

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U052220\
 Data File : VU038280.D
 Acq On : 22 May 2020 16:20
 Operator : JC/MD
 Sample : L2724-18
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE4W4

Quant Time: May 22 22:36:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 22 22:19:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	384763	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	367137	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	179419	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	112886	3.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.20%
7) Chloroethane-d5	1.93	69	103186	3.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	67.80%
11) 1,1-Dichloroethene-d2	2.59	63	169784	2.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.80%#
20) 2-Butanone-d5	4.66	46	434759	50.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.14%
24) Chloroform-d	5.10	84	234855	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.74	65	136768	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
32) Benzene-d6	5.76	84	490901	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.72	67	156605	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.20%
41) Toluene-d8	7.92	98	430564	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	8.20	79	61064	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.66	63	322787	48.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.12%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	125852	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	165888	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

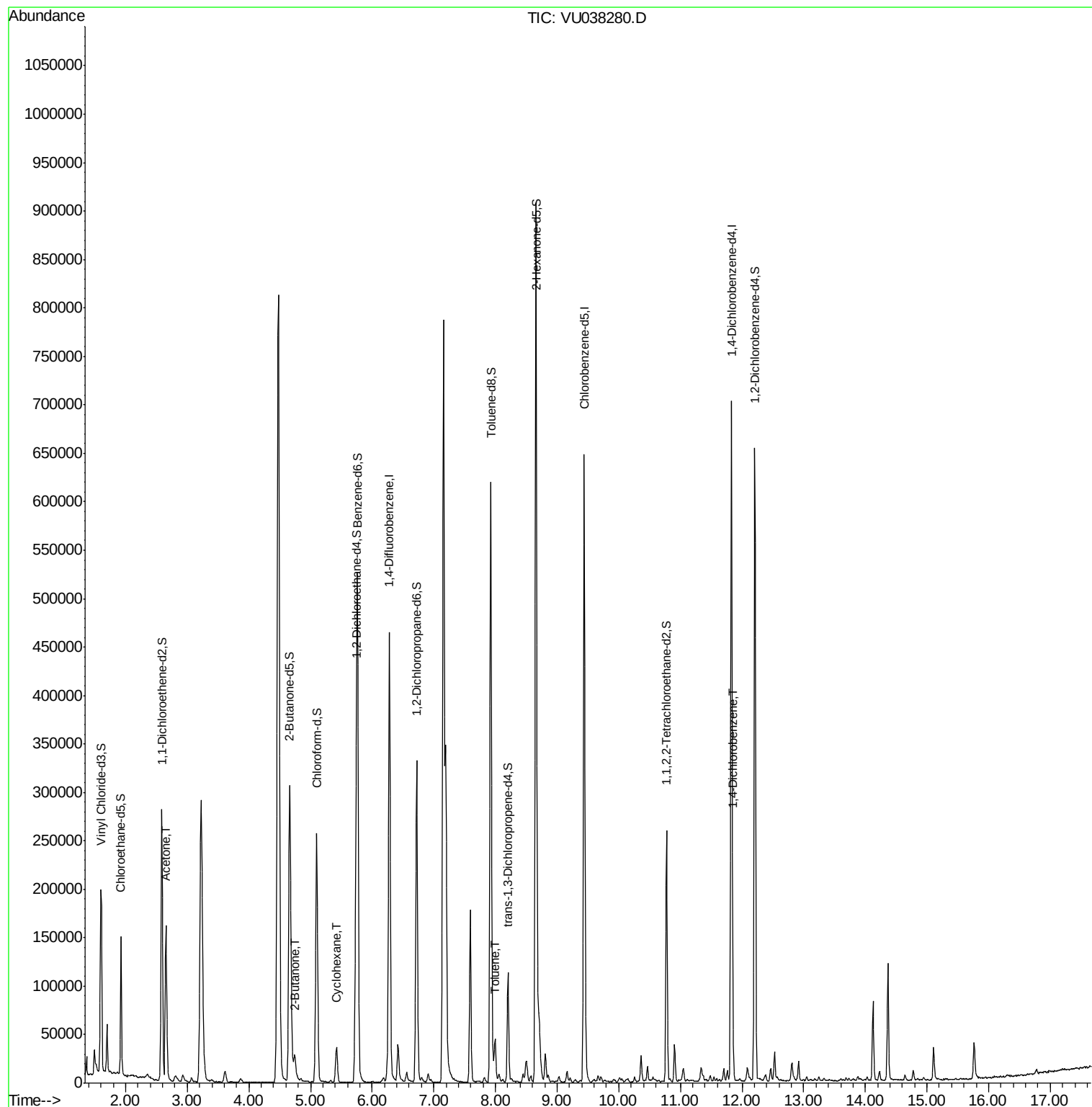
					Ovalue
13) Acetone	2.65	43	196199	36.014	ug/L 100
21) 2-Butanone	4.74	43	33664	3.501	ug/L 97
30) Cyclohexane	5.42	56	18624	0.375	ug/L 97
42) Toluene	8.00	91	28598	0.230	ug/L 98
63) 1,4-Dichlorobenzene	11.85	146	14105	0.238	ug/L 93

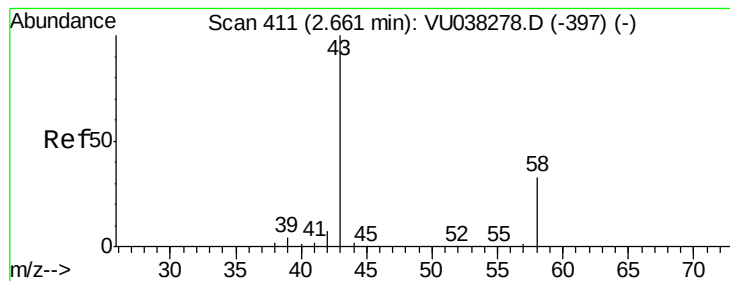
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 36.014 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.01 min

Lab File: VU038280.D

Acq: 22 May 2020 16:20

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MSVOA_U

ClientSampleId :

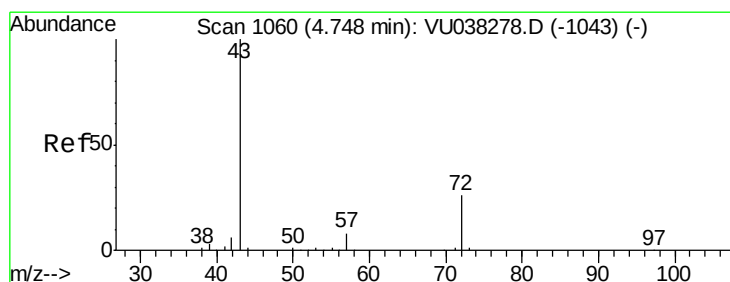
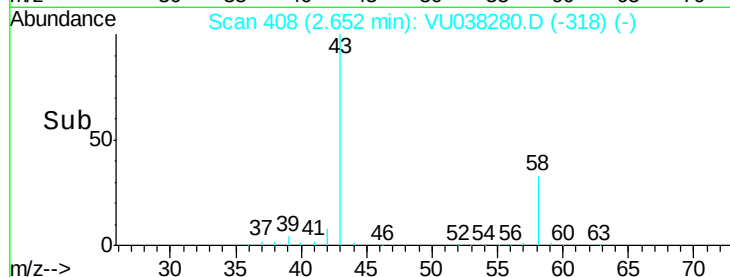
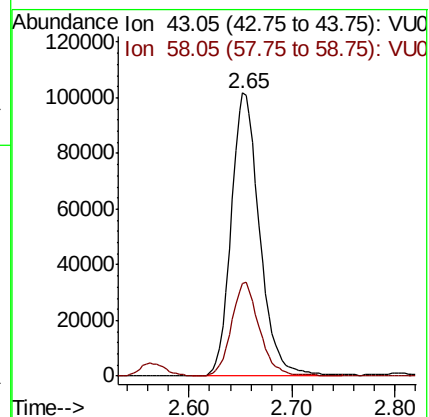
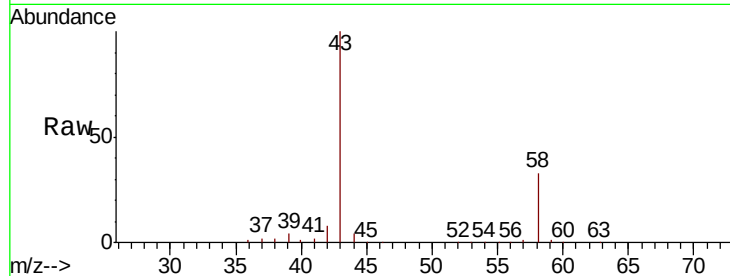
BE4W4

Tot Ion: 43 Resp: 196199

Ion Ratio Lower Upper

43 100

58 32.0 0.0 63.6



#21

2-Butanone

Concen: 3.501 ug/L

RT: 4.74 min Scan# 1058

Delta R.T. -0.01 min

Lab File: VU038280.D

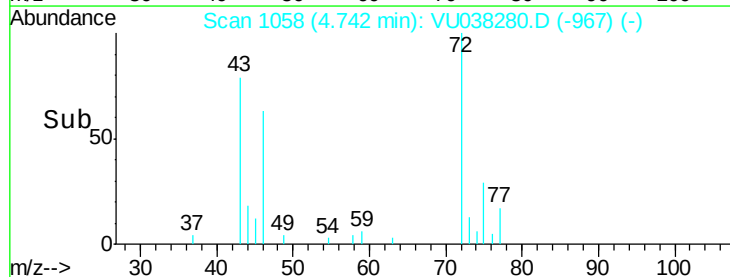
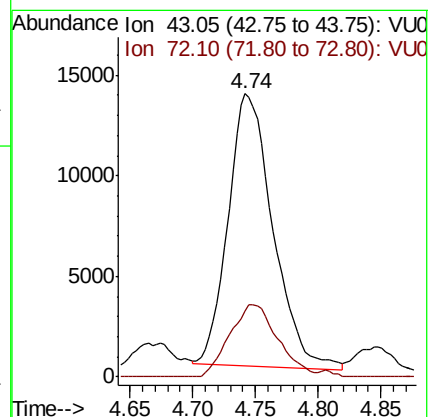
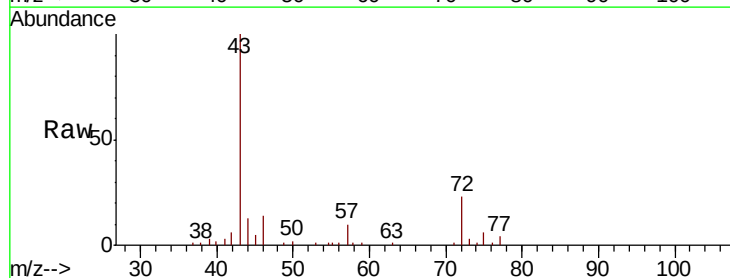
Acq: 22 May 2020 16:20

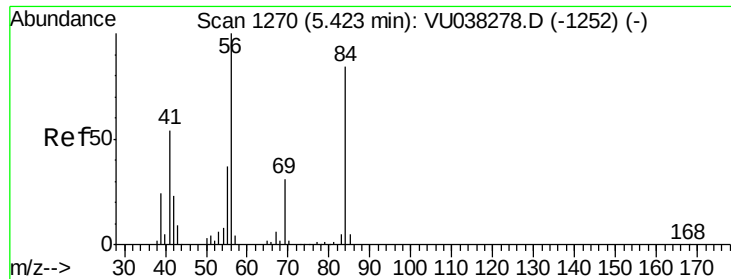
Tgt Ion: 43 Resp: 33664

Ion Ratio Lower Upper

43 100

72 28.5 13.5 40.4

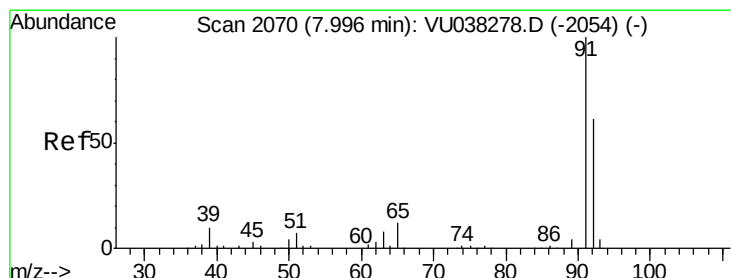
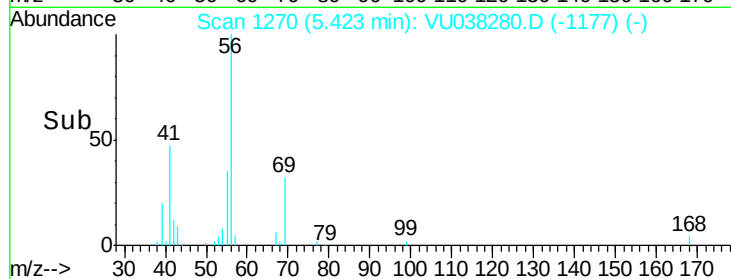
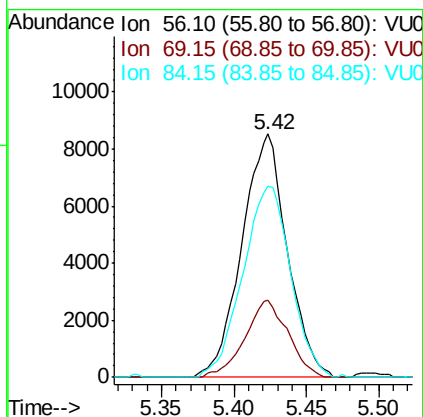
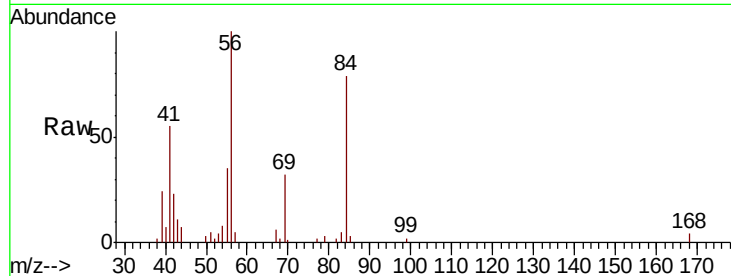




#30
Cyclohexane
Concen: 0.375 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VU038280.D
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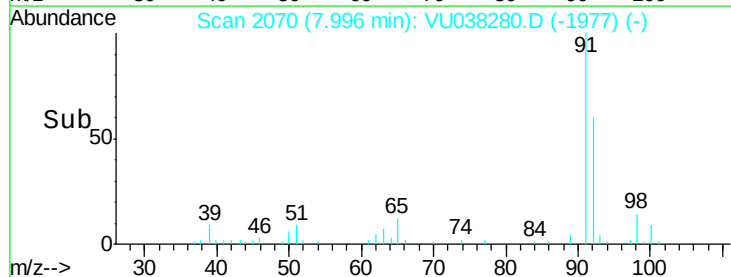
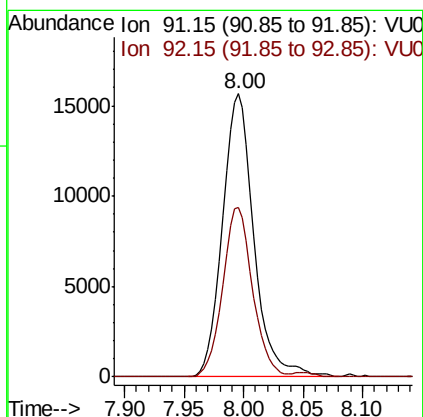
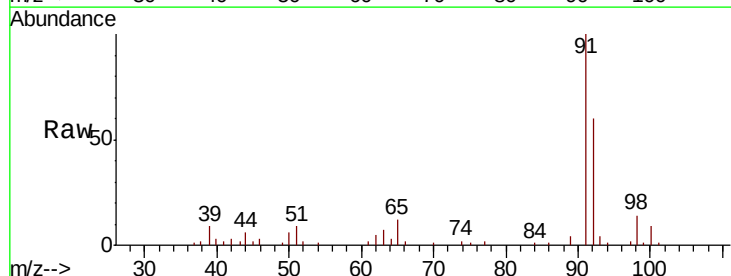
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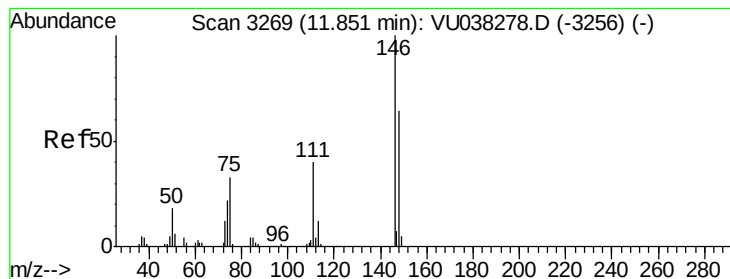
Tot Ion: 56 Resp: 18624
Ion Ratio Lower Upper
56 100
69 30.0 24.2 36.4
84 82.6 68.5 102.7



#42
Toluene
Concen: 0.230 ug/L
RT: 8.00 min Scan# 2070
Delta R.T. 0.00 min
Lab File: VU038280.D
Acq: 22 May 2020 16:20

Tgt Ion: 91 Resp: 28598
Ion Ratio Lower Upper
91 100
92 60.0 40.9 75.9





#63

1,4-Dichlorobenzene

Concen: 0.238 ug/L

RT: 11.85 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU038280.D

Acq: 22 May 2020 16:20

Instrument :

MSVOA_U

ClientSampleId :

BE4W4

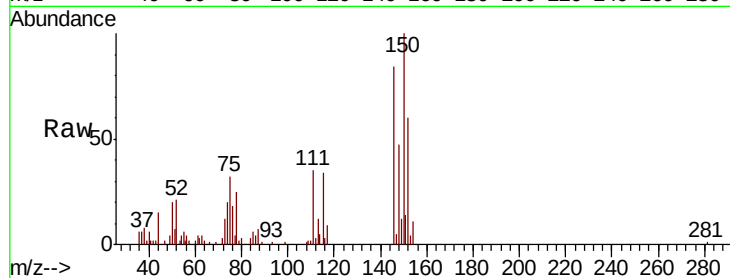
Tot Ion:146 Resp: 14105

Ion Ratio Lower Upper

146 100

111 41.8 27.2 50.6

148 55.9 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

