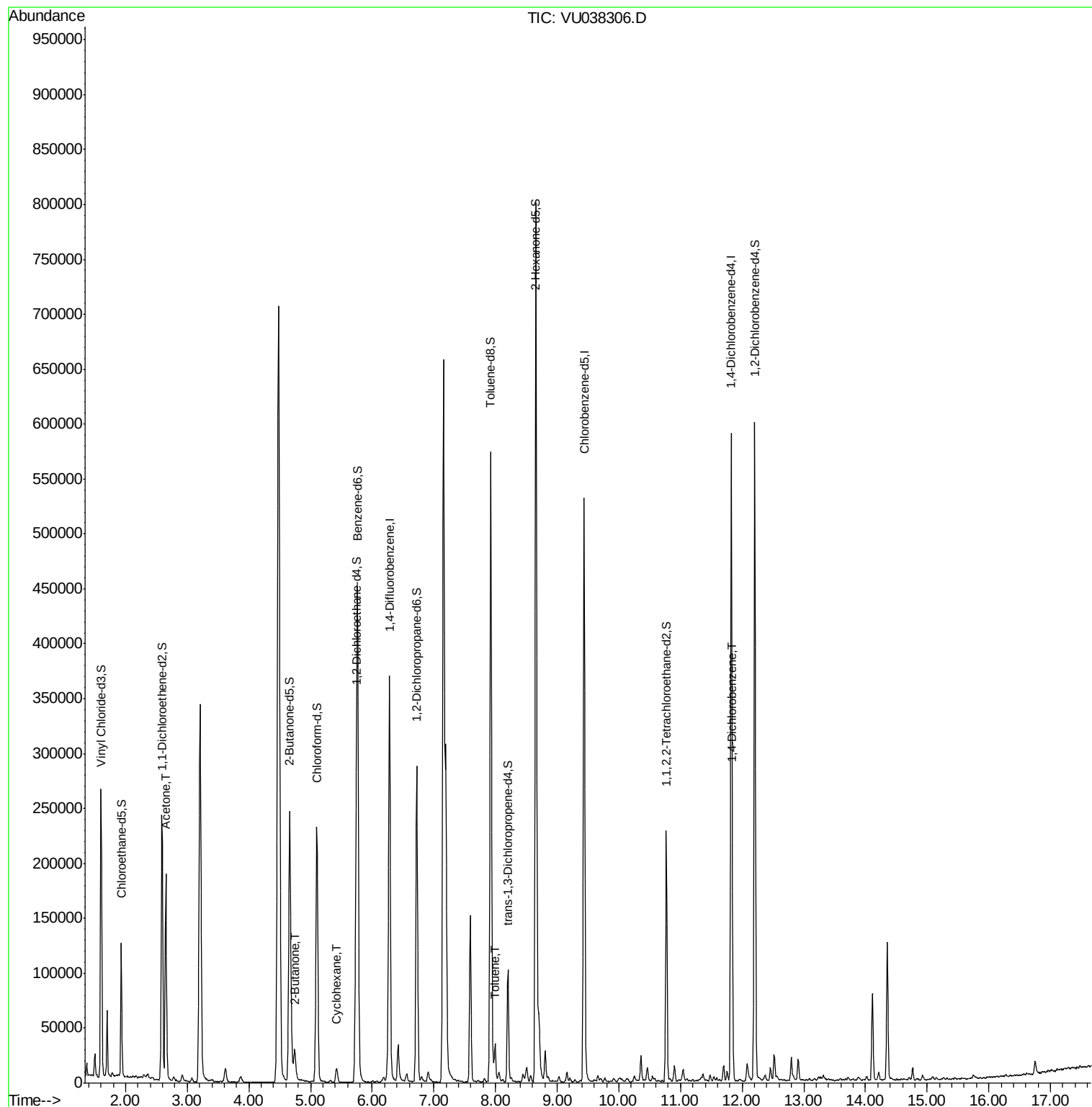
					Ovalue
13) Acetone	2.65	43	207537	48.545	ug/L 99
21) 2-Butanone	4.74	43	35089	4.650	ug/L 100
30) Cyclohexane	5.42	56	6449	0.161	ug/L 97
42) Toluene	7.99	91	21981	0.220	ug/L 99
63) 1,4-Dichlorobenzene	11.85	146	12311	0.252	ug/L 94

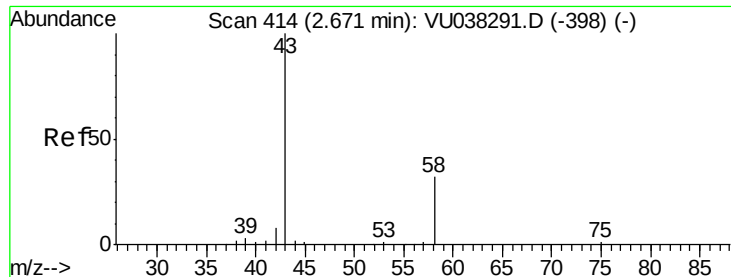
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 48.545 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.02 min

Lab File: VU038306.D

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Instrument :

MSVOA_U

ClientSampleId :

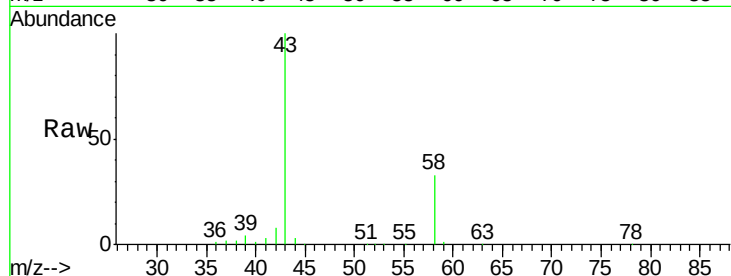
BE4Y6

Tot Ion: 43 Resp: 207537

Ion Ratio Lower Upper

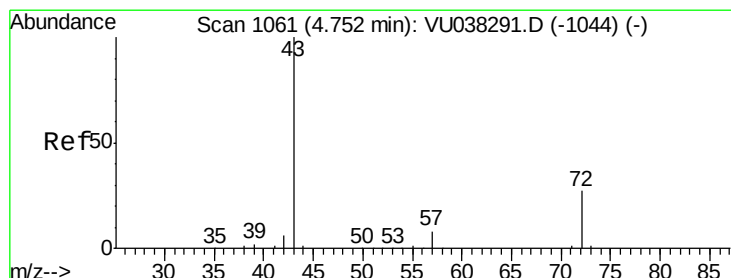
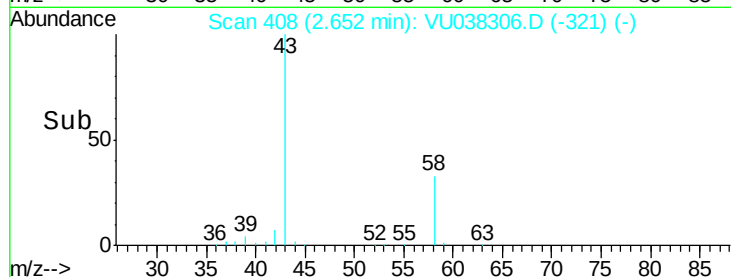
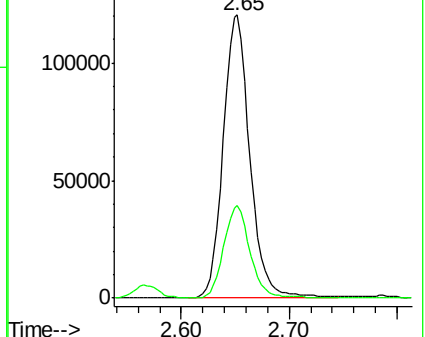
43 100

58 31.4 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038291.D (-398) (-)

Ion 58.05 (57.75 to 58.75): VU038291.D (-398) (-)



#21

2-Butanone

Concen: 4.650 ug/L

RT: 4.74 min Scan# 1058

Delta R.T. -0.01 min

Lab File: VU038306.D

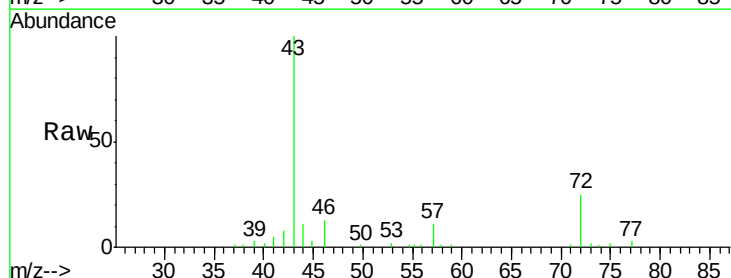
Acq: 26 May 2020 18:56

Tgt Ion: 43 Resp: 35089

Ion Ratio Lower Upper

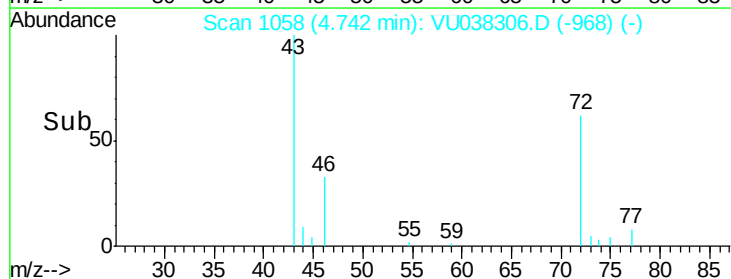
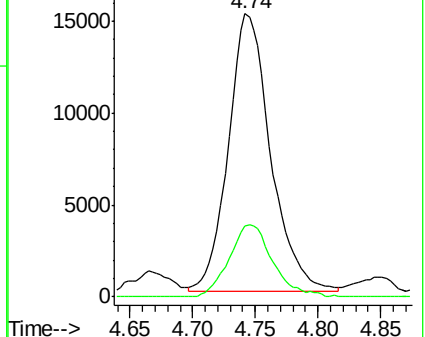
43 100

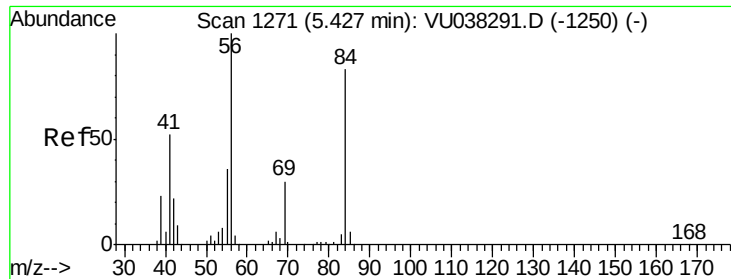
72 26.9 13.5 40.4



Abundance Ion 43.05 (42.75 to 43.75): VU038291.D (-1044) (-)

Ion 72.10 (71.80 to 72.80): VU038291.D (-1044) (-)

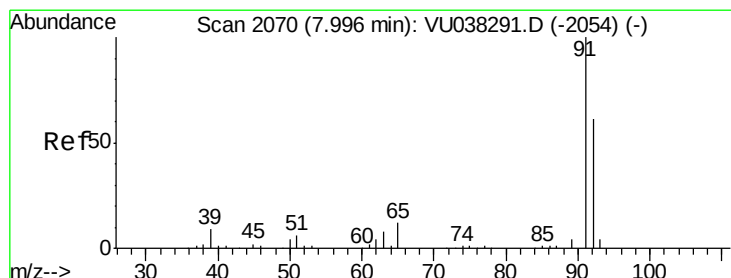
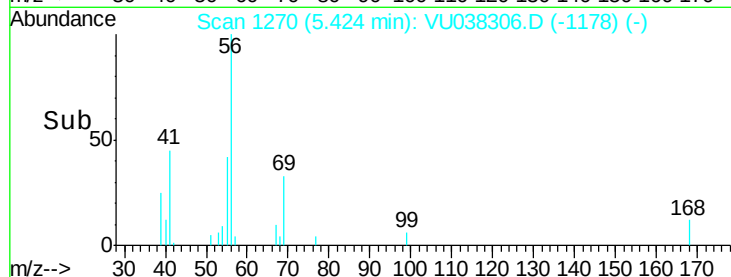
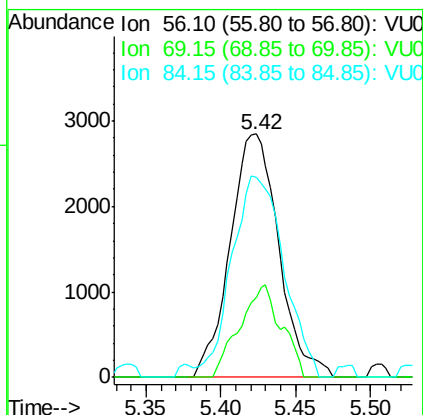
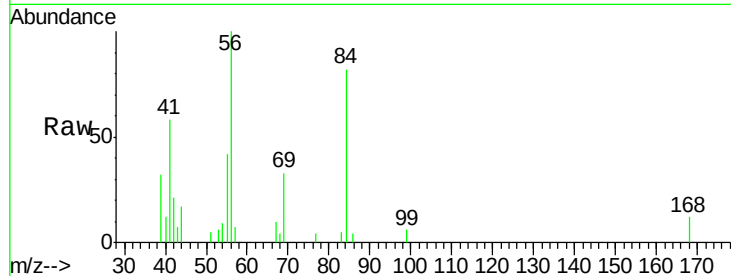




#30
Cyclohexane
Concen: 0.161 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VU038306.D
Acq: 26 May 2020 18:56

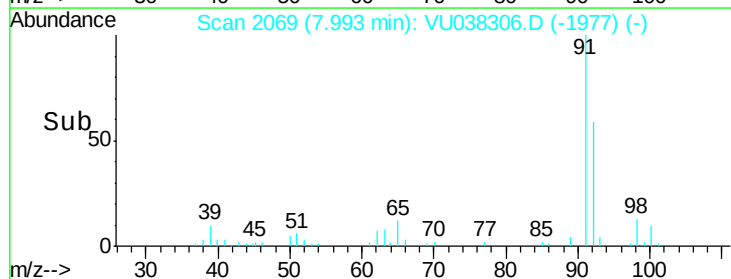
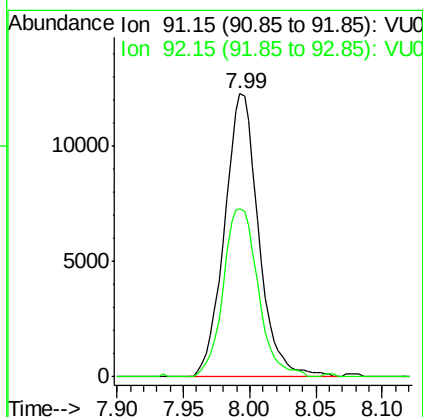
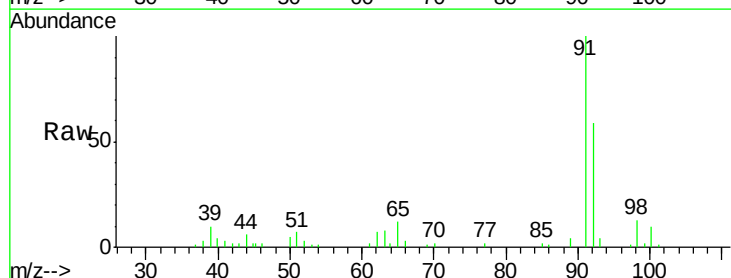
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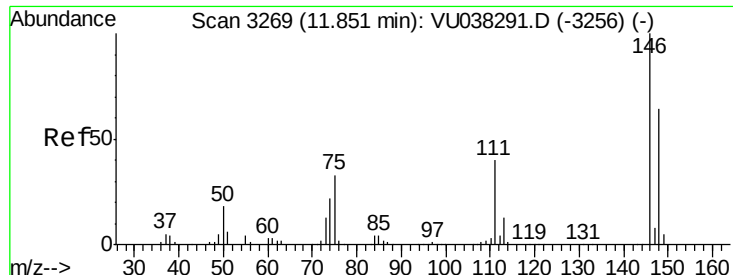
Tot Ion: 56 Resp: 6449
Ion Ratio Lower Upper
56 100
69 32.4 24.2 36.4
84 88.2 68.5 102.7



#42
Toluene
Concen: 0.220 ug/L
RT: 7.99 min Scan# 2069
Delta R.T. -0.00 min
Lab File: VU038306.D
Acq: 26 May 2020 18:56

Tgt Ion: 91 Resp: 21981
Ion Ratio Lower Upper
91 100
92 59.3 40.9 75.9





#63

1,4-Dichlorobenzene

Concen: 0.252 ug/L

RT: 11.85 min Scan# 3268

Delta R.T. -0.00 min

Lab File: VU038306.D

Acq: 26 May 2020 18:56

Instrument :

MSVOA_U

ClientSampleId :

BE4Y6

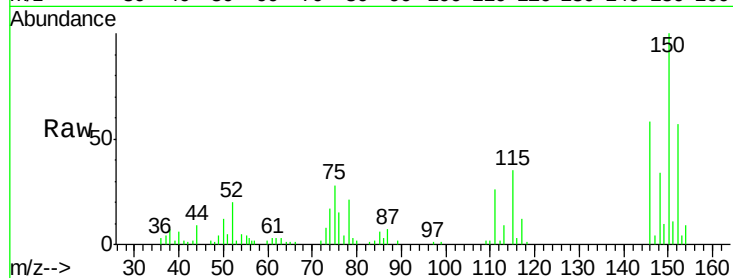
Tot Ion:146 Resp: 12311

Ion Ratio Lower Upper

146 100

111 44.9 27.2 50.6

148 59.1 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

