

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043020\
 Data File : VU037972.D
 Acq On : 01 May 2020 00:28
 Operator : JC/MD
 Sample : L2410-08DL 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 01 06:15:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 01 06:13:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	713830	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	695039	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	315561	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	282026	44.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.84%
7) Chloroethane-d5	1.93	69	237066	46.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.84%
11) 1,1-Dichloroethene-d2	2.59	63	348288	33.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.82%
21) 2-Butanone-d5	4.66	46	436761	89.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.00%
24) Chloroform-d	5.10	84	419902	43.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.38%
26) 1,2-Dichloroethane-d4	5.74	65	309907	45.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.78%
32) Benzene-d6	5.76	84	959791	46.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.70%
36) 1,2-Dichloropropane-d6	6.72	67	317773	46.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.56%
41) Toluene-d8	7.92	98	861556	45.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.70%
43) trans-1,3-Dichloropropene-	8.20	79	140354	44.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.12%
47) 2-Hexanone-d5	8.65	63	285458	96.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.63%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	423062	43.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.44%
64) 1,2-Dichlorobenzene-d4	12.20	152	303688	46.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.06%

Target Compounds

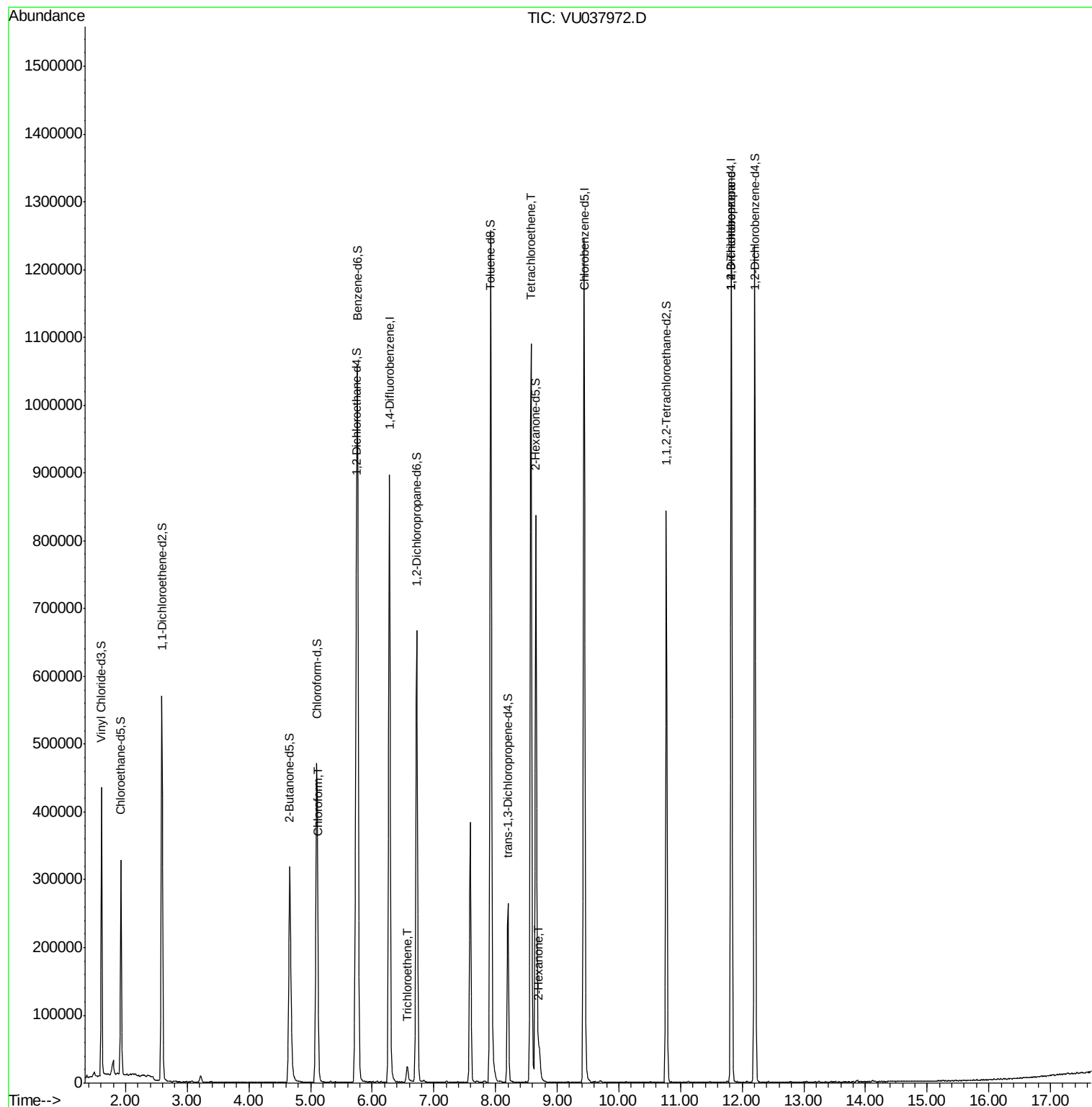
					Ovalue
25) Chloroform	5.12	83	16627	1.723 ug/L	94
34) Trichloroethene	6.57	95	6571	1.247 ug/L	91
46) Tetrachloroethene	8.57	164	239487	62.257 ug/L	97
48) 2-Hexanone	8.71	43	33623	4.335 ug/L	93
59) 1,2,3-Trichloropropane	11.83	75	44120	5.478 ug/L	95

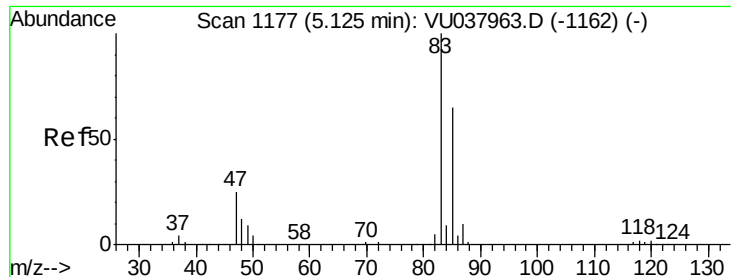
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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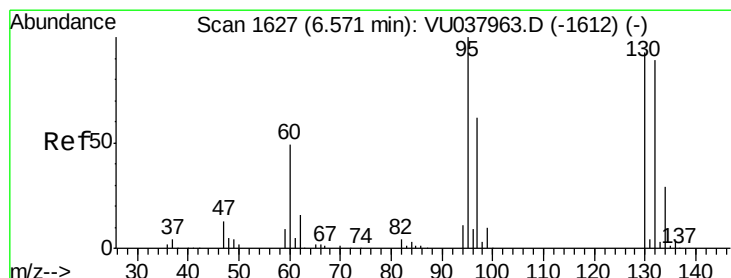
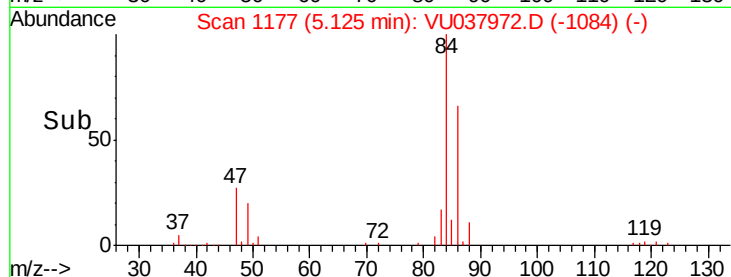
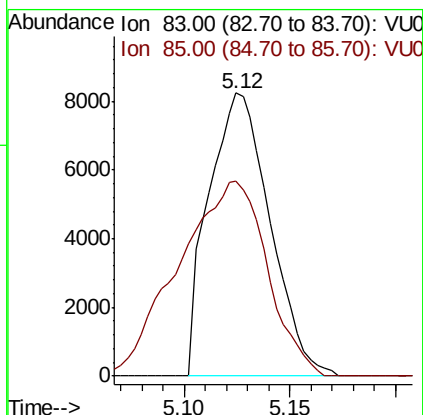
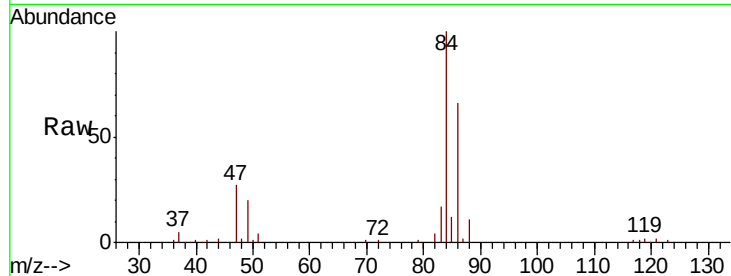




#25
Chloroform
Concen: 1.723 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VU037972.D
Acq: 01 May 2020 00:28

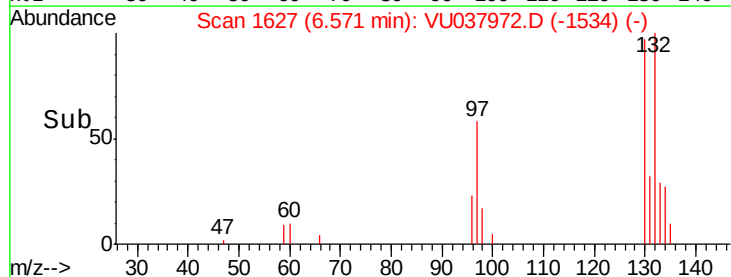
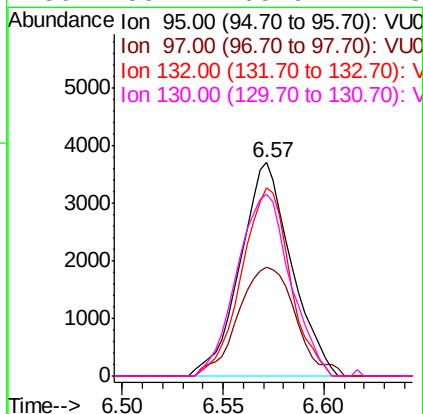
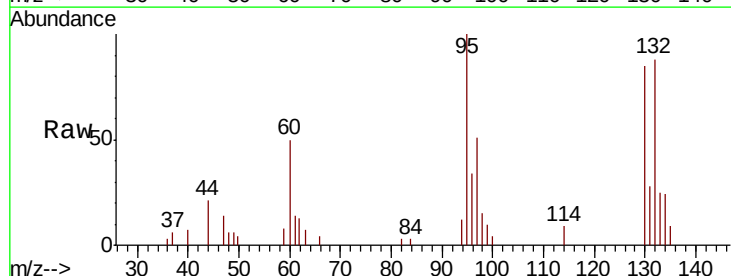
Instrument :
MSVOA_U
ClientSampleId :

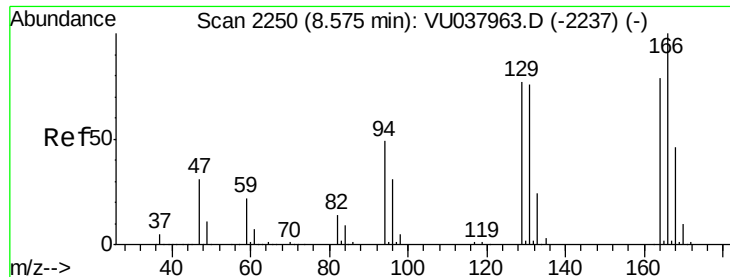
Tot Ion: 83 Resp: 16627
Ion Ratio Lower Upper
83 100
85 69.0 45.0 83.6



#34
Trichloroethene
Concen: 1.247 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VU037972.D
Acq: 01 May 2020 00:28

Tgt Ion: 95 Resp: 6571
Ion Ratio Lower Upper
95 100
97 50.7 44.9 83.5
132 88.0 63.2 117.4
130 85.4 65.9 122.3





#46

Tetrachloroethene

Concen: 62.257 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. 0.00 min

Lab File: VU037972.D

Acq: 01 May 2020 00:28

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:164 Resp: 239487

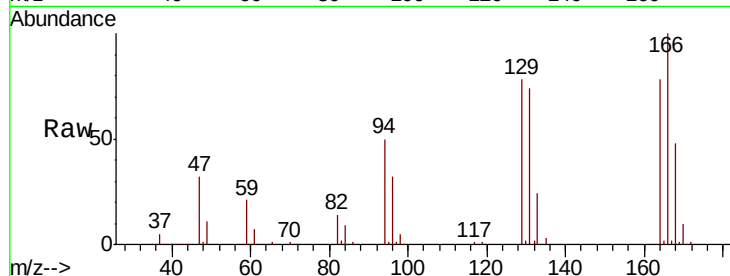
Ion Ratio Lower Upper

164 100

129 99.9 68.4 127.0

131 94.9 65.7 122.1

166 128.4 86.7 161.1

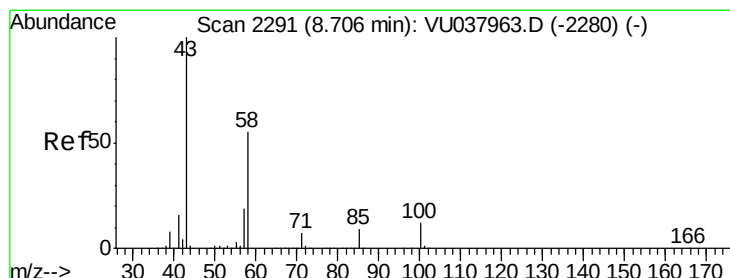
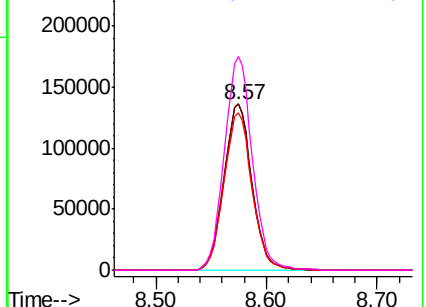
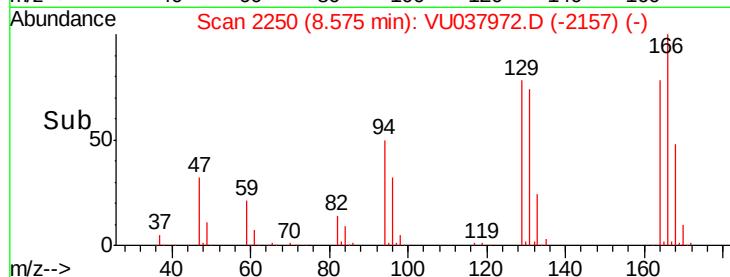


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 4.335 ug/L

RT: 8.71 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VU037972.D

Acq: 01 May 2020 00:28

Tgt Ion: 43 Resp: 33623

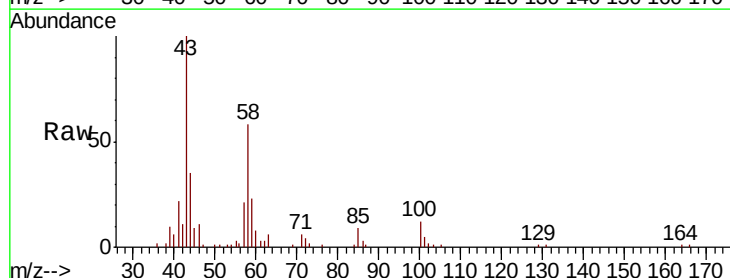
Ion Ratio Lower Upper

43 100

58 52.4 46.4 69.6

57 24.3 16.4 24.6

100 11.0 9.5 14.3

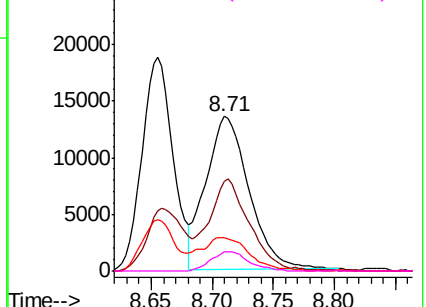
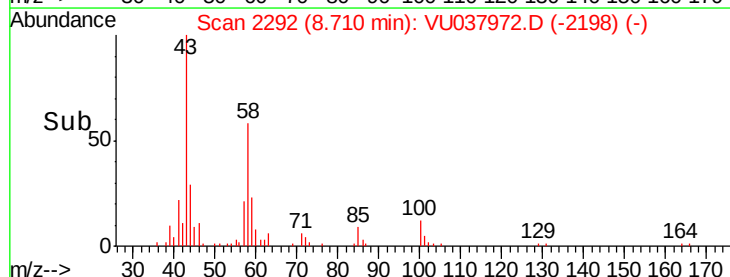


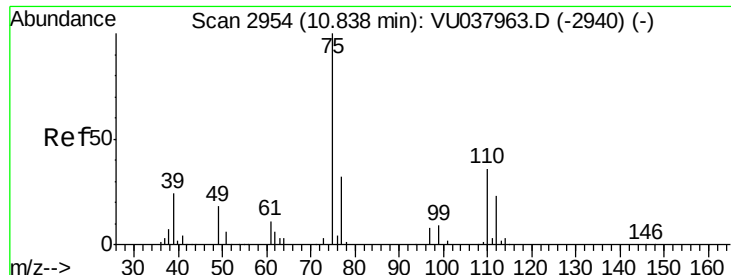
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#59

1,2,3-Trichloropropane

Concen: 5.478 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU037972.D

Acq: 01 May 2020 00:28

Instrument :

MSVOA_U

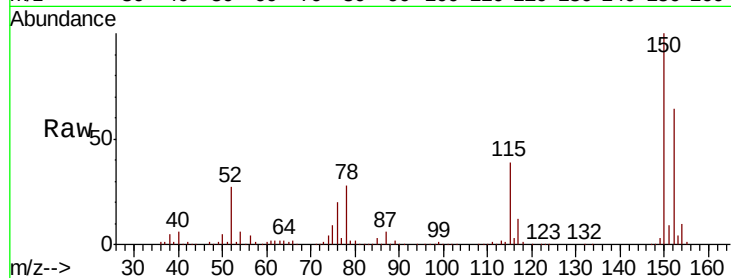
ClientSampleId :

Tot Ion: 75 Resp: 44120

Ion Ratio Lower Upper

75 100

77 34.6 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

