

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U030520\
 Data File : VU037089.D
 Acq On : 05 Mar 2020 17:40
 Operator : JC/MD
 Sample : L1784-05DL 500X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AZ3DL

Quant Time: Mar 05 22:39:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 05 22:35:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	257624	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	245974	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	87678	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	74675	34.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.04%
7) Chloroethane-d5	1.93	69	78533	43.87	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.74%
11) 1,1-Dichloroethene-d2	2.59	63	106914	29.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.02%#
21) 2-Butanone-d5	4.67	46	146094	100.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.67%
24) Chloroform-d	5.11	84	152831	46.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.52%
26) 1,2-Dichloroethane-d4	5.74	65	108980	48.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.48%
32) Benzene-d6	5.76	84	326873	45.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.90%
36) 1,2-Dichloropropane-d6	6.72	67	111429	48.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.70%
41) Toluene-d8	7.92	98	286460	43.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.82%
43) trans-1,3-Dichloropropene-	8.20	79	44950	41.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.94%
47) 2-Hexanone-d5	8.66	63	98838	87.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.72%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	155643	47.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	87207	50.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.76%

Target Compounds

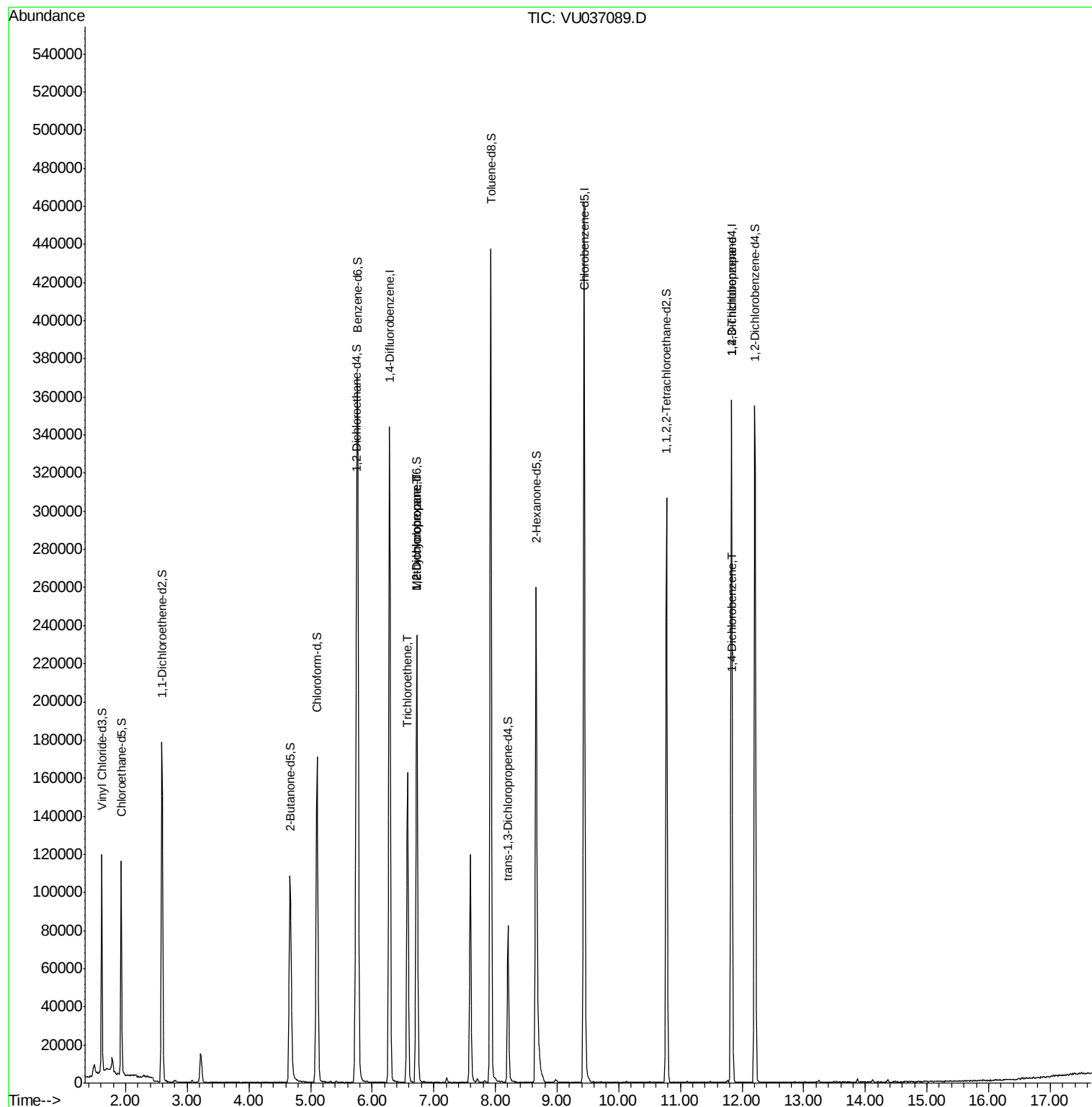
					Ovalue
34) Trichloroethene	6.57	95	55645	29.135	ug/L 97
35) Methylcyclohexane	6.72	83	24556	7.416	ug/L # 19
37) 1,2-Dichloropropane	6.73	63	12296	5.877	ug/L # 88
59) 1,2,3-Trichloropropane	11.83	75	14292	5.310	ug/L 96
63) 1,4-Dichlorobenzene	11.85	146	2624	0.934	ug/L 95

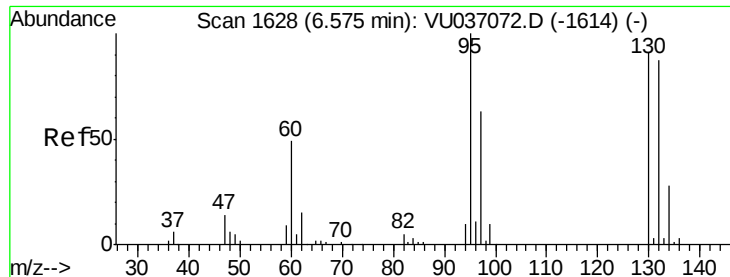
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 29.135 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU037089.D

Acq: 05 Mar 2020 17:40

Instrument :

MSVOA_U

ClientSampleId :

C0AZ3DL

Tot Ion: 95 Resp: 55645

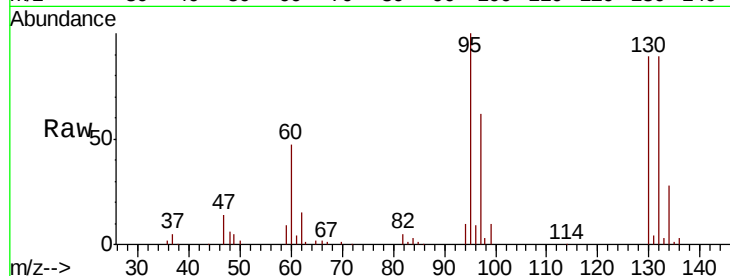
Ion Ratio Lower Upper

95 100

97 61.6 44.1 81.9

132 88.7 60.6 112.6

130 89.4 64.9 120.5

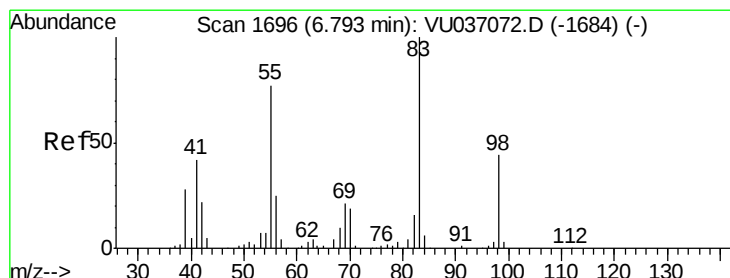
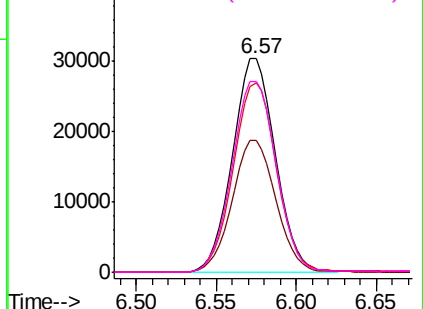
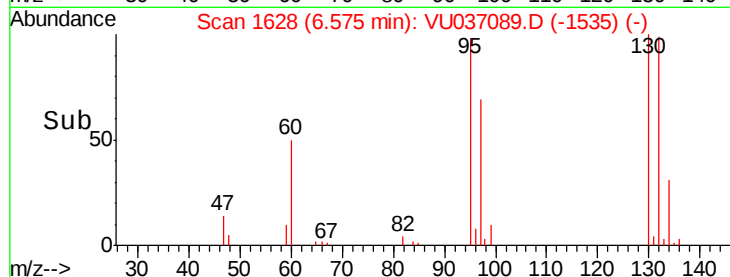


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#35

Methylcyclohexane

Concen: 7.416 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU037089.D

Acq: 05 Mar 2020 17:40

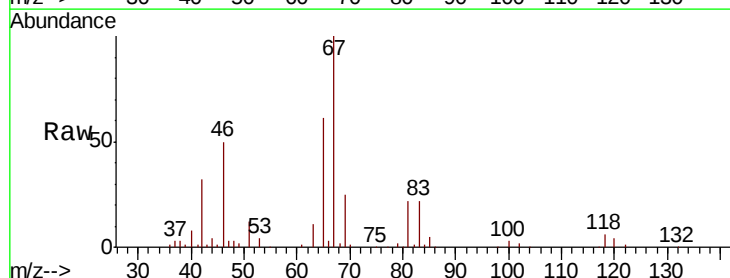
Tgt Ion: 83 Resp: 24556

Ion Ratio Lower Upper

83 100

55 0.2 62.6 93.8#

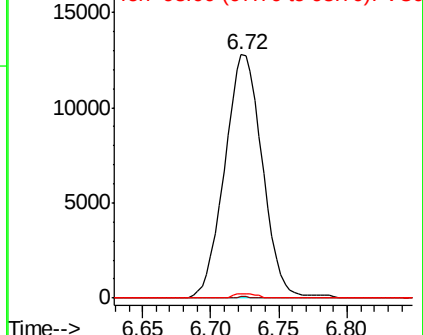
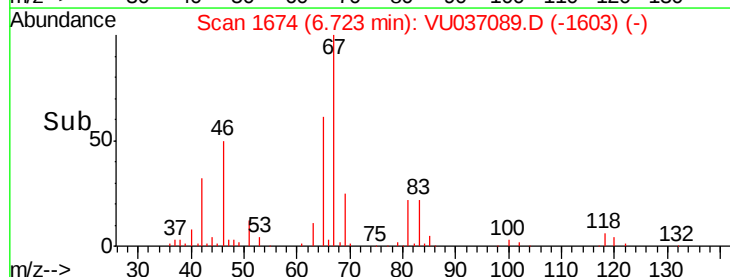
98 1.0 35.1 52.7#

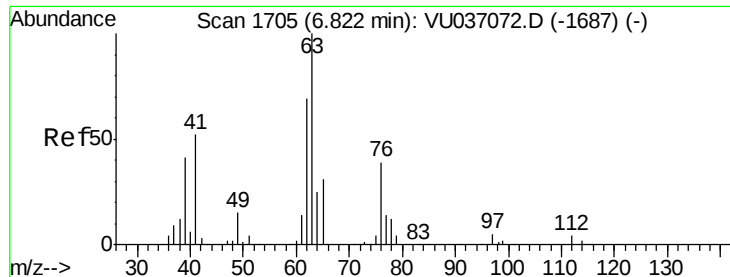


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

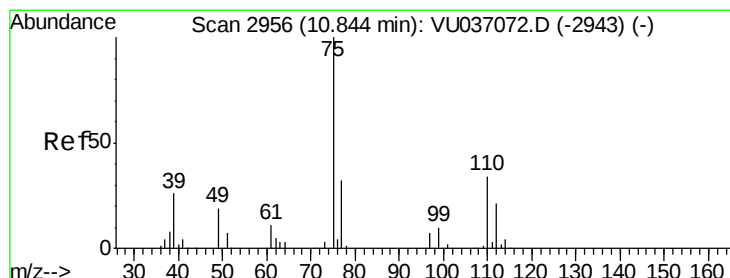
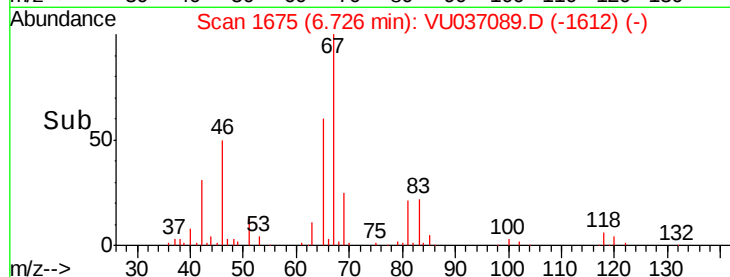
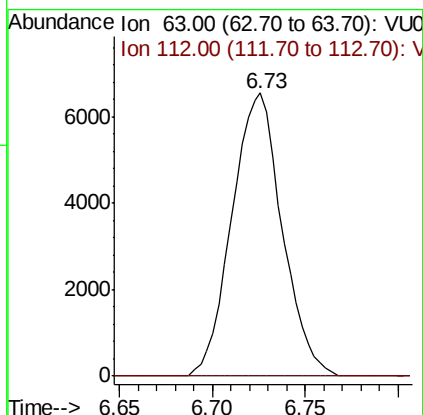
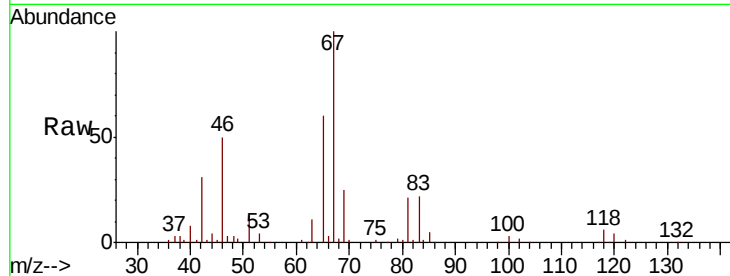




#37
 1,2-Dichloropropane
 Concen: 5.877 ug/L
 RT: 6.73 min Scan# 1675
 Delta R.T. -0.10 min
 Lab File: VU037089.D
 Acq: 05 Mar 2020 17:40

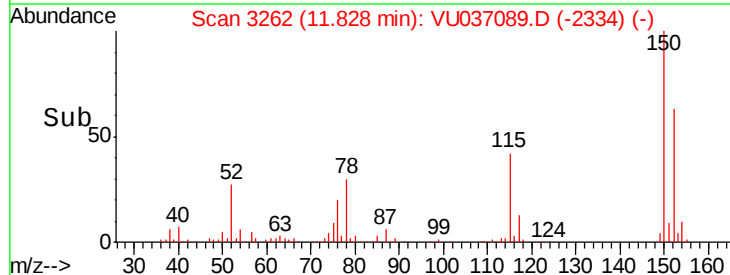
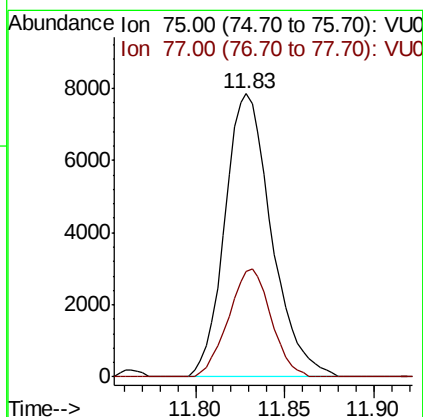
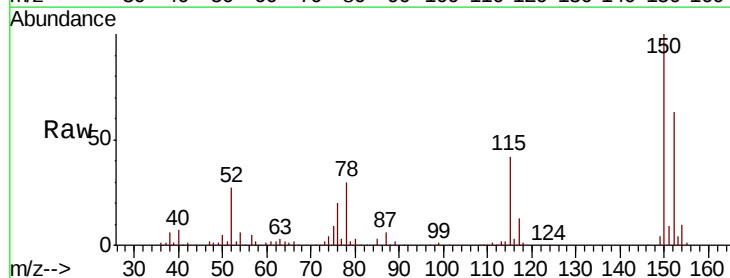
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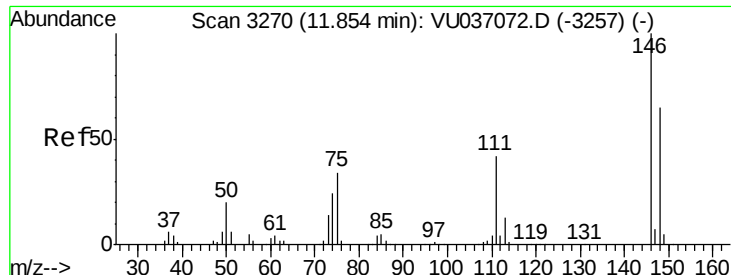
Tot Ion: 63 Resp: 12296
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#59
 1,2,3-Trichloropropane
 Concen: 5.310 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.98 min
 Lab File: VU037089.D
 Acq: 05 Mar 2020 17:40

Tgt Ion: 75 Resp: 14292
 Ion Ratio Lower Upper
 75 100
 77 34.9 26.2 39.2





#63

1,4-Dichlorobenzene

Concen: 0.934 ug/L

RT: 11.85 min Scan# 3269

Delta R.T. -0.00 min

Lab File: VU037089.D

Acq: 05 Mar 2020 17:40

Instrument :

MSVOA_U

ClientSampleId :

C0AZ3DL

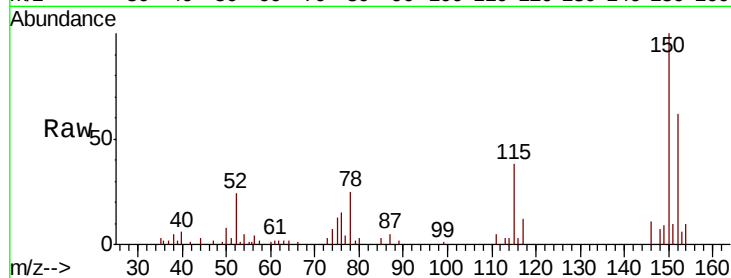
Tot Ion:146 Resp: 2624

Ion Ratio Lower Upper

146 100

111 44.6 29.8 55.4

148 60.1 45.1 83.9



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

