

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052620\
 Data File : VU038297.D
 Acq On : 26 May 2020 15:27
 Operator : JC/MD
 Sample : L2749-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE4W6

Quant Time: May 27 07:32:26 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	327933	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	314556	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	157291	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	97500	3.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.00%
7) Chloroethane-d5	1.93	69	88756	3.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.40%
11) 1,1-Dichloroethene-d2	2.59	63	146124	2.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.20%#
20) 2-Butanone-d5	4.66	46	348251	47.06	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.12%
24) Chloroform-d	5.10	84	204566	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.74	65	115465	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
32) Benzene-d6	5.76	84	423556	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.72	67	133221	4.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.60%
41) Toluene-d8	7.92	98	377048	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	8.20	79	54137	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	8.65	63	281688	48.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.90%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	108954	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	146957	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

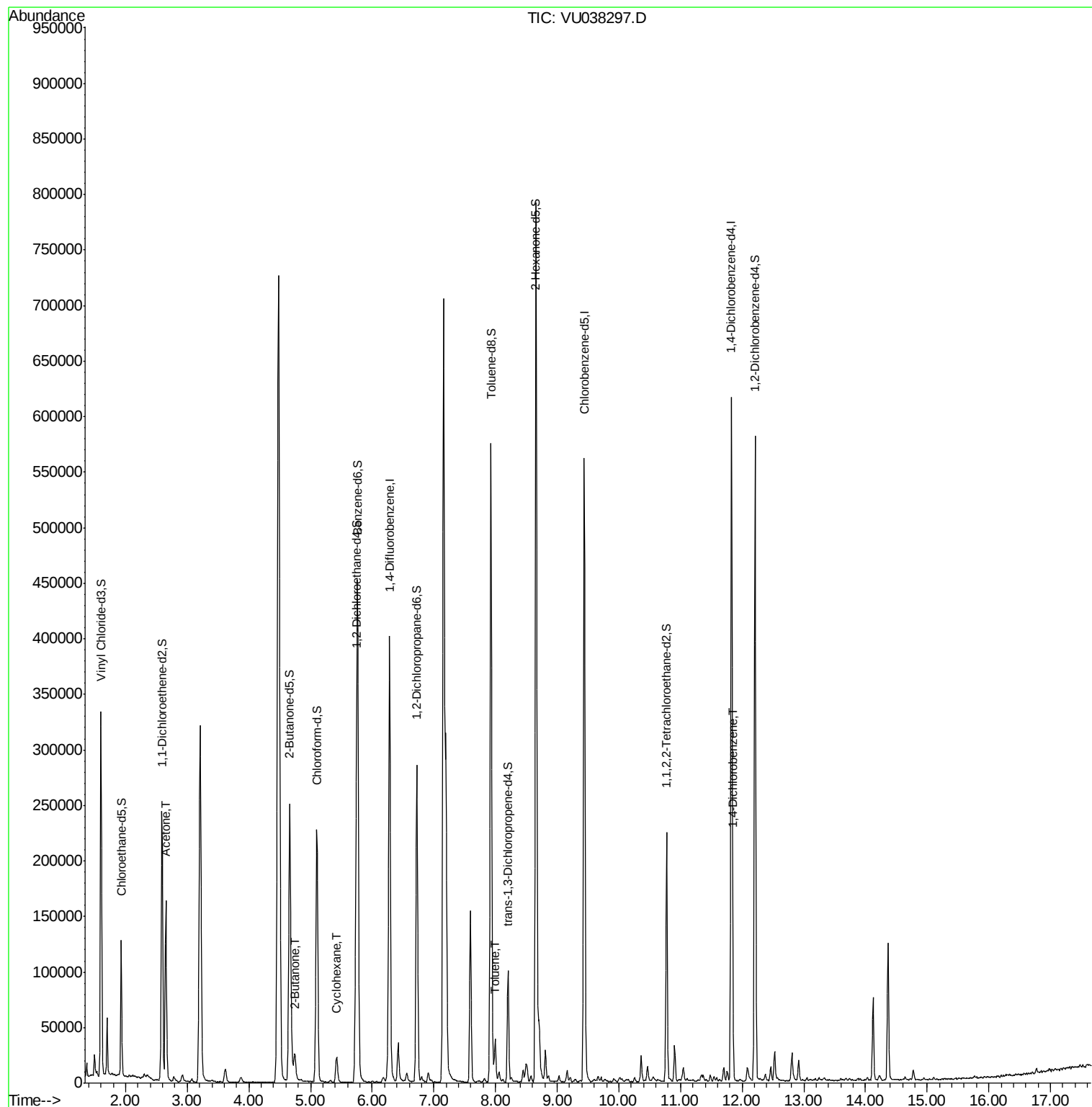
					Ovalue
13) Acetone	2.65	43	180857	38.951	ug/L 100
21) 2-Butanone	4.75	43	32576	3.975	ug/L 99
30) Cyclohexane	5.42	56	11703	0.275	ug/L 97
42) Toluene	8.00	91	24653	0.232	ug/L 99
63) 1,4-Dichlorobenzene	11.85	146	12272	0.237	ug/L 98

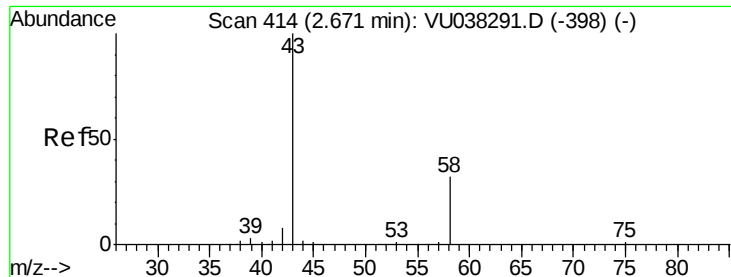
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 38.951 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.02 min

Lab File: VU038297.D

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Instrument :

MSVOA_U

ClientSampleId :

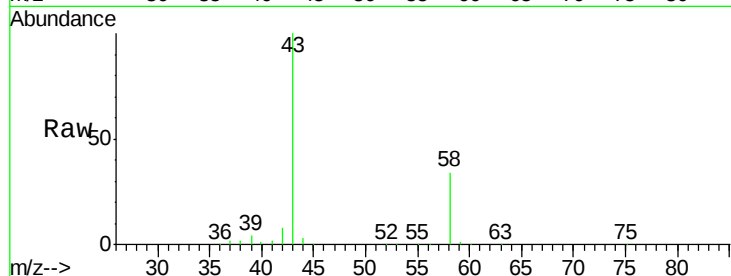
BE4W6

Tot Ion: 43 Resp: 180857

Ion Ratio Lower Upper

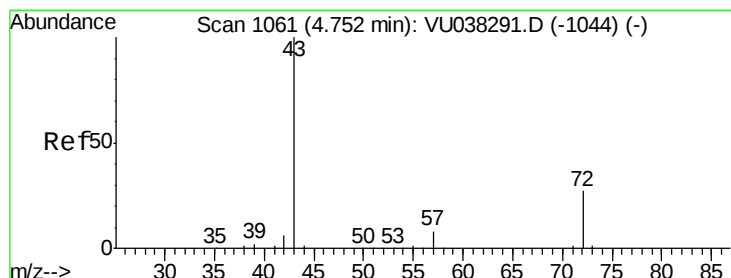
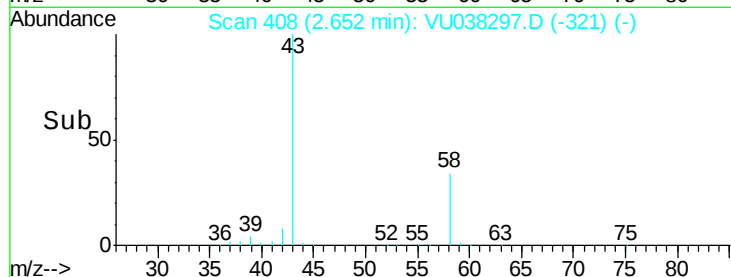
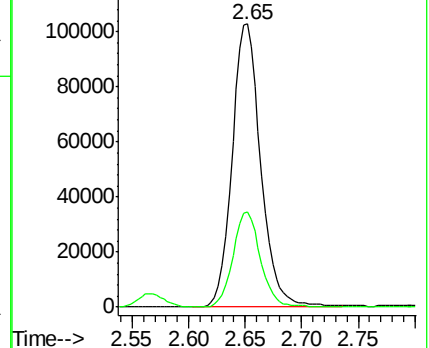
43 100

58 31.9 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038297.D (-321) (-)

Ion 58.05 (57.75 to 58.75): VU038297.D (-321) (-)



#21

2-Butanone

Concen: 3.975 ug/L

RT: 4.75 min Scan# 1059

Delta R.T. -0.01 min

Lab File: VU038297.D

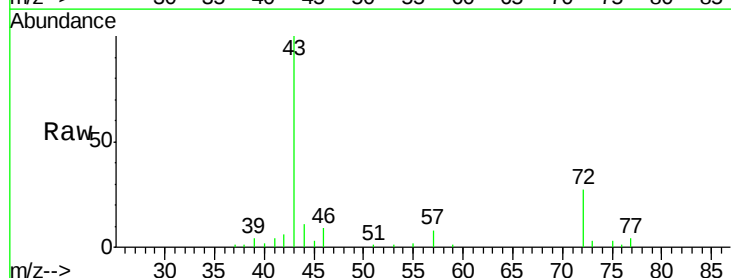
Acq: 26 May 2020 15:27

Tgt Ion: 43 Resp: 32576

Ion Ratio Lower Upper

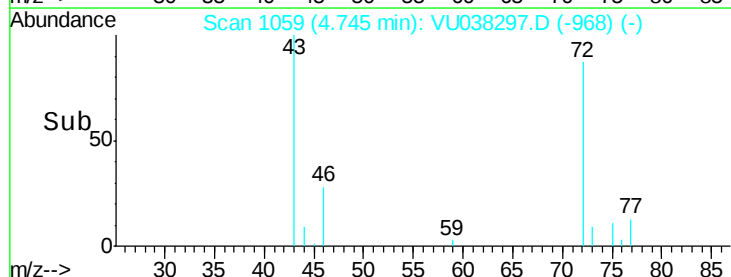
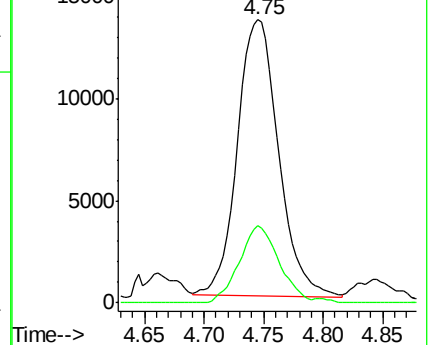
43 100

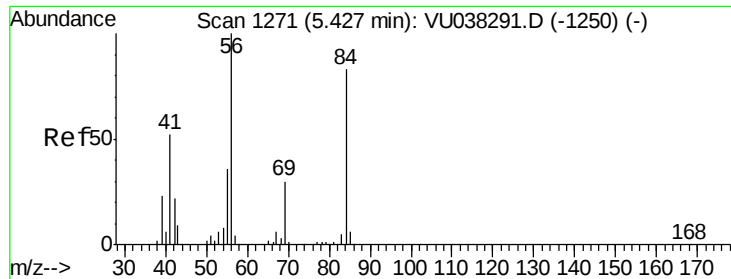
72 26.6 13.5 40.4



Abundance Ion 43.05 (42.75 to 43.75): VU038297.D (-968) (-)

Ion 72.10 (71.80 to 72.80): VU038297.D (-968) (-)

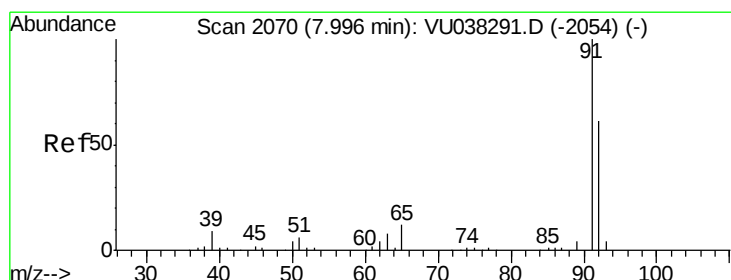
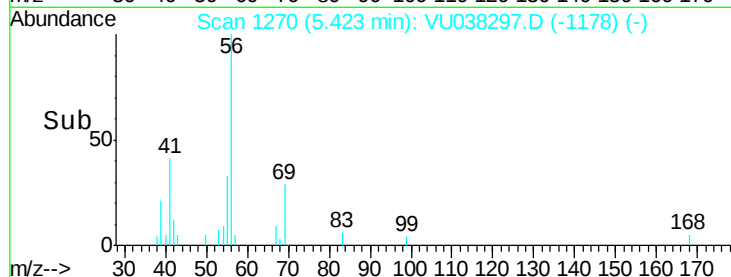
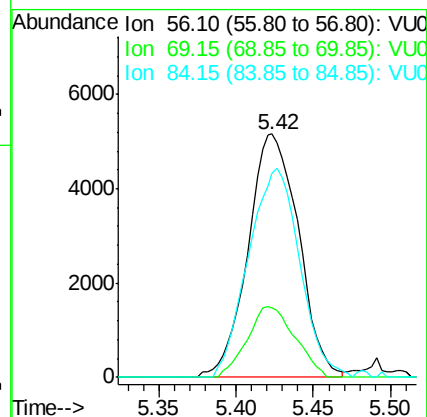
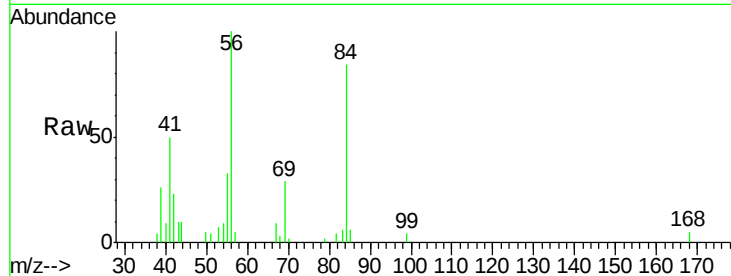




#30
Cyclohexane
Concen: 0.275 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VU038297.D
Acq: 26 May 2020 15:27

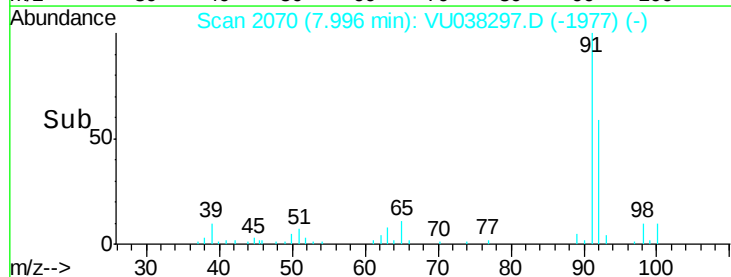
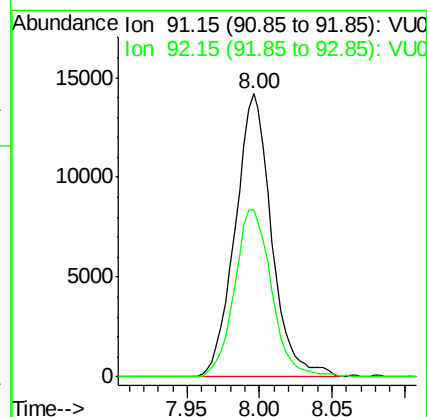
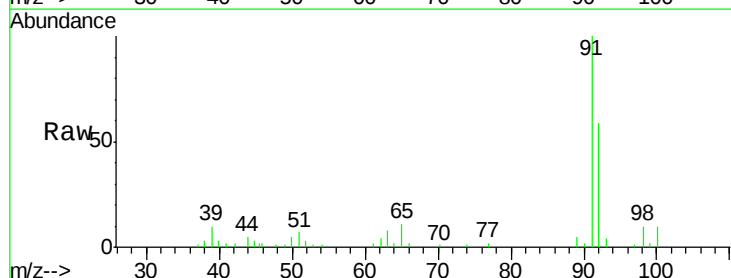
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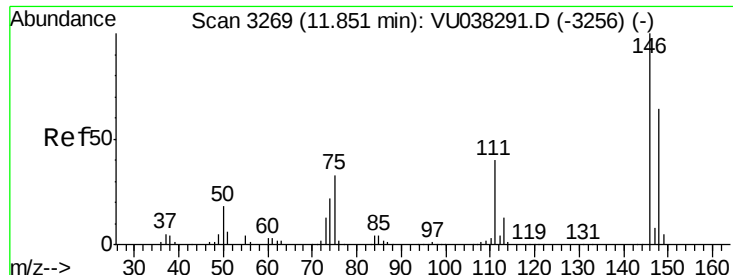
Tot Ion: 56 Resp: 11703
Ion Ratio Lower Upper
56 100
69 27.5 24.2 36.4
84 87.3 68.5 102.7



#42
Toluene
Concen: 0.232 ug/L
RT: 8.00 min Scan# 2070
Delta R.T. -0.00 min
Lab File: VU038297.D
Acq: 26 May 2020 15:27

Tgt Ion: 91 Resp: 24653
Ion Ratio Lower Upper
91 100
92 59.1 40.9 75.9





#63

1,4-Dichlorobenzene

Concen: 0.237 ug/L

RT: 11.85 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU038297.D

Acq: 26 May 2020 15:27

Instrument :

MSVOA_U

ClientSampleId :

BE4W6

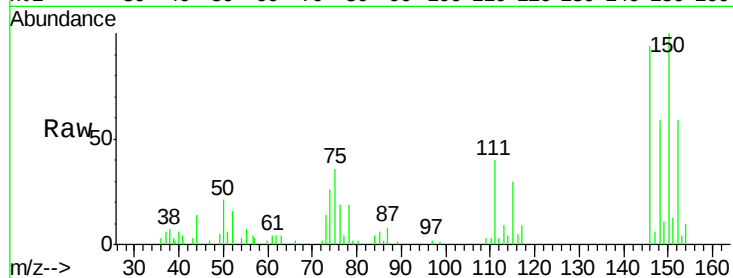
Tot Ion:146 Resp: 12272

Ion Ratio Lower Upper

146 100

111 42.5 27.2 50.6

148 62.4 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

