

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U061320\
 Data File : VU038853.D
 Acq On : 12 Jun 2020 15:55
 Operator : SY/MD
 Sample : L2985-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 13 00:59:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 13 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	268738	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	268223	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	125515	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	67554	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.93	69	64632	5.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.80%
11) 1,1-Dichloroethene-d2	2.59	63	113292	3.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.00%
20) 2-Butanone-d5	4.68	46	312776	68.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	136.08%#
24) Chloroform-d	5.10	84	171171	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
26) 1,2-Dichloroethane-d4	5.74	65	102750	5.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.00%
32) Benzene-d6	5.76	84	332218	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
36) 1,2-Dichloropropane-d6	6.72	67	106284	5.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.40%
41) Toluene-d8	7.92	98	260822	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	8.20	79	38363	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.65	63	262803	71.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	142.06%#
57) 1,1,2,2-Tetrachloroethane-	10.77	84	98572	6.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.20%#
64) 1,2-Dichlorobenzene-d4	12.20	152	111312	5.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.00%

Target Compounds

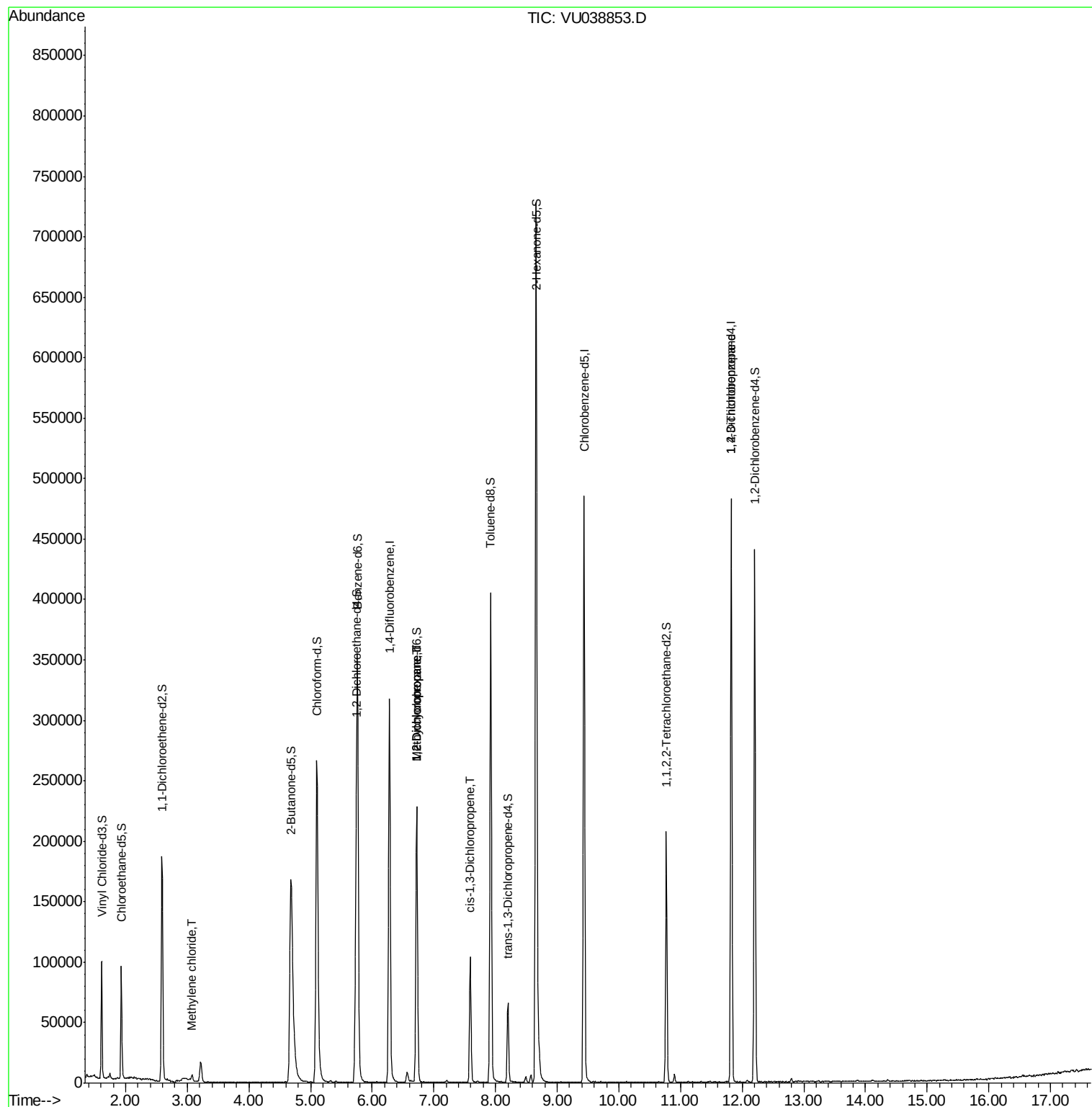
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.08	84	1965	0.091	ug/L	94
35) Methylcyclohexane	6.72	83	26061	0.792	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	11644	0.570	ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	2631	0.087	ug/L #	68
59) 1,2,3-Trichloropropane	11.82	75	14972	0.989	ug/L #	87

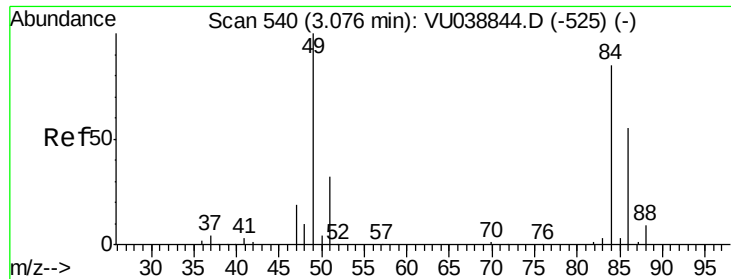
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 13 00:56:28 2020
Response via : Initial Calibration

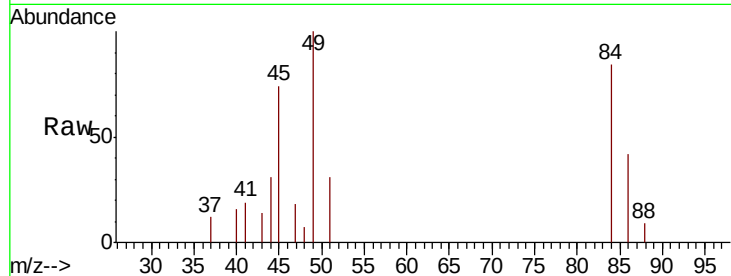




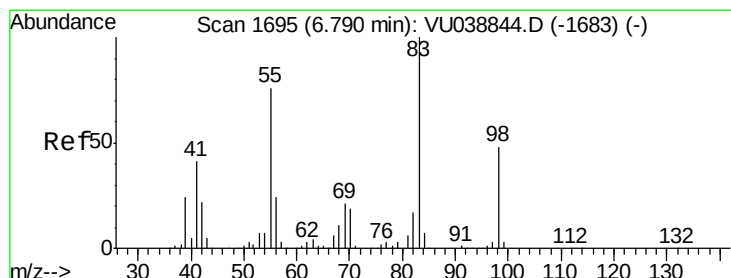
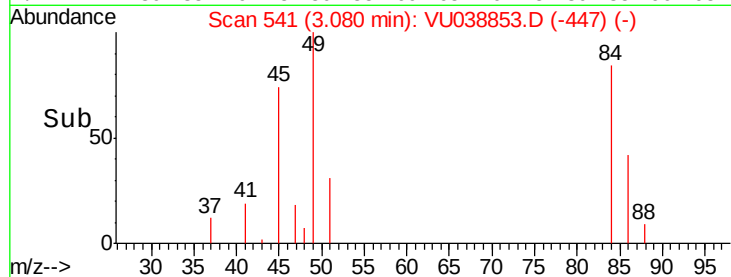
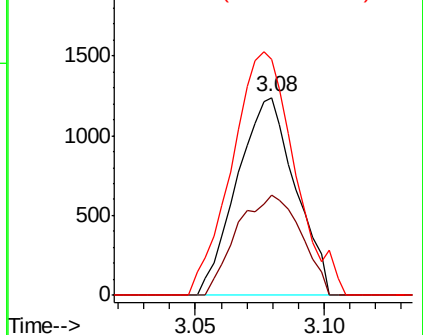
#16
Methylene chloride
Concen: 0.091 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU038853.D
Acq: 12 Jun 2020 15:55

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 84 Resp: 1965
Ion Ratio Lower Upper
84 100
86 50.3 43.0 80.0
49 119.0 85.0 157.8

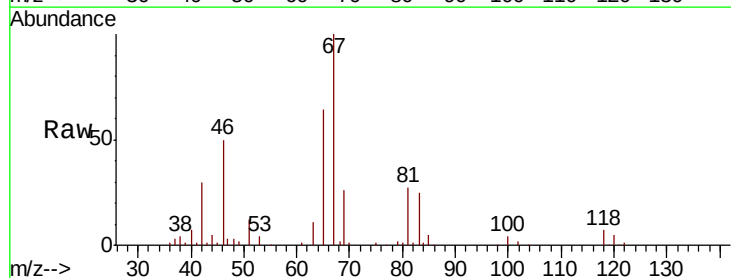


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

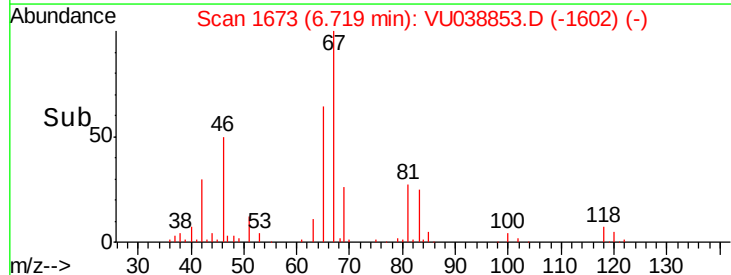
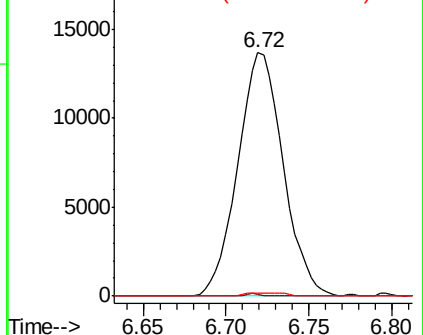


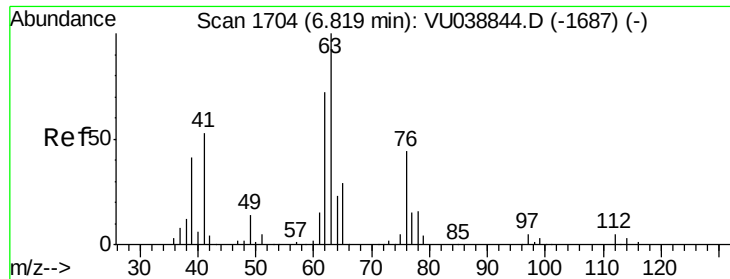
#35
Methylcyclohexane
Concen: 0.792 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038853.D
Acq: 12 Jun 2020 15:55

Tgt Ion: 83 Resp: 26061
Ion Ratio Lower Upper
83 100
55 0.3 64.2 96.2#
98 0.6 40.5 60.7#



Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

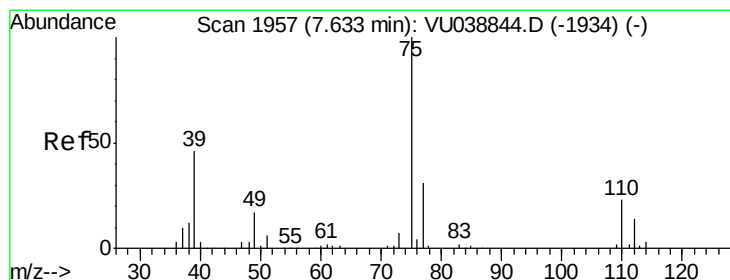
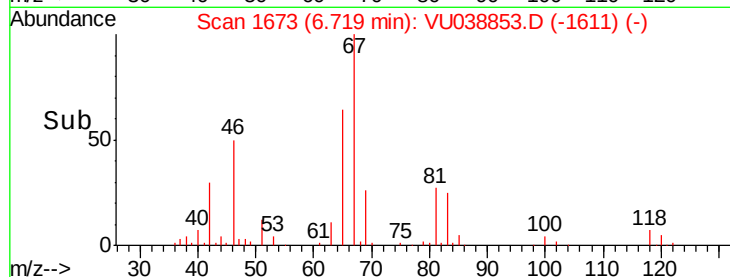
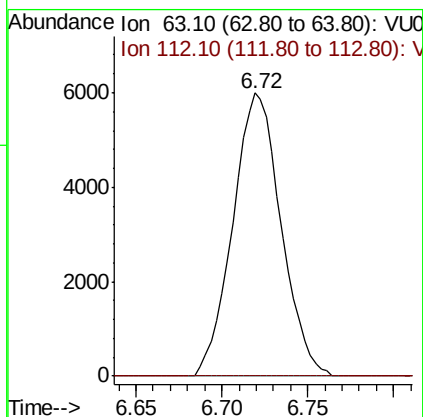
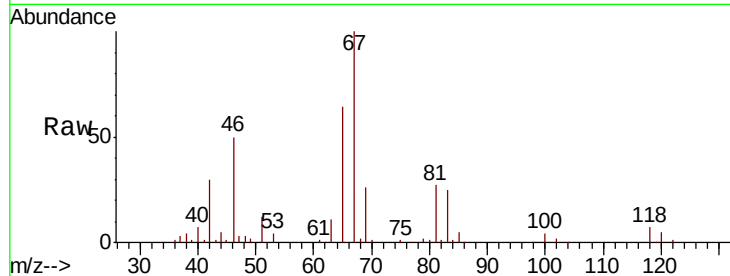




#37
 1,2-Dichloropropane
 Concen: 0.570 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU038853.D
 Acq: 12 Jun 2020 15:55

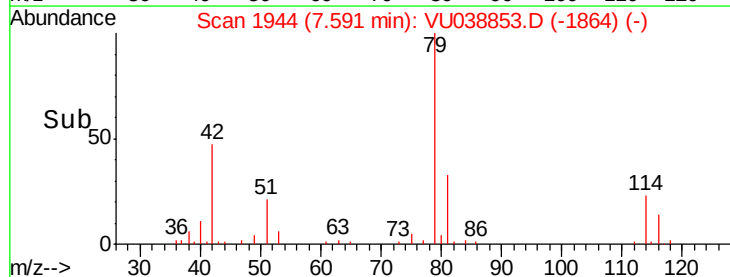
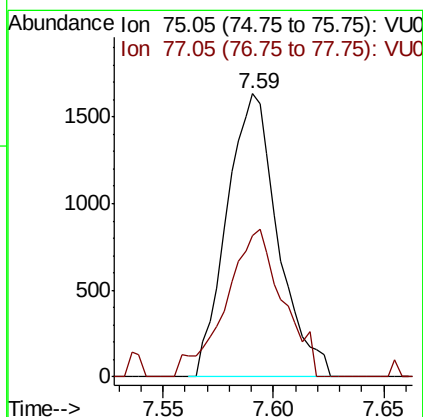
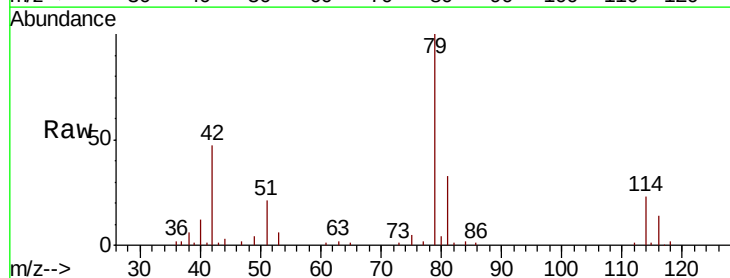
Instrument :
 MSVOA_U
 ClientSampleId :

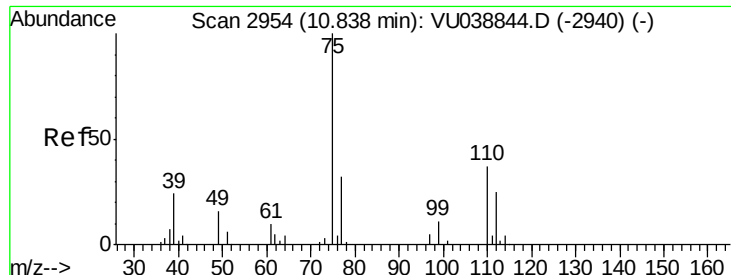
Tot Ion: 63 Resp: 11644
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.087 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038853.D
 Acq: 12 Jun 2020 15:55

Tgt Ion: 75 Resp: 2631
 Ion Ratio Lower Upper
 75 100
 77 50.0 22.4 41.6#





#59

1,2,3-Trichloropropane

Concen: 0.989 ug/L

RT: 11.82 min Scan# 3259

Delta R.T. 0.98 min

Lab File: VU038853.D

Acq: 12 Jun 2020 15:55

Instrument :

MSVOA_U

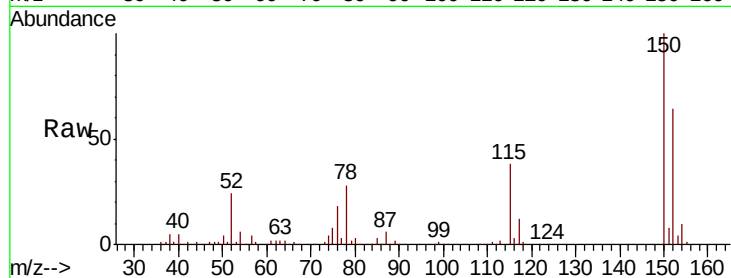
ClientSampleId :

Tot Ion: 75 Resp: 14972

Ion Ratio Lower Upper

75 100

77 39.6 25.8 38.8#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

