

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080819\
 Data File : VU033684.D
 Acq On : 09 Aug 2019 10:17
 Operator : JC/SP
 Sample : K4202-21
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 09 14:42:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 09 14:36:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	308781	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	308315	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	147532	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	136534	39.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.34%
7) Chloroethane-d5	1.67	69	119914	40.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.28%
11) 1,1-Dichloroethene-d2	2.26	63	183971	32.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.30%
21) 2-Butanone-d5	4.15	46	205573	80.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.53%
24) Chloroform-d	4.62	84	206809	35.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.60%
26) 1,2-Dichloroethane-d4	5.29	65	153295	41.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.30%
32) Benzene-d6	5.32	84	482781	41.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.98%
36) 1,2-Dichloropropane-d6	6.31	67	155606	42.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.14%
41) Toluene-d8	7.55	98	437980	41.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.40%
43) trans-1,3-Dichloropropene-	7.83	79	73195	40.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.82%
47) 2-Hexanone-d5	8.29	63	157259	85.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.92%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	230250	40.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.52%
64) 1,2-Dichlorobenzene-d4	11.85	152	176870	43.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.76%

Target Compounds

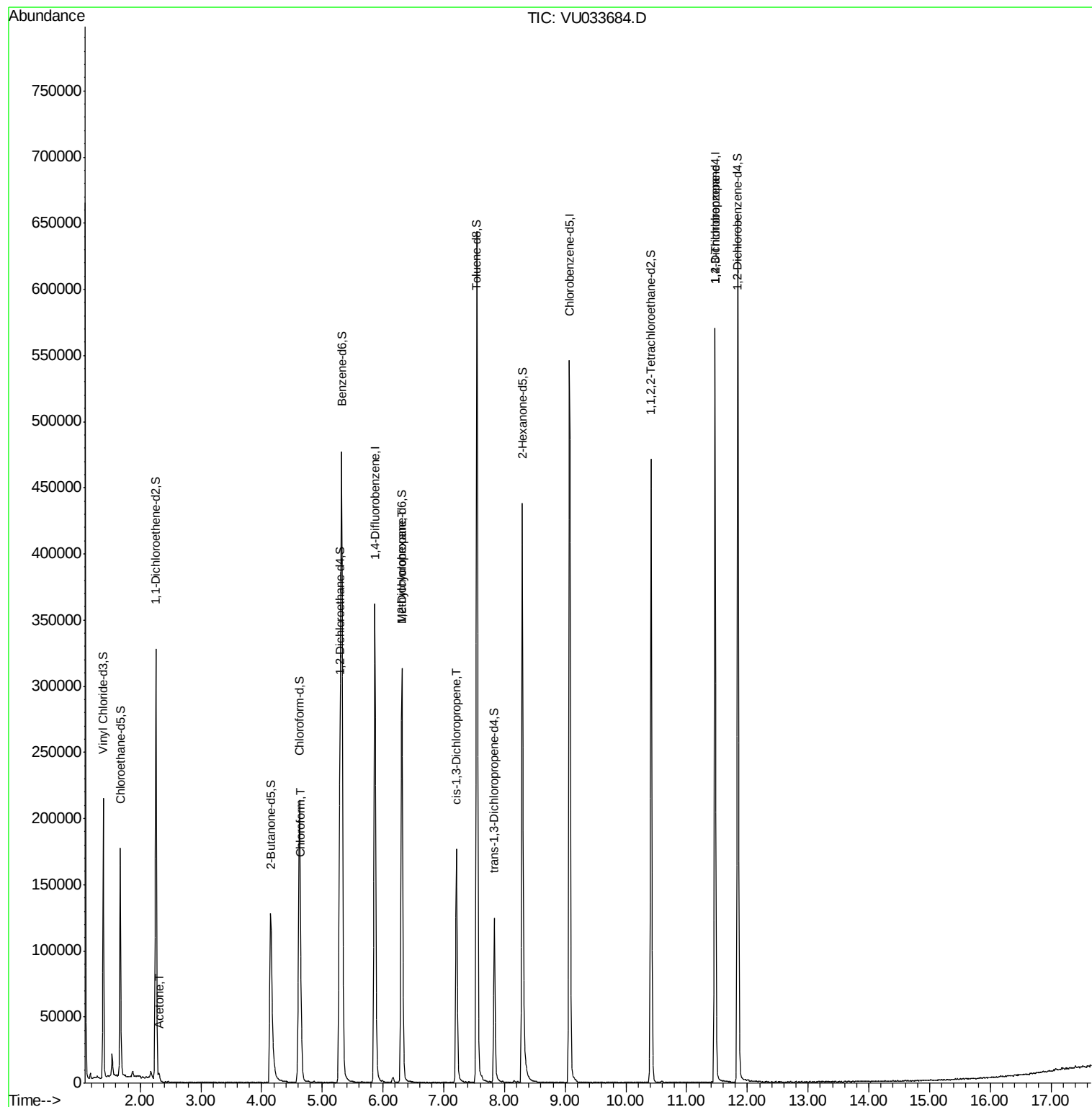
					Ovalue
13) Acetone	2.31	43	4336	2.497 ug/L	99
25) Chloroform	4.65	83	27190	5.846 ug/L	96
35) Methylcyclohexane	6.31	83	35288	9.229 ug/L #	19
39) cis-1,3-Dichloropropene	7.21	75	4657	1.189 ug/L #	68
59) 1,2,3-Trichloropropane	11.47	75	17630	4.908 ug/L	93

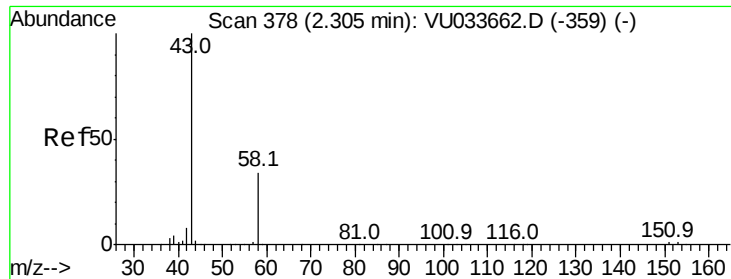
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.497 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.01 min

Lab File: VU033684.D

Acq: 09 Aug 2019 10:17

Instrument :

MSVOA_U

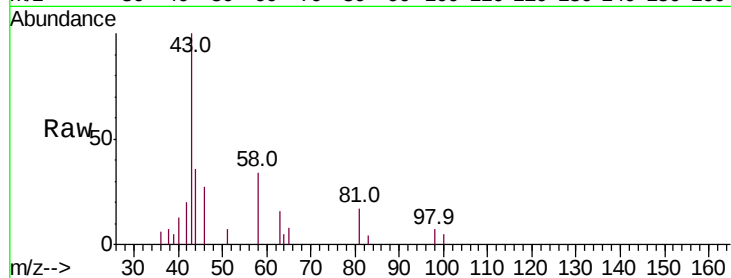
ClientSampled :

Tot Ion: 43 Resp: 4336

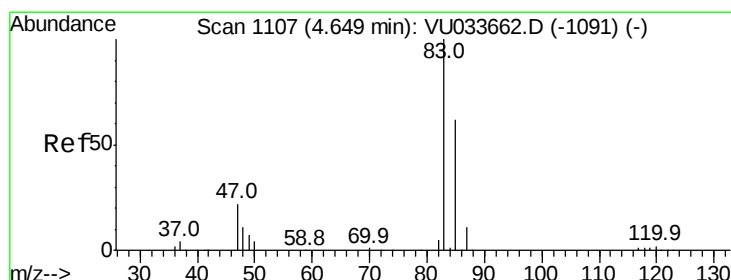
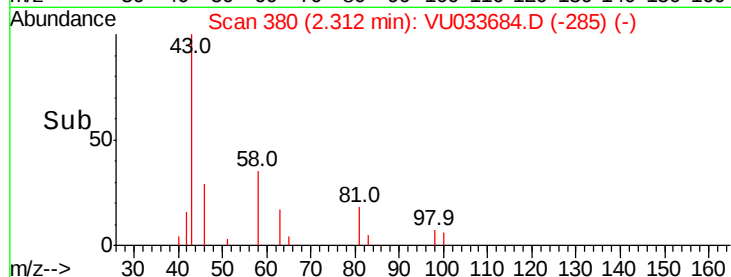
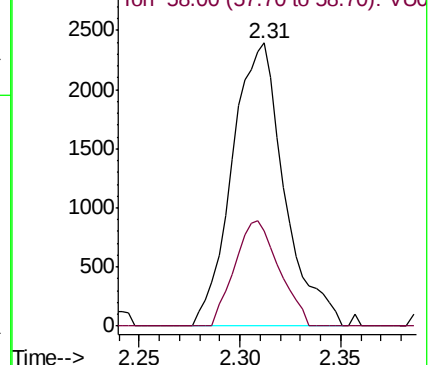
Ion Ratio Lower Upper

43 100

58 31.8 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VU033662.D (-359) (-)



#25

Chloroform

Concen: 5.846 ug/L

RT: 4.65 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VU033684.D

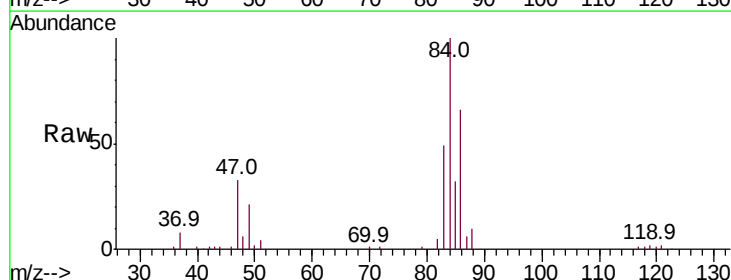
Acq: 09 Aug 2019 10:17

Tgt Ion: 83 Resp: 27190

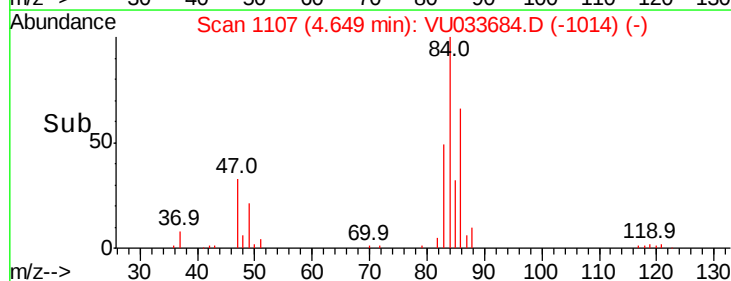
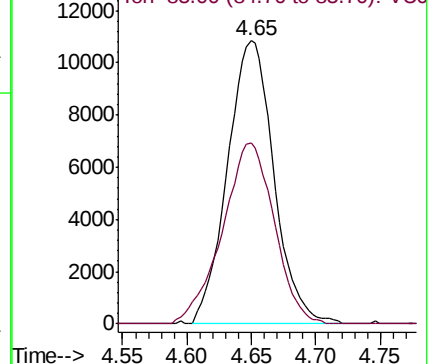
Ion Ratio Lower Upper

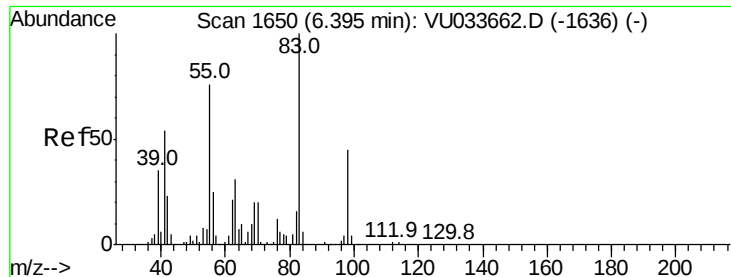
83 100

85 64.2 47.2 87.6



Abundance Ion 83.00 (82.70 to 83.70): VU033662.D (-1091) (-)





#35

Methylcyclohexane

Concen: 9.229 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.09 min

Lab File: VU033684.D

Acq: 09 Aug 2019 10:17

Instrument :

MSVOA_U

ClientSampleId :

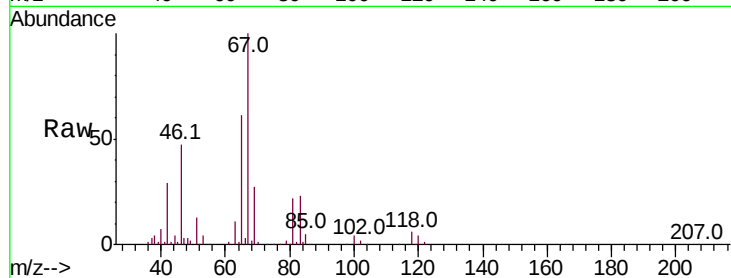
Tot Ion: 83 Resp: 35288

Ion Ratio Lower Upper

83 100

55 0.0 61.3 91.9#

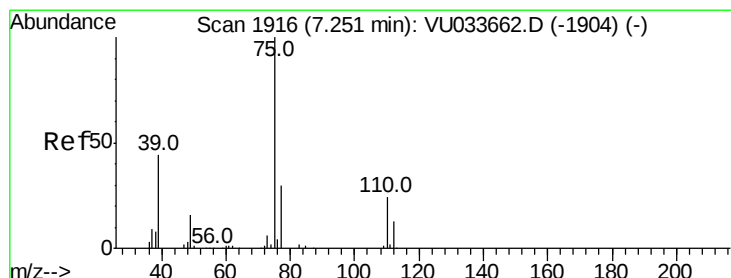
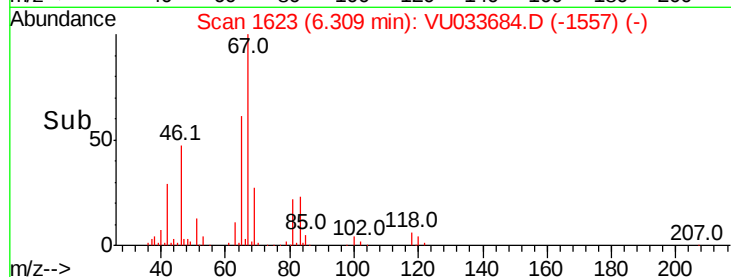
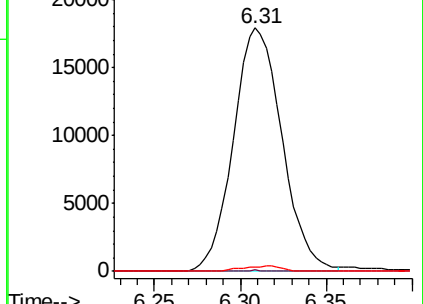
98 1.7 36.7 55.1#



Abundance Ion 83.00 (82.70 to 83.70): VU033684.D (-1623) (-)

Ion 55.00 (54.70 to 55.70): VU033684.D (-1623) (-)

Ion 98.00 (97.70 to 98.70): VU033684.D (-1623) (-)



#39

cis-1,3-Dichloropropene

Concen: 1.189 ug/L

RT: 7.21 min Scan# 1903

Delta R.T. -0.04 min

Lab File: VU033684.D

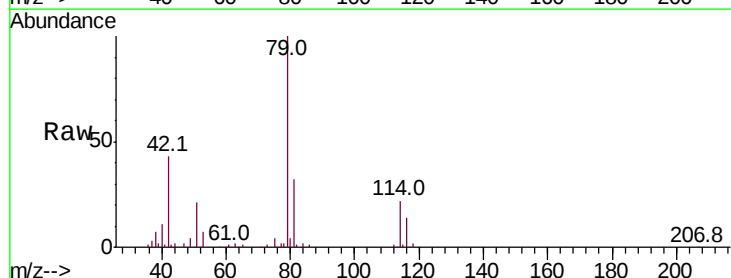
Acq: 09 Aug 2019 10:17

Tgt Ion: 75 Resp: 4657

Ion Ratio Lower Upper

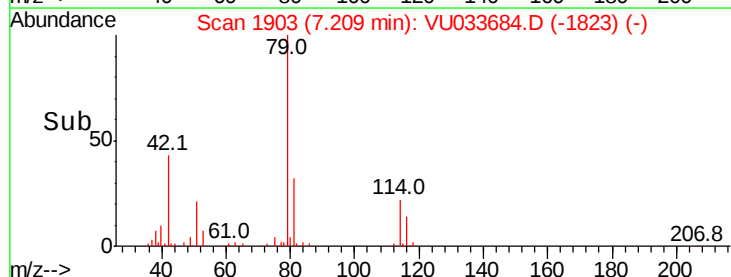
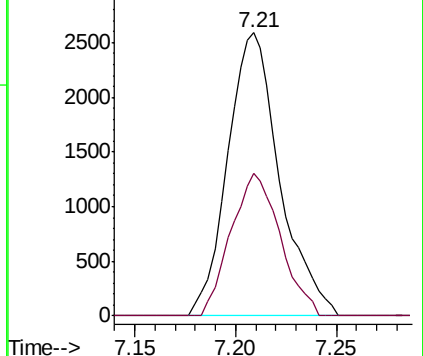
75 100

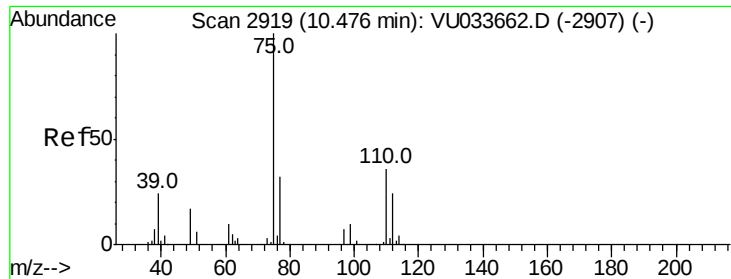
77 50.2 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VU033684.D (-1823) (-)

Ion 77.00 (76.70 to 77.70): VU033684.D (-1823) (-)





#59

1,2,3-Trichloropropane

Concen: 4.908 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033684.D

Acq: 09 Aug 2019 10:17

Instrument :

MSVOA_U

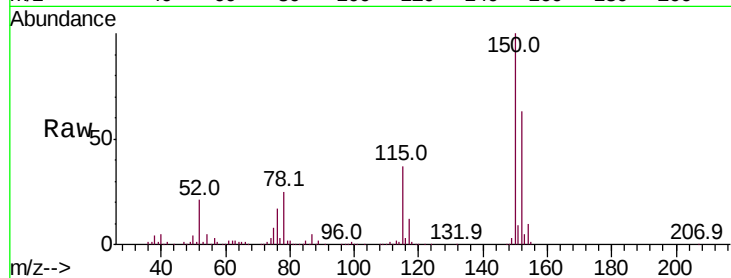
ClientSampleId :

Tot Ion: 75 Resp: 17630

Ion Ratio Lower Upper

75 100

77 35.5 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

