

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080819\
 Data File : VU033674.D
 Acq On : 09 Aug 2019 06:04
 Operator : JC/SP
 Sample : K4215-18
 Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 09 14:40:49 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	340332	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	347355	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	167801	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	119237	31.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.08%
7) Chloroethane-d5	1.63	69	102815	31.62	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	63.24%#
11) 1,1-Dichloroethene-d2	2.23	63	205628	33.11	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.22%
21) 2-Butanone-d5	4.17	46	135930	48.31	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	48.31%
24) Chloroform-d	4.62	84	225211	35.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.76%
26) 1,2-Dichloroethane-d4	5.28	65	157429	38.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.70%
32) Benzene-d6	5.31	84	486564	37.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.12%
36) 1,2-Dichloropropane-d6	6.31	67	157435	38.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	76.46%
41) Toluene-d8	7.55	98	438078	36.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.16%#
43) trans-1,3-Dichloropropene-	7.84	79	68713	34.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.18%
47) 2-Hexanone-d5	8.31	63	170853	82.86	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.86%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	247946	38.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	76.96%
64) 1,2-Dichlorobenzene-d4	11.85	152	182725	39.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.72%#

Target Compounds

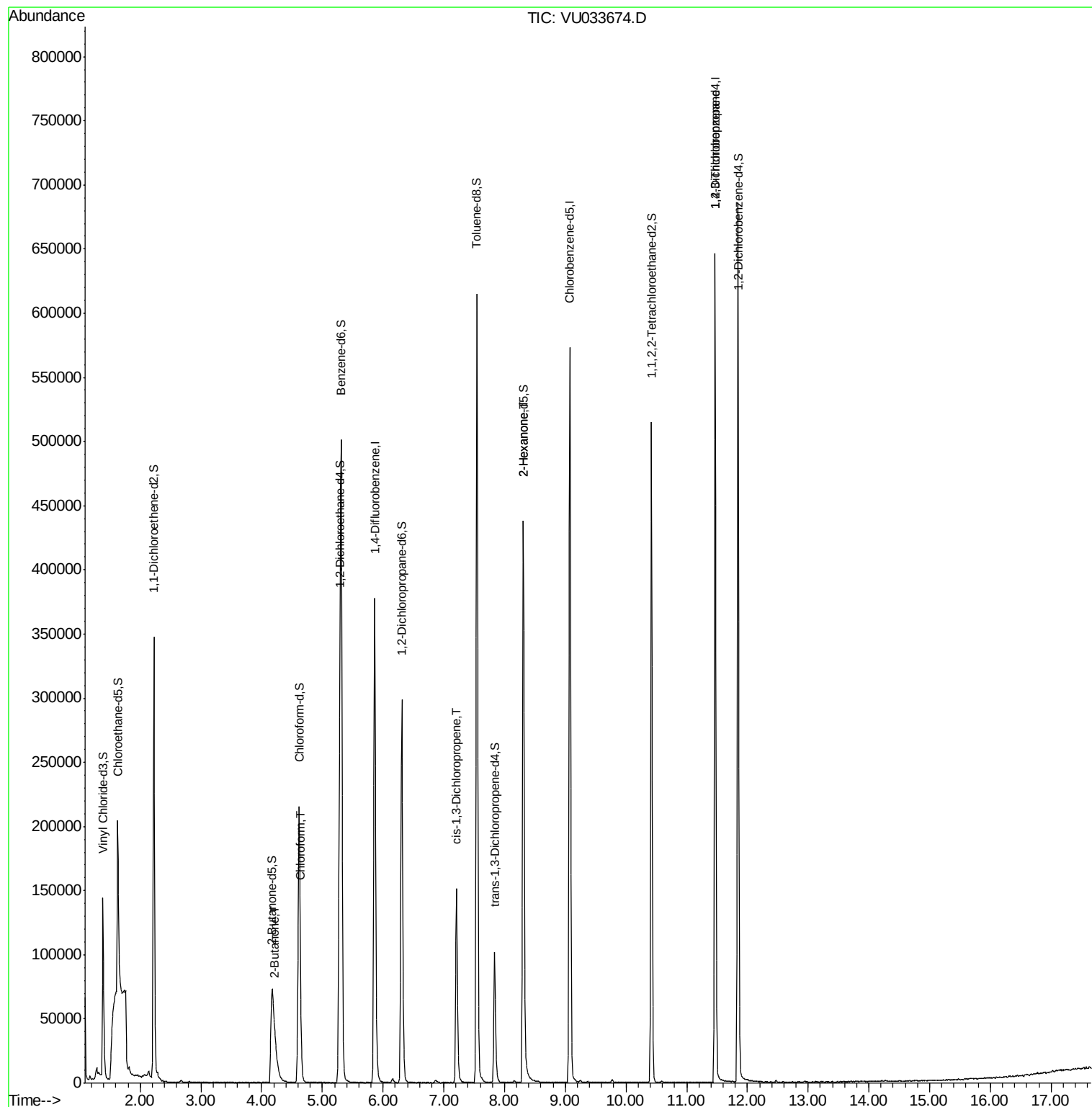
				Ovalue	
22) 2-Butanone	4.22	43	4773	1.986	ug/L # 49
25) Chloroform	4.65	83	11924	2.326	ug/L 95
39) cis-1,3-Dichloropropene	7.21	75	3943	0.894	ug/L # 61
48) 2-Hexanone	8.31	43	19861	5.603	ug/L # 66
59) 1,2,3-Trichloropropane	11.47	75	20215	4.996	ug/L 90

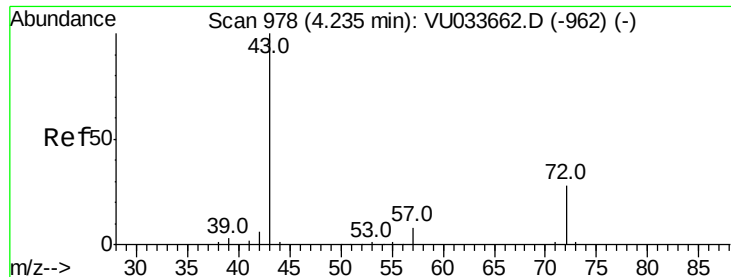
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 09 14:36:24 2019
Response via : Initial Calibration





#22

2-Butanone

Concen: 1.986 ug/L

RT: 4.22 min Scan# 973

Delta R.T. -0.02 min

Lab File: VU033674.D

Acq: 09 Aug 2019 06:04

Instrument :

MSVOA_U

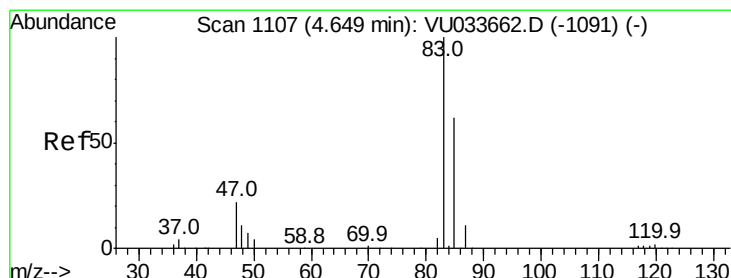
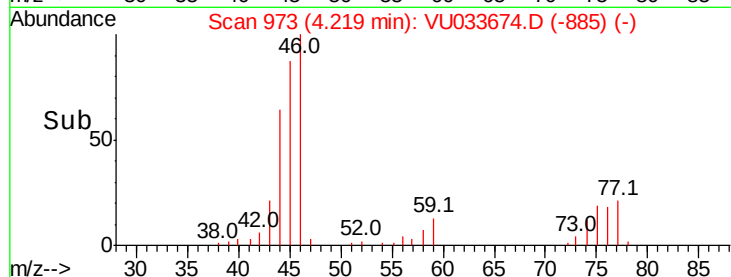
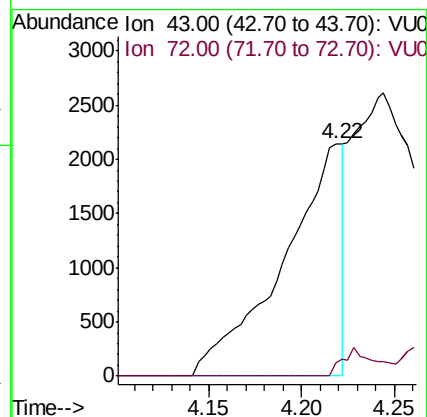
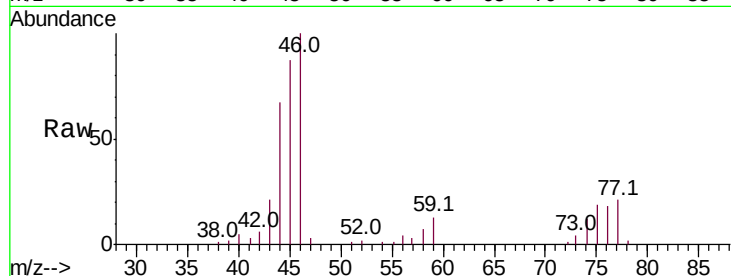
ClientSampleId :

Tot Ion: 43 Resp: 4773

Ion Ratio Lower Upper

43 100

72 1.7 14.4 43.4#



#25

Chloroform

Concen: 2.326 ug/L

RT: 4.65 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VU033674.D

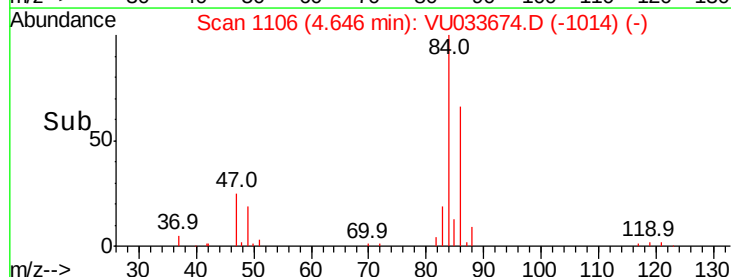
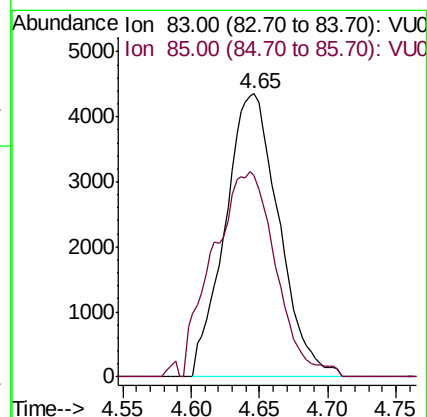
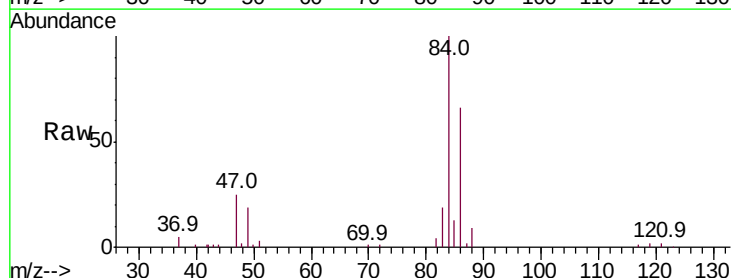
Acq: 09 Aug 2019 06:04

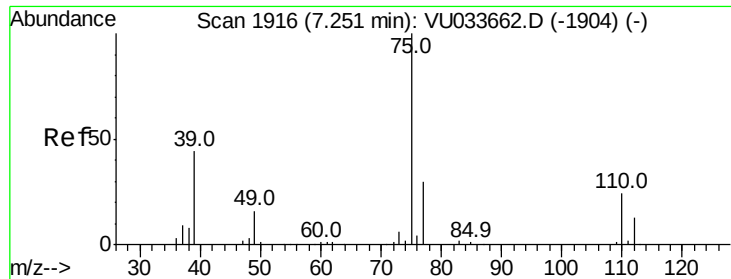
Tgt Ion: 83 Resp: 11924

Ion Ratio Lower Upper

83 100

85 71.1 47.2 87.6



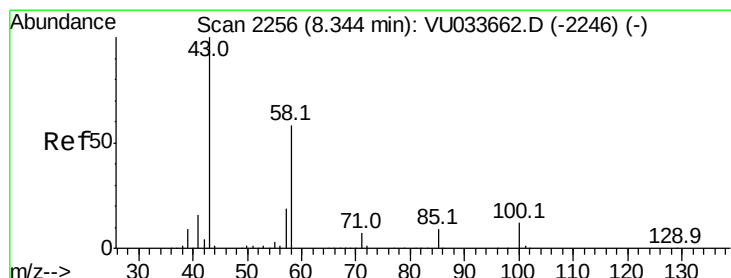
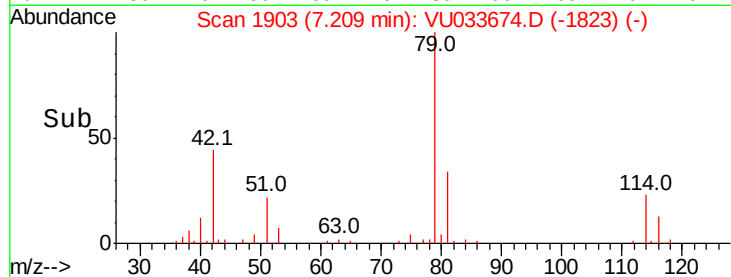
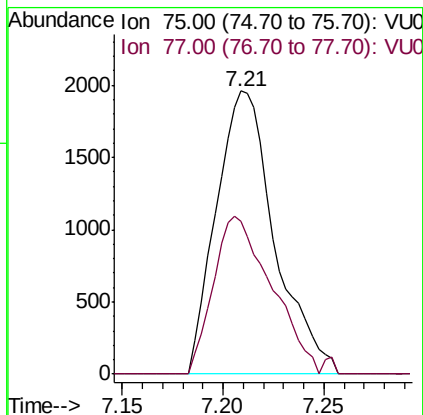
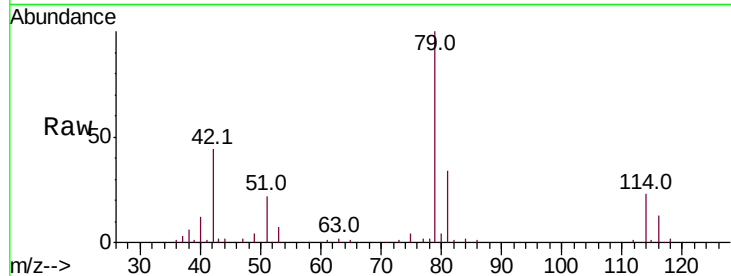


#39

cis-1,3-Dichloropropene
 Concen: 0.894 ug/L
 RT: 7.21 min Scan# 1903
 Delta R.T. -0.04 min
 Lab File: VU033674.D
 Acq: 09 Aug 2019 06:04

Instrument :
 MSVOA_U
 ClientSampled :

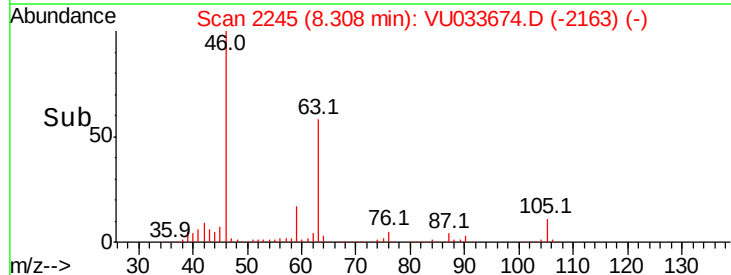
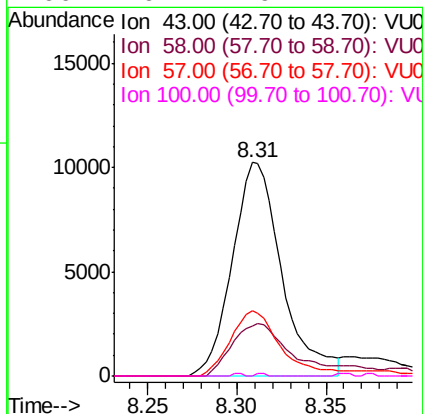
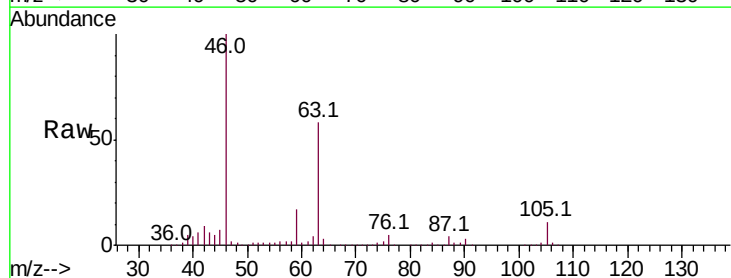
Tot Ion: 75 Resp: 3943
 Ion Ratio Lower Upper
 75 100
 77 54.2 22.5 41.9#

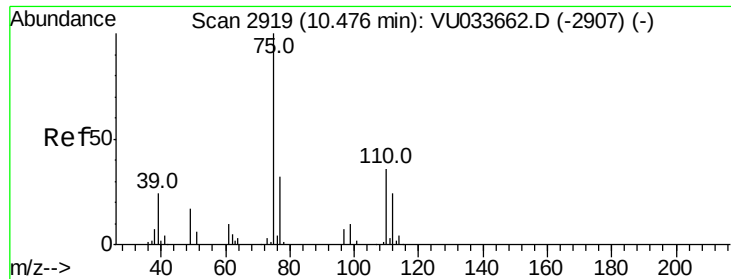


#48

2-Hexanone
 Concen: 5.603 ug/L
 RT: 8.31 min Scan# 2245
 Delta R.T. -0.04 min
 Lab File: VU033674.D
 Acq: 09 Aug 2019 06:04

Tgt Ion: 43 Resp: 19861
 Ion Ratio Lower Upper
 43 100
 58 28.2 44.8 67.2#
 57 30.7 15.5 23.3#
 100 0.2 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 4.996 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU033674.D

Acq: 09 Aug 2019 06:04

Instrument :

MSVOA_U

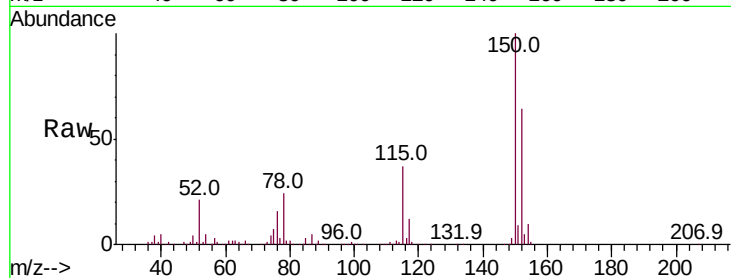
ClientSampleId :

Tot Ion: 75 Resp: 20215

Ion Ratio Lower Upper

75 100

77 37.2 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

