

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030220\
 Data File : VU036999.D
 Acq On : 02 Mar 2020 15:18
 Operator : JC/MD
 Sample : L1732-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 03 03:24:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 03 03:21:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	269135	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	257618	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	94402	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	90579	40.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.16%
7) Chloroethane-d5	1.93	69	85683	45.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.64%
11) 1,1-Dichloroethene-d2	2.59	63	121811	32.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.36%
21) 2-Butanone-d5	4.67	46	169266	111.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.65%
24) Chloroform-d	5.11	84	172359	49.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.88%
26) 1,2-Dichloroethane-d4	5.74	65	119340	51.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.18%
32) Benzene-d6	5.76	84	370852	49.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.56%
36) 1,2-Dichloropropane-d6	6.72	67	123651	51.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.46%
41) Toluene-d8	7.93	98	335318	48.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.04%
43) trans-1,3-Dichloropropene-	8.20	79	53984	48.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.26%
47) 2-Hexanone-d5	8.66	63	124424	105.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.43%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	176912	51.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.98%
64) 1,2-Dichlorobenzene-d4	12.21	152	102698	55.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.30%

Target Compounds

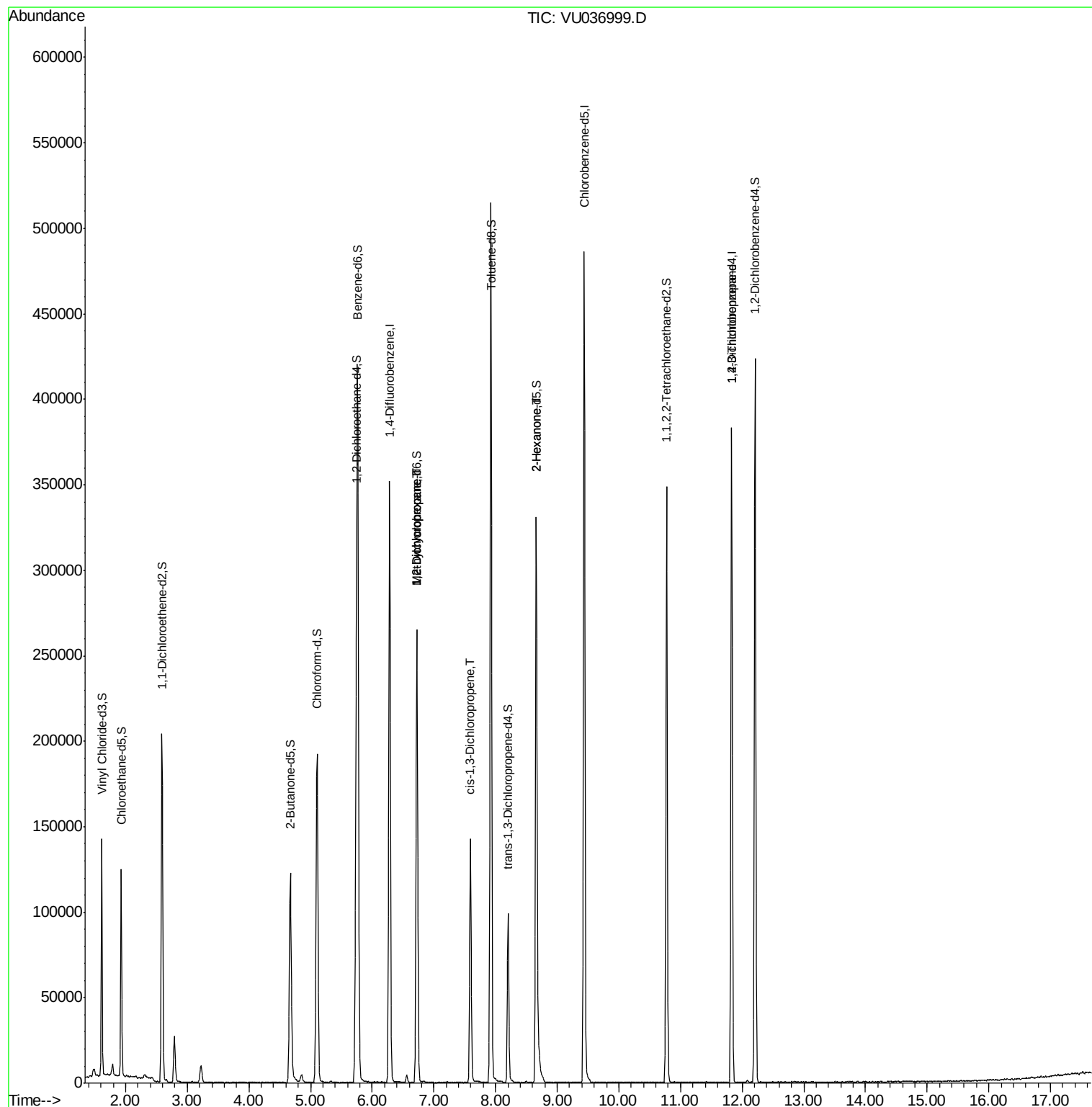
					Ovalue
35) Methylcyclohexane	6.72	83	27551	7.944 ug/L #	19
37) 1,2-Dichloropropane	6.72	63	13762	6.280 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3314	0.982 ug/L #	49
48) 2-Hexanone	8.66	43	14256	5.533 ug/L #	74
59) 1,2,3-Trichloropropane	11.83	75	14385	5.103 ug/L	96

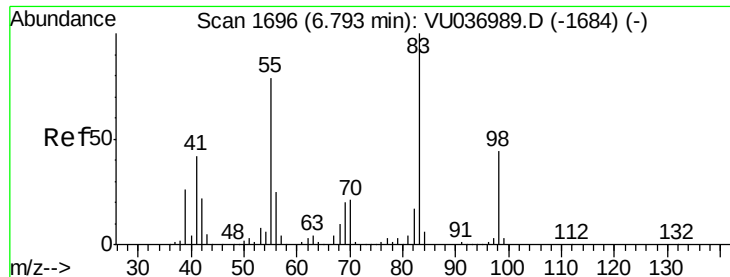
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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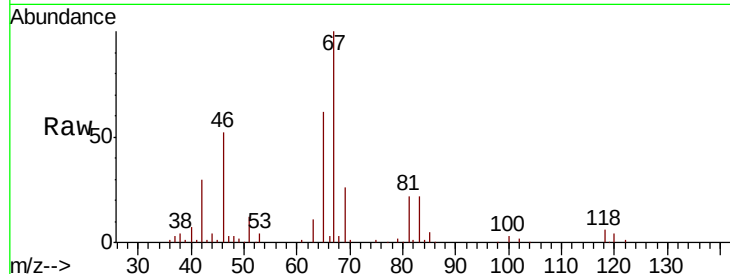




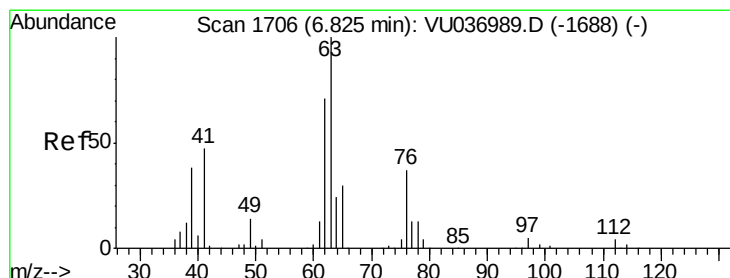
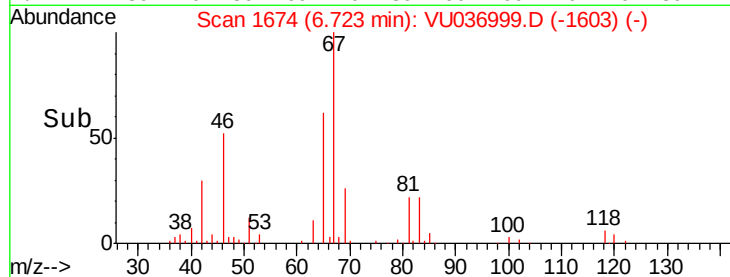
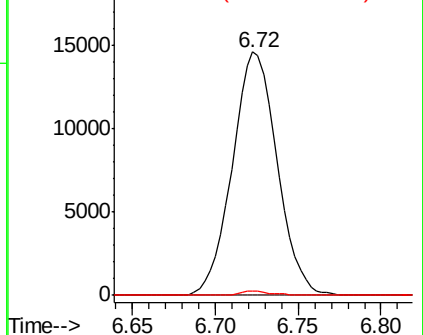
#35
Methylvlcyclohexane
Concen: 7.944 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU036999.D
Acq: 02 Mar 2020 15:18

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 27551
Ion Ratio Lower Upper
83 100
55 0.0 62.6 93.8#
98 1.1 35.1 52.7#

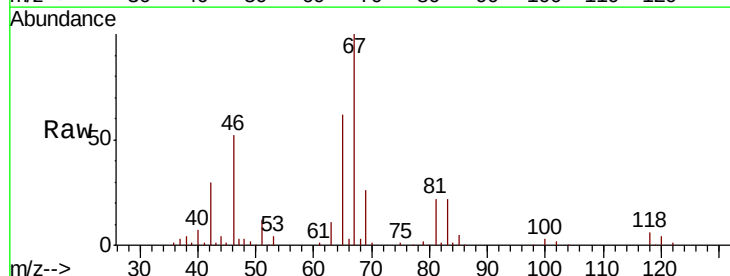


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

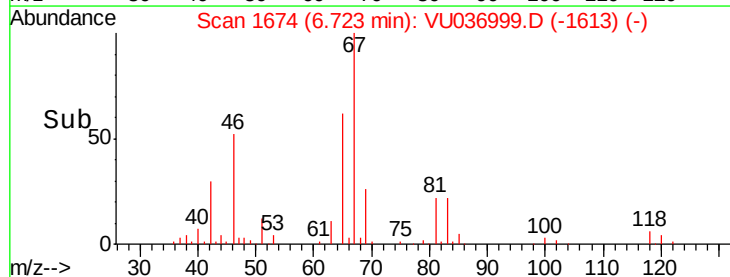
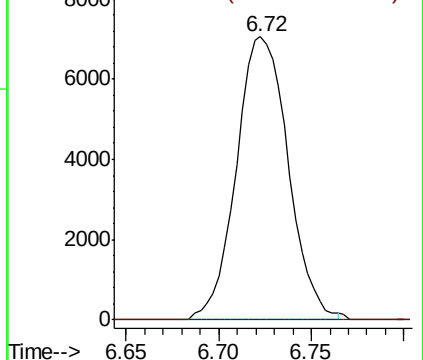


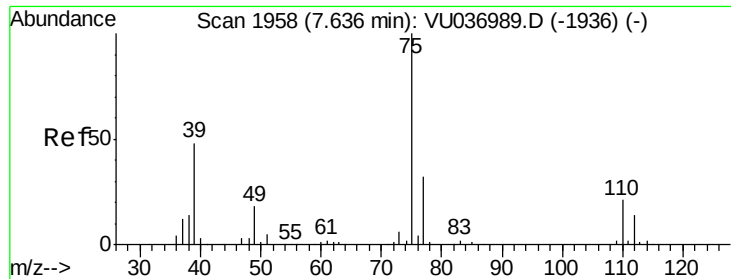
#37
1,2-Dichloropropane
Concen: 6.280 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU036999.D
Acq: 02 Mar 2020 15:18

Tgt Ion: 63 Resp: 13762
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

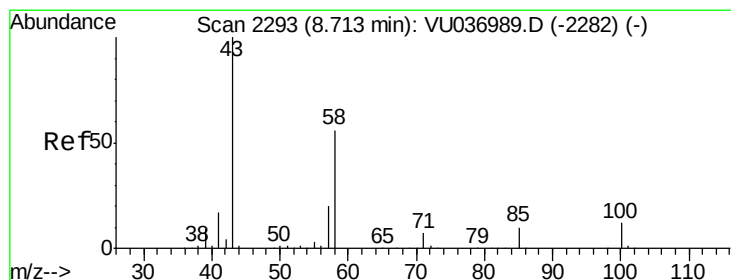
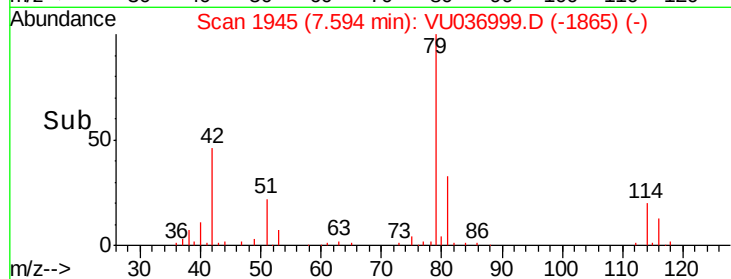
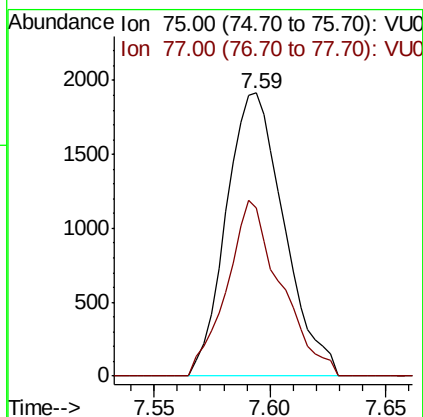
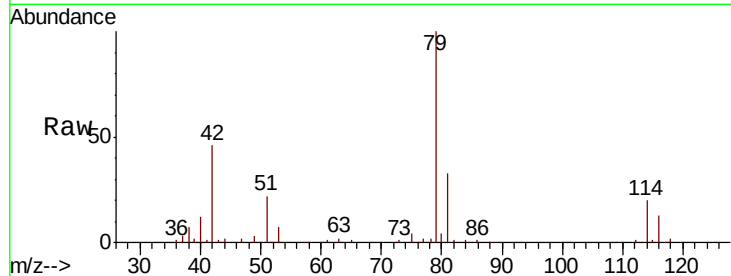




#39
 cis-1,3-Dichloropropene
 Concen: 0.982 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU036999.D
 Acq: 02 Mar 2020 15:18

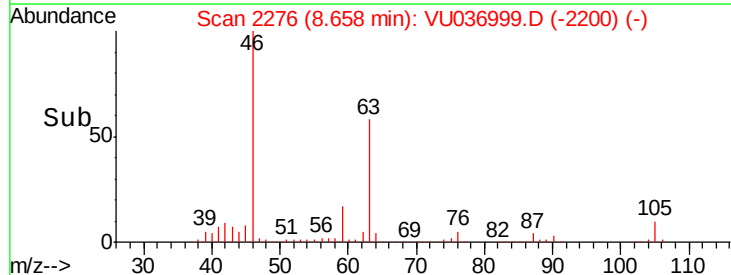
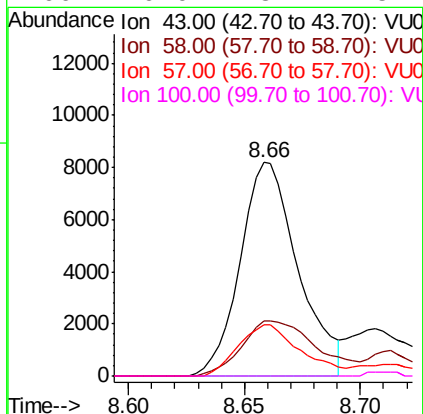
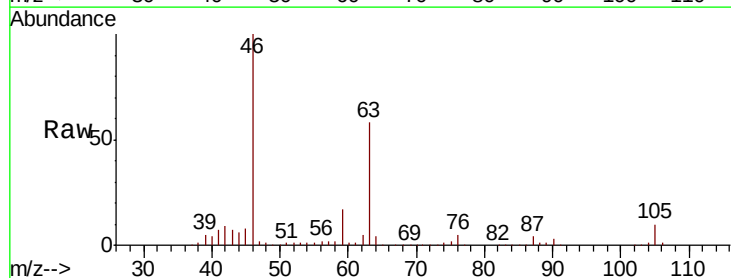
Instrument :
 MSVOA_U
 ClientSampleId :

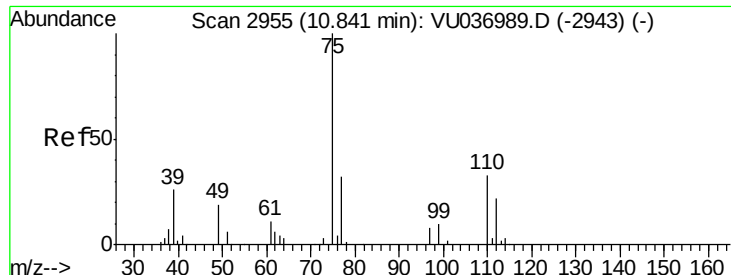
Tot Ion: 75 Resp: 3314
 Ion Ratio Lower Upper
 75 100
 77 59.5 22.0 41.0#



#48
 2-Hexanone
 Concen: 5.533 ug/L
 RT: 8.66 min Scan# 2276
 Delta R.T. -0.05 min
 Lab File: VU036999.D
 Acq: 02 Mar 2020 15:18

Tgt Ion: 43 Resp: 14256
 Ion Ratio Lower Upper
 43 100
 58 33.6 43.5 65.3#
 57 25.6 15.1 22.7#
 100 0.0 8.7 13.1#





#59

1,2,3-Trichloropropane

Concen: 5.103 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.99 min

Lab File: VU036999.D

Acq: 02 Mar 2020 15:18

Instrument :

MSVOA_U

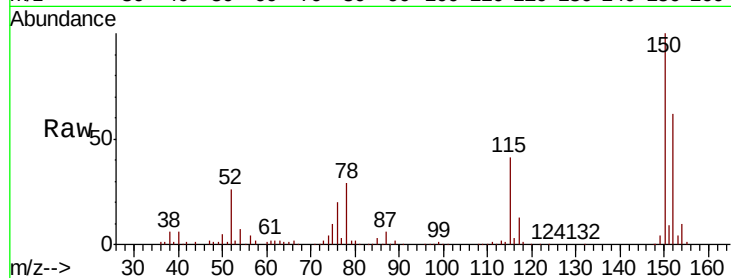
ClientSampleId :

Tot Ion: 75 Resp: 14385

Ion Ratio Lower Upper

75 100

77 34.9 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

