

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030320\
 Data File : VU037023.D
 Acq On : 03 Mar 2020 15:00
 Operator : JC/MD
 Sample : L1729-20DL 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 04 06:55:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 04 06:53:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	268789	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	255644	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	90701	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	104637	46.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.72%
7) Chloroethane-d5	1.93	69	98433	52.70	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.40%
11) 1,1-Dichloroethene-d2	2.59	63	135477	35.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.68%
21) 2-Butanone-d5	4.67	46	158627	104.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.77%
24) Chloroform-d	5.11	84	174001	50.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.96%
26) 1,2-Dichloroethane-d4	5.74	65	120261	51.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.12%
32) Benzene-d6	5.76	84	376324	50.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.80%
36) 1,2-Dichloropropane-d6	6.72	67	124557	52.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.02%
41) Toluene-d8	7.92	98	336635	49.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.16%
43) trans-1,3-Dichloropropene-	8.20	79	49694	44.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.30%
47) 2-Hexanone-d5	8.66	63	108521	92.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.67%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	167297	49.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.08%
64) 1,2-Dichlorobenzene-d4	12.21	152	95477	53.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.70%

Target Compounds

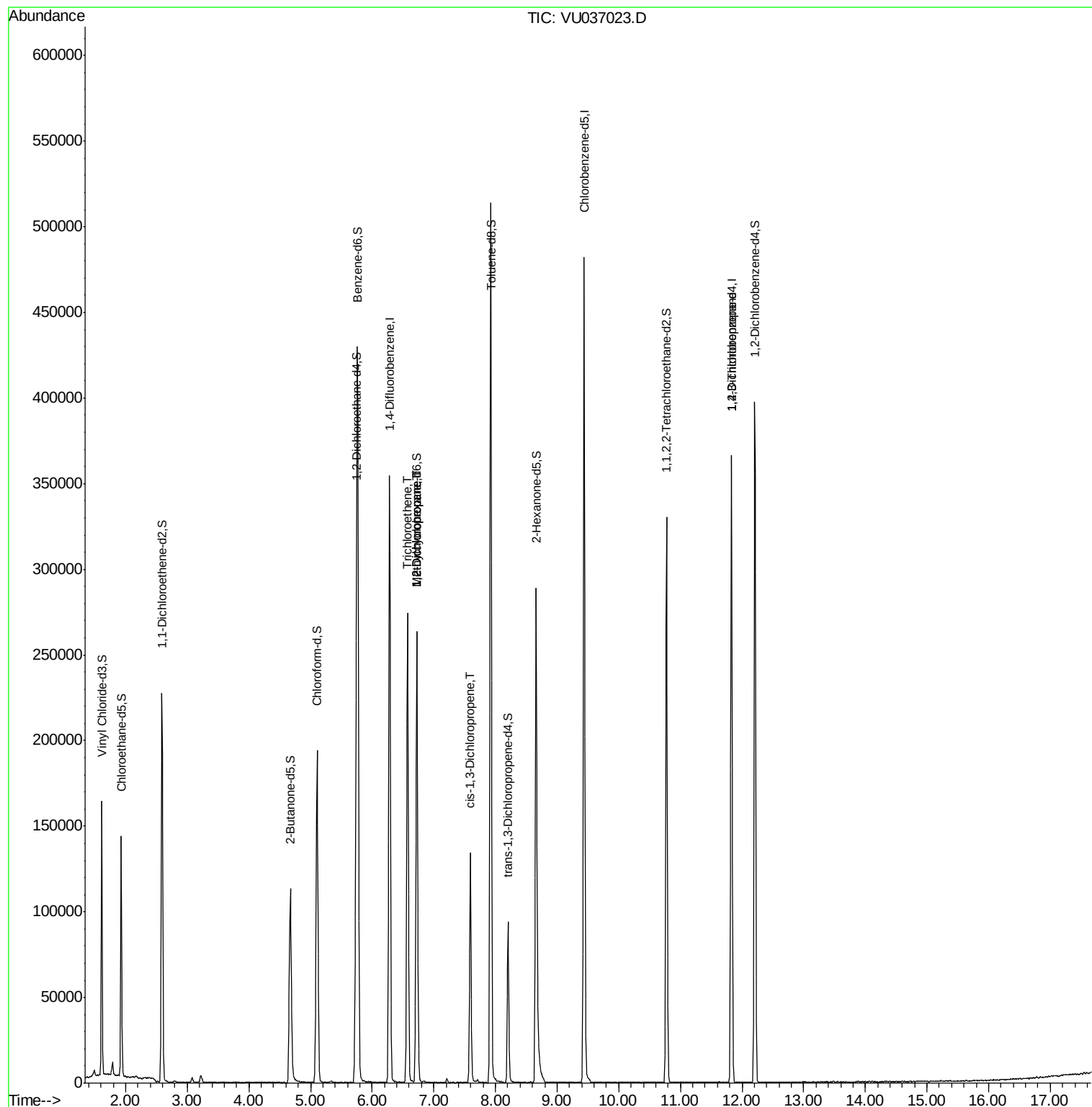
					Ovalue
34) Trichloroethene	6.57	95	92995	46.849 ug/L	99
35) Methylcyclohexane	6.72	83	27330	7.941 ug/L #	19
37) 1,2-Dichloropropane	6.72	63	13535	6.224 ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	3123	0.932 ug/L #	52
59) 1,2,3-Trichloropropane	11.83	75	13692	4.895 ug/L	92

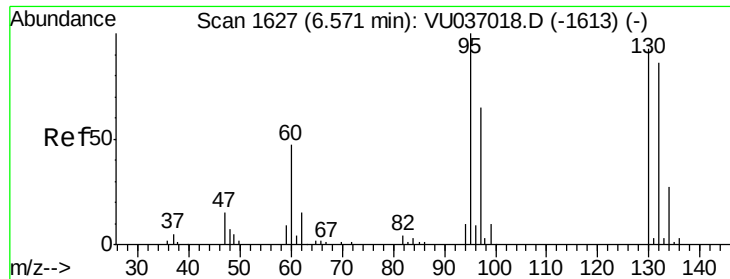
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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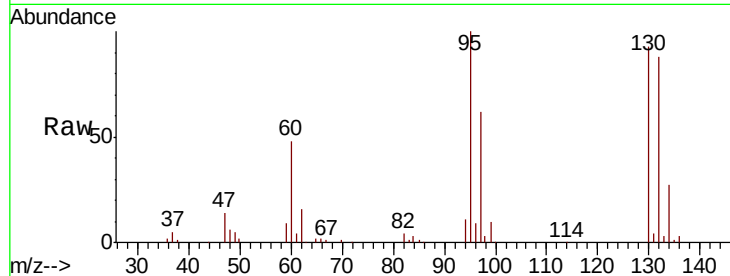




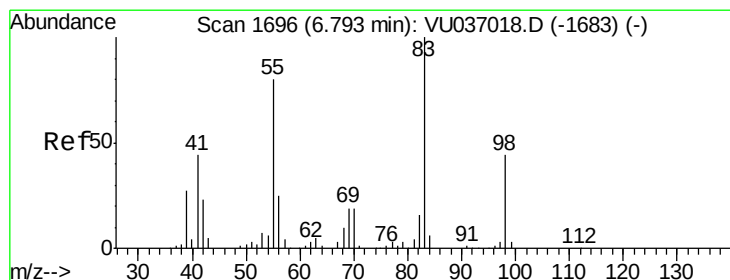
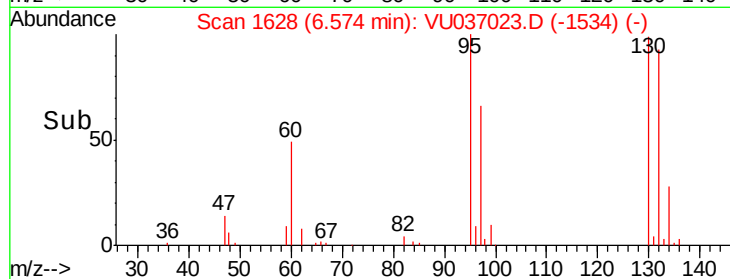
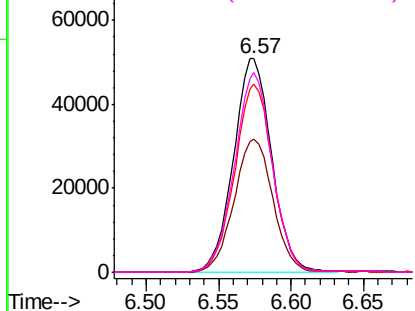
#34
 Trichloroethene
 Concen: 46.849 ug/L
 RT: 6.57 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: VU037023.D
 Acq: 03 Mar 2020 15:00

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 95 Resp: 92995
 Ion Ratio Lower Upper
 95 100
 97 62.5 44.1 81.9
 132 87.9 60.6 112.6
 130 93.4 64.9 120.5

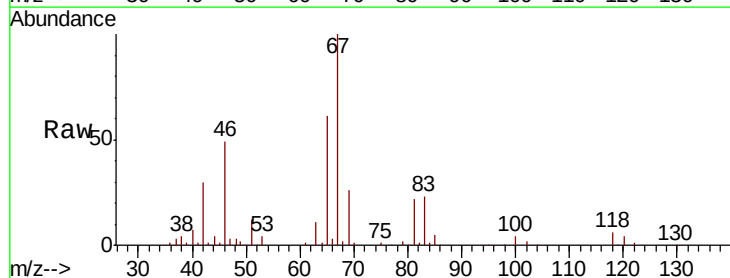


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

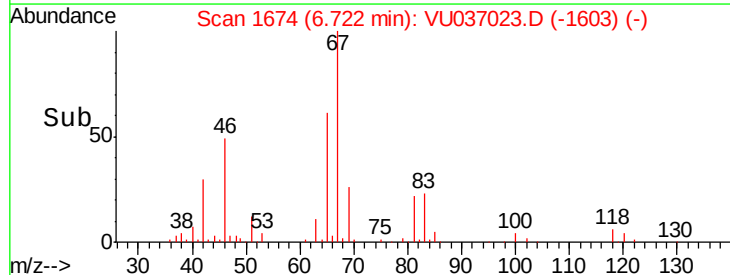
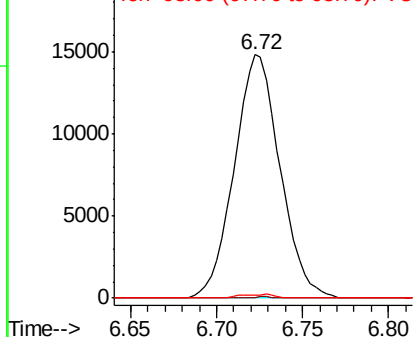


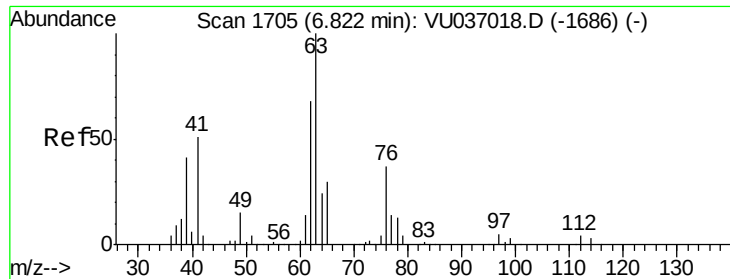
#35
 Methylcyclohexane
 Concen: 7.941 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.07 min
 Lab File: VU037023.D
 Acq: 03 Mar 2020 15:00

Tgt Ion: 83 Resp: 27330
 Ion Ratio Lower Upper
 83 100
 55 0.2 62.6 93.8#
 98 0.7 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

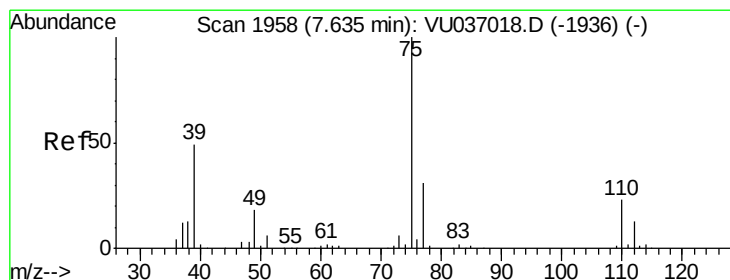
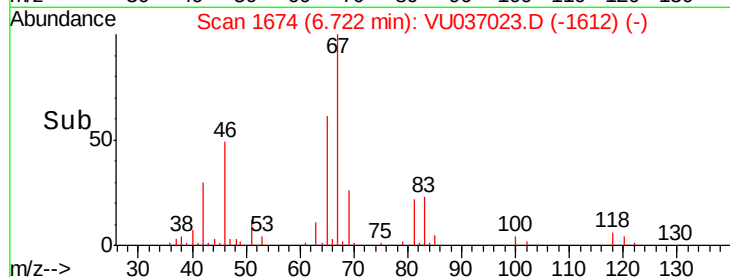
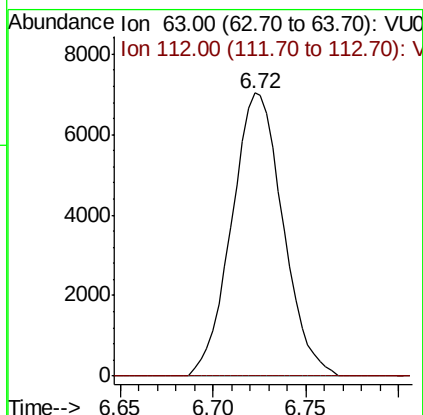
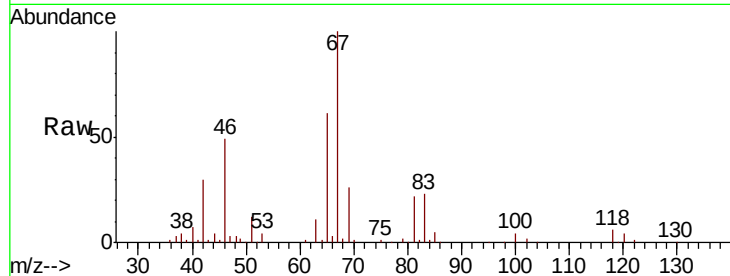




#37
 1,2-Dichloropropane
 Concen: 6.224 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU037023.D
 Acq: 03 Mar 2020 15:00

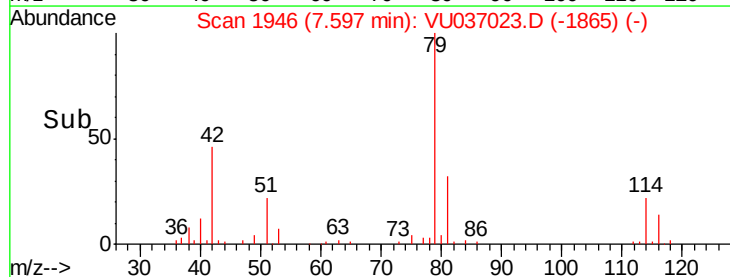
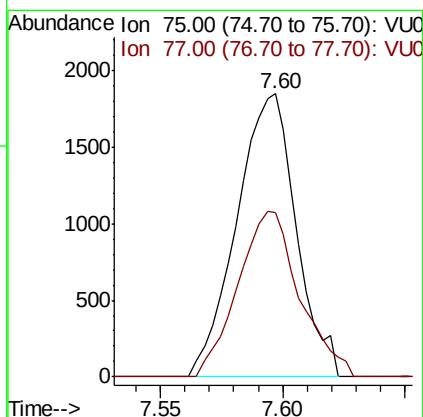
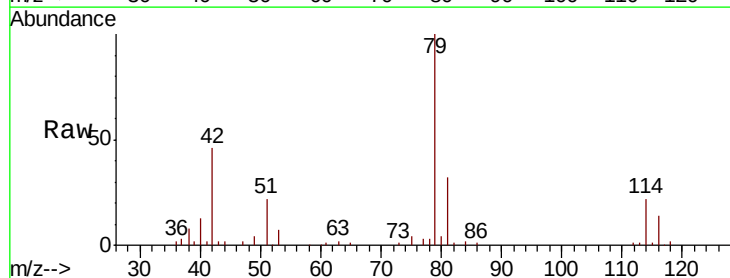
Instrument :
 MSVOA_U
 ClientSampleId :

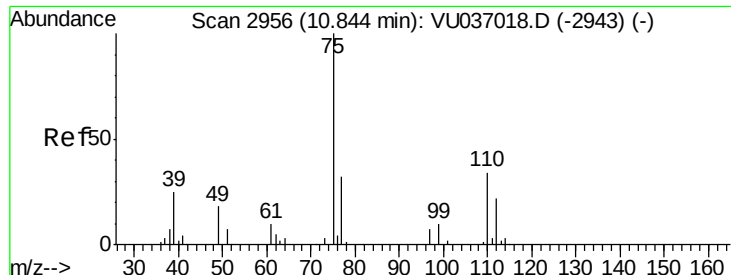
Tot Ion: 63 Resp: 13535
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.932 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.04 min
 Lab File: VU037023.D
 Acq: 03 Mar 2020 15:00

Tgt Ion: 75 Resp: 3123
 Ion Ratio Lower Upper
 75 100
 77 58.1 22.0 41.0#





#59

1,2,3-Trichloropropane

Concen: 4.895 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037023.D

Acq: 03 Mar 2020 15:00

Instrument :

MSVOA_U

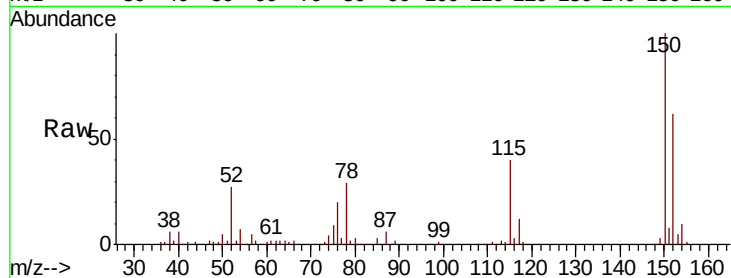
ClientSampleId :

Tot Ion: 75 Resp: 13692

Ion Ratio Lower Upper

75 100

77 37.0 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

