

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072420\
 Data File : VU039664.D
 Acq On : 24 Jul 2020 15:27
 Operator : SY/MD
 Sample : L3388-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 25 06:50:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 25 06:47:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	269711	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	260106	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	121251	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	55318	31.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.00%
7) Chloroethane-d5	1.92	69	60304	28.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	57.32%#
11) 1,1-Dichloroethene-d2	2.58	63	95061	25.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.16%#
21) 2-Butanone-d5	4.65	46	150423	74.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	74.21%
24) Chloroform-d	5.09	84	142791	36.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.32%
26) 1,2-Dichloroethane-d4	5.72	65	105297	37.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.62%
32) Benzene-d6	5.75	84	269849	37.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.72%
36) 1,2-Dichloropropane-d6	6.71	67	91009	38.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	76.86%
41) Toluene-d8	7.91	98	244840	36.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.06%#
43) trans-1,3-Dichloropropene-	8.19	79	43263	36.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.38%
47) 2-Hexanone-d5	8.64	63	95495	73.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.91%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	134906	35.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	71.94%
64) 1,2-Dichlorobenzene-d4	12.19	152	98195	37.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.06%#

Target Compounds

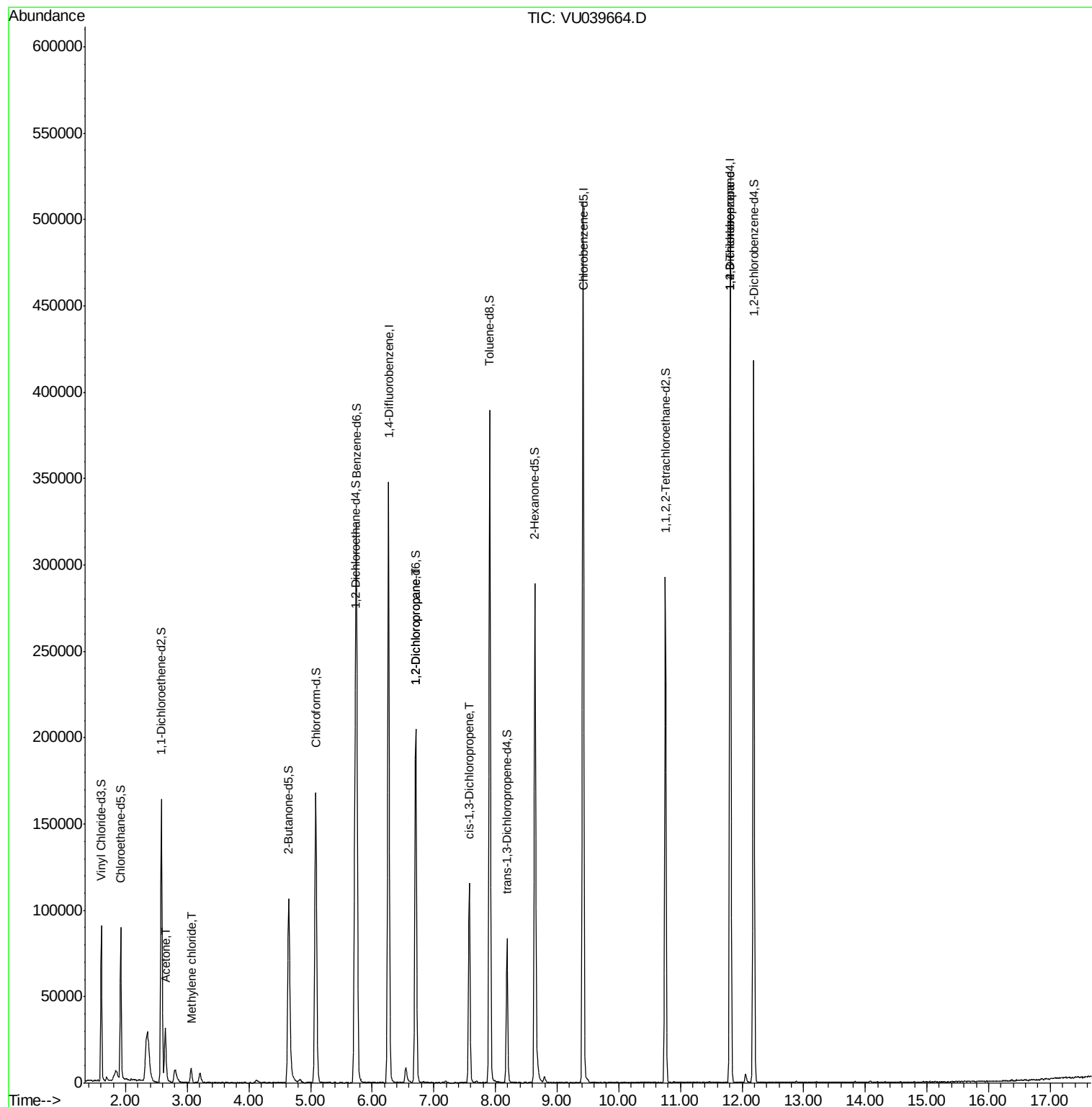
					Ovalue
13) Acetone	2.65	43	37367	27.700	ug/L 99
16) Methylene chloride	3.06	84	3527	1.914	ug/L 90
37) 1,2-Dichloropropane	6.70	63	11209	5.775	ug/L # 89
39) cis-1,3-Dichloropropene	7.58	75	3449	1.189	ug/L # 76
59) 1,2,3-Trichloropropane	11.81	75	16994	6.034	ug/L # 84

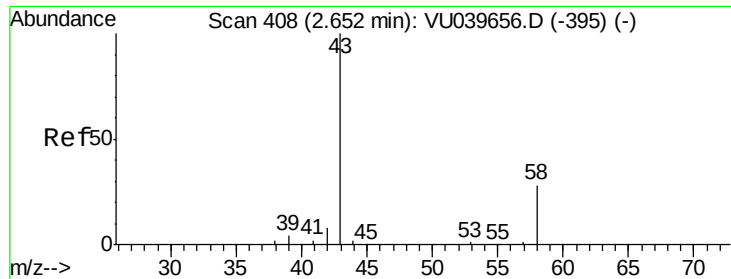
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 25 06:47:25 2020
Response via : Initial Calibration





#13

Acetone

Concen: 27.700 ug/L

RT: 2.65 min Scan# 406

Delta R.T. -0.01 min

Lab File: VU039664.D

Acq: 24 Jul 2020 15:27

Instrument :

MSVOA_U

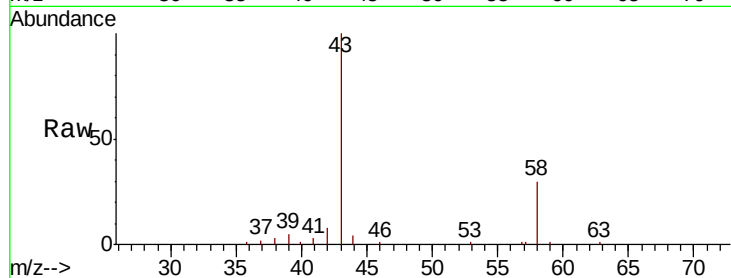
ClientSampled :

Tot Ion: 43 Resp: 37367

Ion Ratio Lower Upper

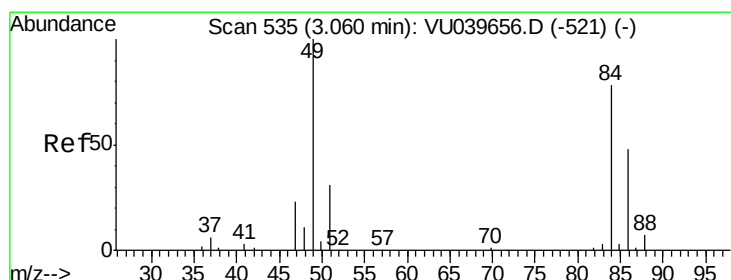
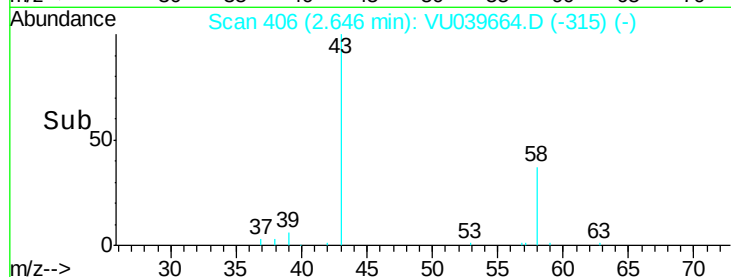
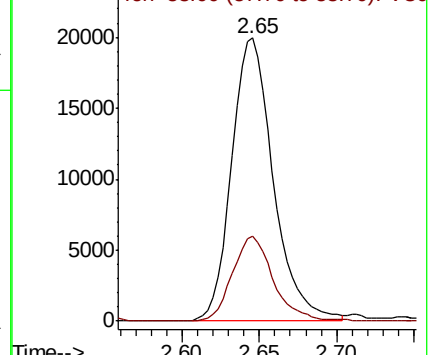
43 100

58 29.1 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#16

Methylene chloride

Concen: 1.914 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU039664.D

Acq: 24 Jul 2020 15:27

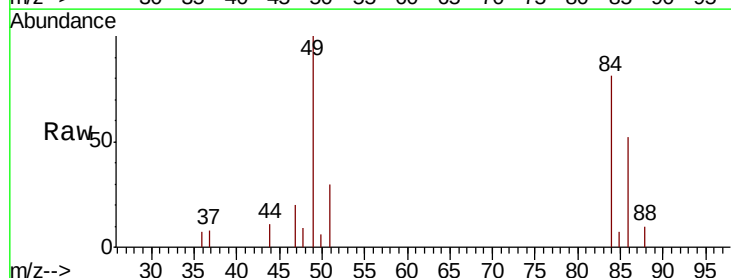
Tgt Ion: 84 Resp: 3527

Ion Ratio Lower Upper

84 100

86 63.8 46.2 85.8

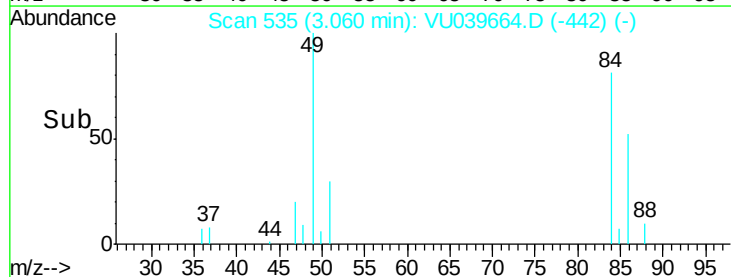
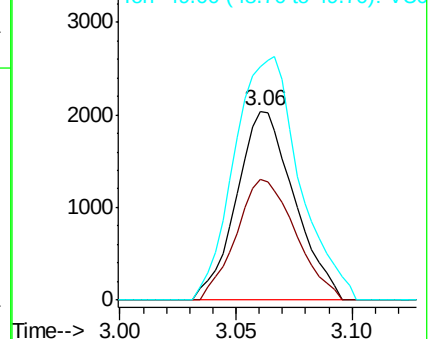
49 123.4 97.3 180.7

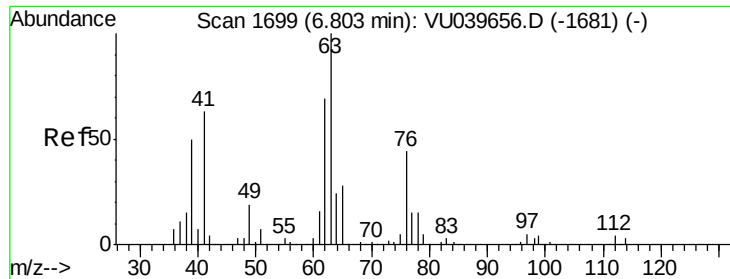


Abundance Ion 84.00 (83.70 to 84.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.00 (48.70 to 49.70): VU0

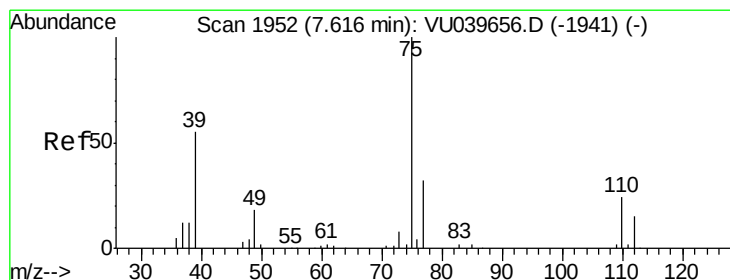
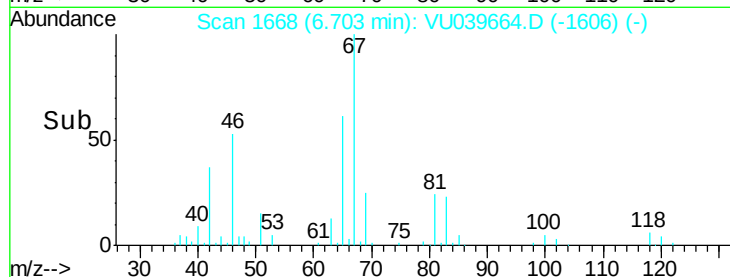
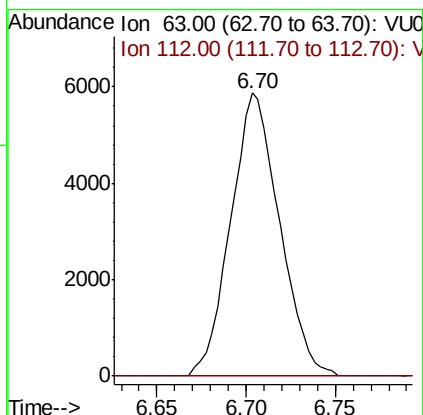
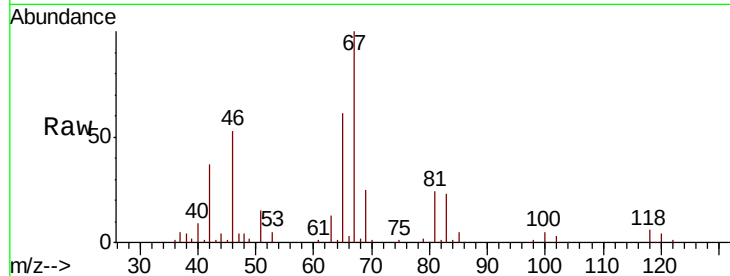




#37
 1,2-Dichloropropane
 Concen: 5.775 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU039664.D
 Acq: 24 Jul 2020 15:27

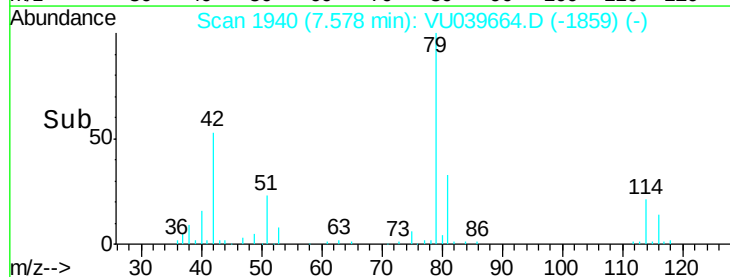
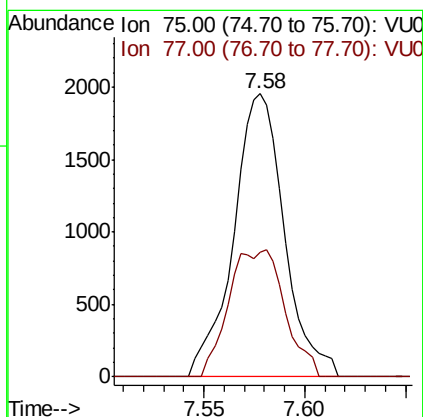
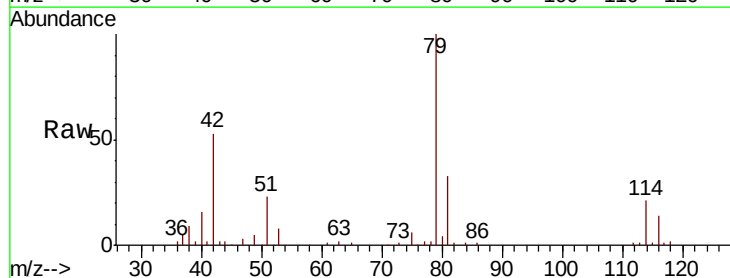
Instrument :
 MSVOA_U
 ClientSampleId :

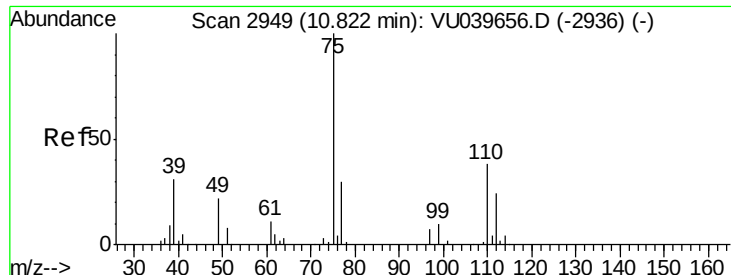
Tot Ion: 63 Resp: 11209
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#39
 cis-1,3-Dichloropropene
 Concen: 1.189 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU039664.D
 Acq: 24 Jul 2020 15:27

Tgt Ion: 75 Resp: 3449
 Ion Ratio Lower Upper
 75 100
 77 44.2 21.8 40.6#





#59

1,2,3-Trichloropropane

Concen: 6.034 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU039664.D

Acq: 24 Jul 2020 15:27

Instrument :

MSVOA_U

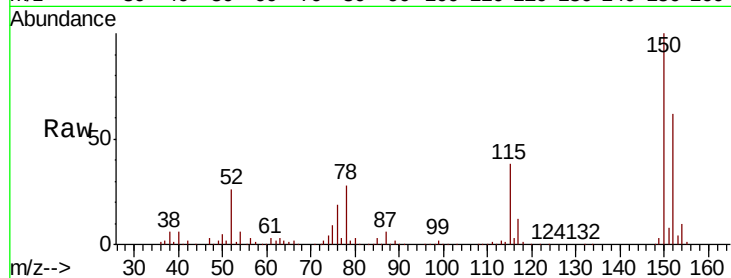
ClientSampleId :

Tot Ion: 75 Resp: 16994

Ion Ratio Lower Upper

75 100

77 40.9 25.4 38.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

