

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030620\
 Data File : VU037115.D
 Acq On : 06 Mar 2020 17:24
 Operator : JC/MD
 Sample : L1784-15 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 07 00:03:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 06 23:54:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	262909	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	249443	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	87472	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	88129	39.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.84%
7) Chloroethane-d5	1.93	69	82074	44.93	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.86%
11) 1,1-Dichloroethene-d2	2.59	63	117358	31.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.48%
21) 2-Butanone-d5	4.67	46	138315	93.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.39%
24) Chloroform-d	5.11	84	151024	44.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.58%
26) 1,2-Dichloroethane-d4	5.74	65	105651	46.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.60%
32) Benzene-d6	5.76	84	326198	45.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.44%
36) 1,2-Dichloropropane-d6	6.72	67	106670	45.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.28%
41) Toluene-d8	7.92	98	285035	42.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.18%
43) trans-1,3-Dichloropropene-	8.20	79	43520	40.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.14%
47) 2-Hexanone-d5	8.66	63	89925	78.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.70%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	144482	43.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.70%
64) 1,2-Dichlorobenzene-d4	12.21	152	81495	47.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.32%

Target Compounds

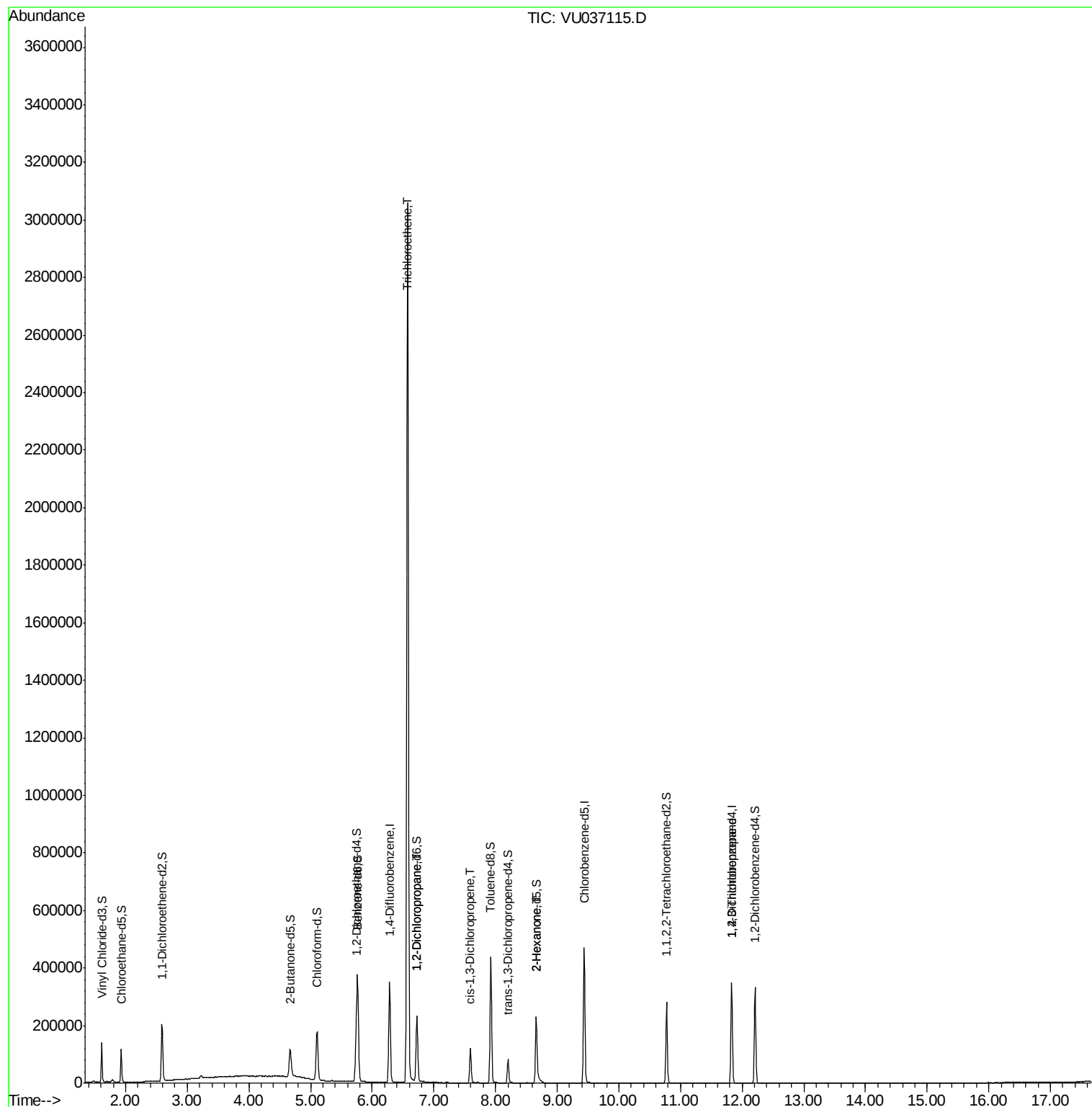
					Ovalue
34) Trichloroethene	6.57	95	1058384	546.447 ug/L	97
37) 1,2-Dichloropropane	6.72	63	12094	5.700 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2645	0.809 ug/L #	54
48) 2-Hexanone	8.66	43	10147	4.067 ug/L #	69
59) 1,2,3-Trichloropropane	11.83	75	13686	5.014 ug/L	95

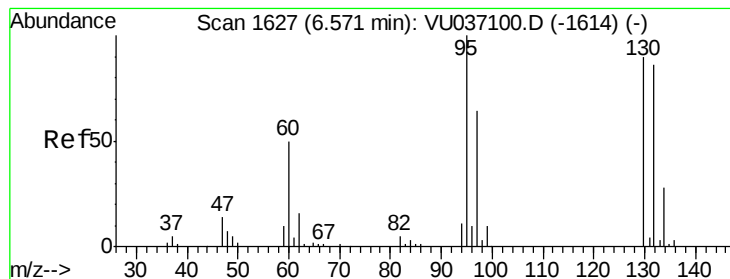
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 546.447 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU037115.D

Acq: 06 Mar 2020 17:24

Instrument :

MSVOA_U

ClientSampled :

Tot Ion: 95 Resp: 1058384

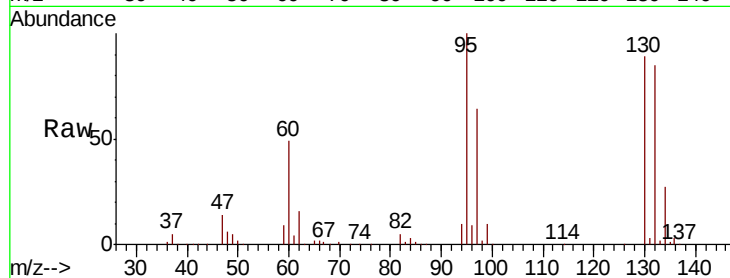
Ion Ratio Lower Upper

95 100

97 64.0 44.1 81.9

132 85.0 60.6 112.6

130 88.7 64.9 120.5

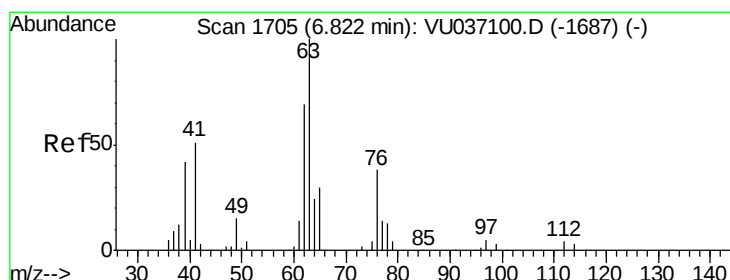
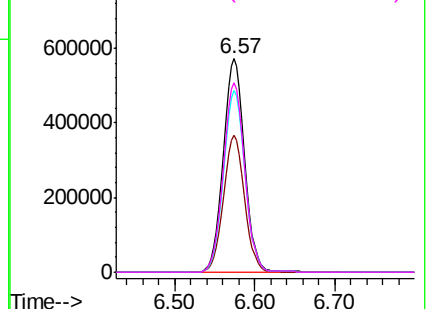
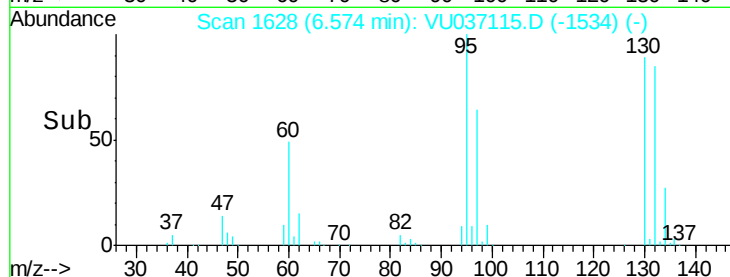


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#37

1,2-Dichloropropane

Concen: 5.700 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU037115.D

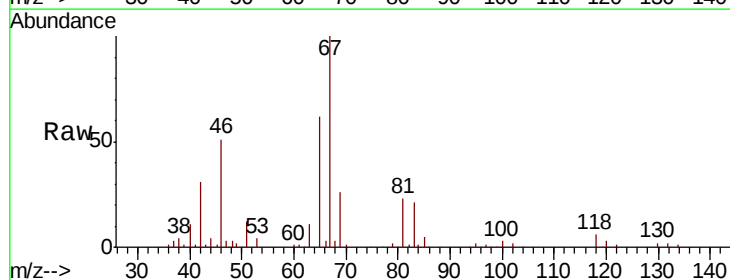
Acq: 06 Mar 2020 17:24

Tgt Ion: 63 Resp: 12094

Ion Ratio Lower Upper

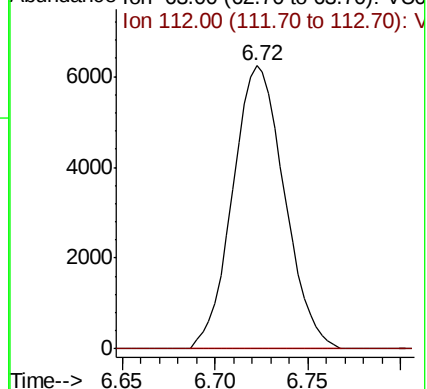
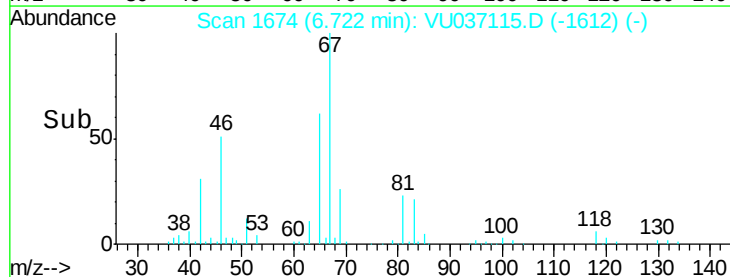
63 100

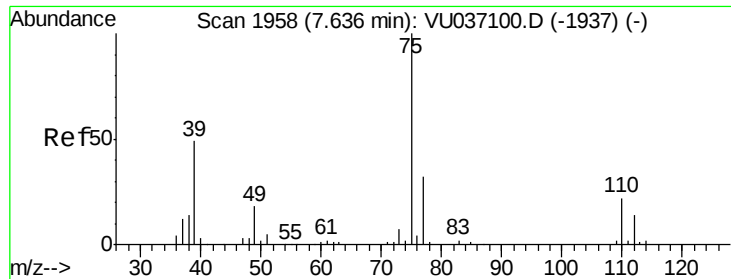
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

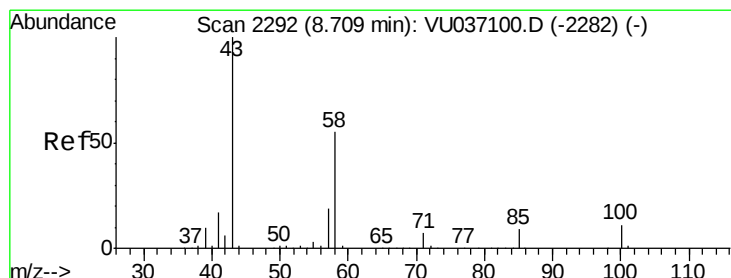
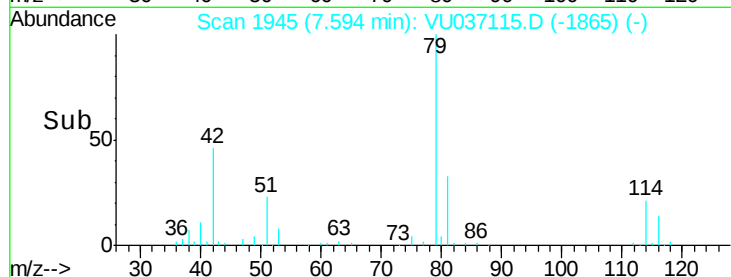
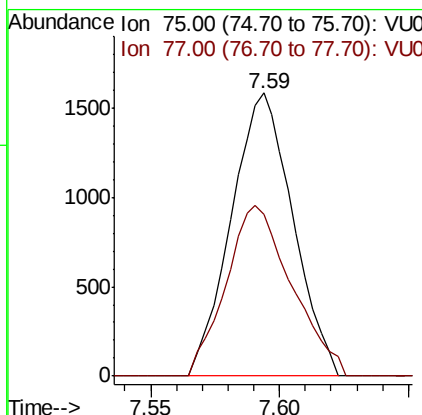
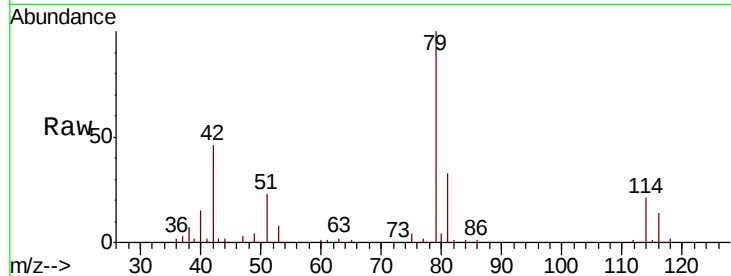




#39
 cis-1,3-Dichloropropene
 Concen: 0.809 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037115.D
 Acq: 06 Mar 2020 17:24

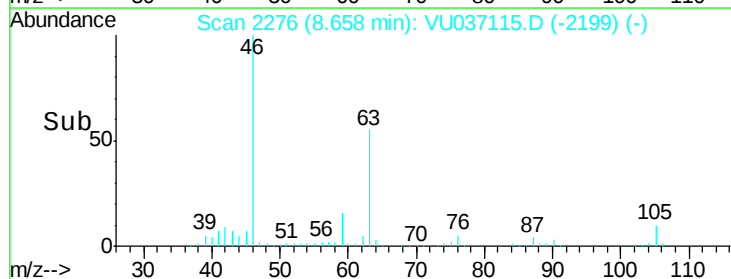
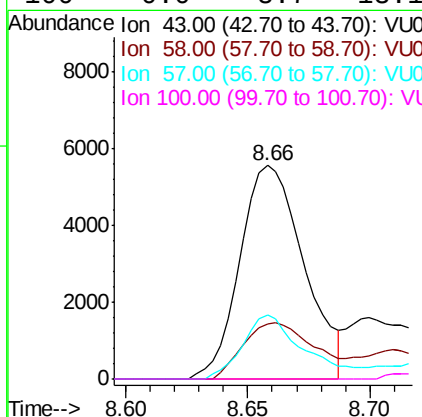
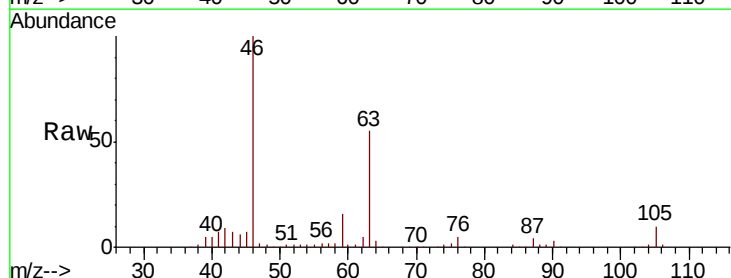
Instrument :
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 ClientSampleId :

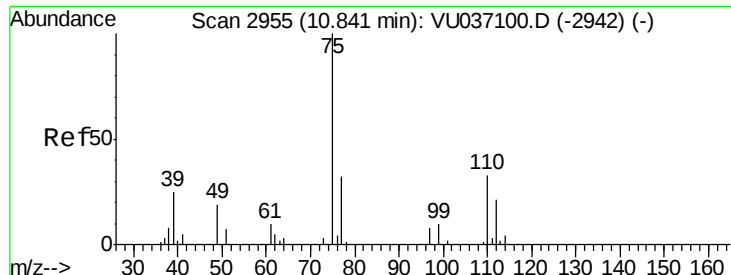
Tot Ion: 75 Resp: 2645
 Ion Ratio Lower Upper
 75 100
 77 57.2 22.0 41.0#



#48
 2-Hexanone
 Concen: 4.067 ug/L
 RT: 8.66 min Scan# 2276
 Delta R.T. -0.05 min
 Lab File: VU037115.D
 Acq: 06 Mar 2020 17:24

Tgt Ion: 43 Resp: 10147
 Ion Ratio Lower Upper
 43 100
 58 29.5 43.5 65.3#
 57 29.3 15.1 22.7#
 100 0.0 8.7 13.1#





#59

1,2,3-Trichloropropane

Concen: 5.014 ug/L

RT: 11.83 min Scan# 3263

Delta R.T. 0.99 min

Lab File: VU037115.D

Acq: 06 Mar 2020 17:24

Instrument :

MSVOA_U

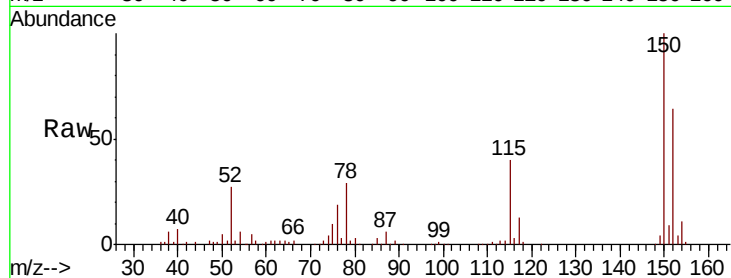
ClientSampleId :

Tot Ion: 75 Resp: 13686

Ion Ratio Lower Upper

75 100

77 35.3 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

