

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102020\
 Data File : VV019008.D
 Acq On : 20 Oct 2020 12:50
 Operator : SY/MD
 Sample : L4426-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 21 06:09:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 21 06:02:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	268302	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	263395	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	123180	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	113185	51.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.50%
7) Chloroethane-d5	1.58	69	93122	53.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.44%
11) 1,1-Dichloroethene-d2	2.12	63	165881	39.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.58%
21) 2-Butanone-d5	3.91	46	127677	82.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.94%
24) Chloroform-d	4.38	84	178125	44.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.78%
26) 1,2-Dichloroethane-d4	5.06	65	125675	47.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.42%
32) Benzene-d6	5.07	84	350978	45.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.28%
36) 1,2-Dichloropropane-d6	6.09	67	112835	45.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.80%
41) Toluene-d8	7.34	98	308842	44.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.54%
43) trans-1,3-Dichloropropene-	7.64	79	54281	45.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.34%
47) 2-Hexanone-d5	8.11	63	69232	75.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.81%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	108923	37.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	75.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	121200	48.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.72%

Target Compounds

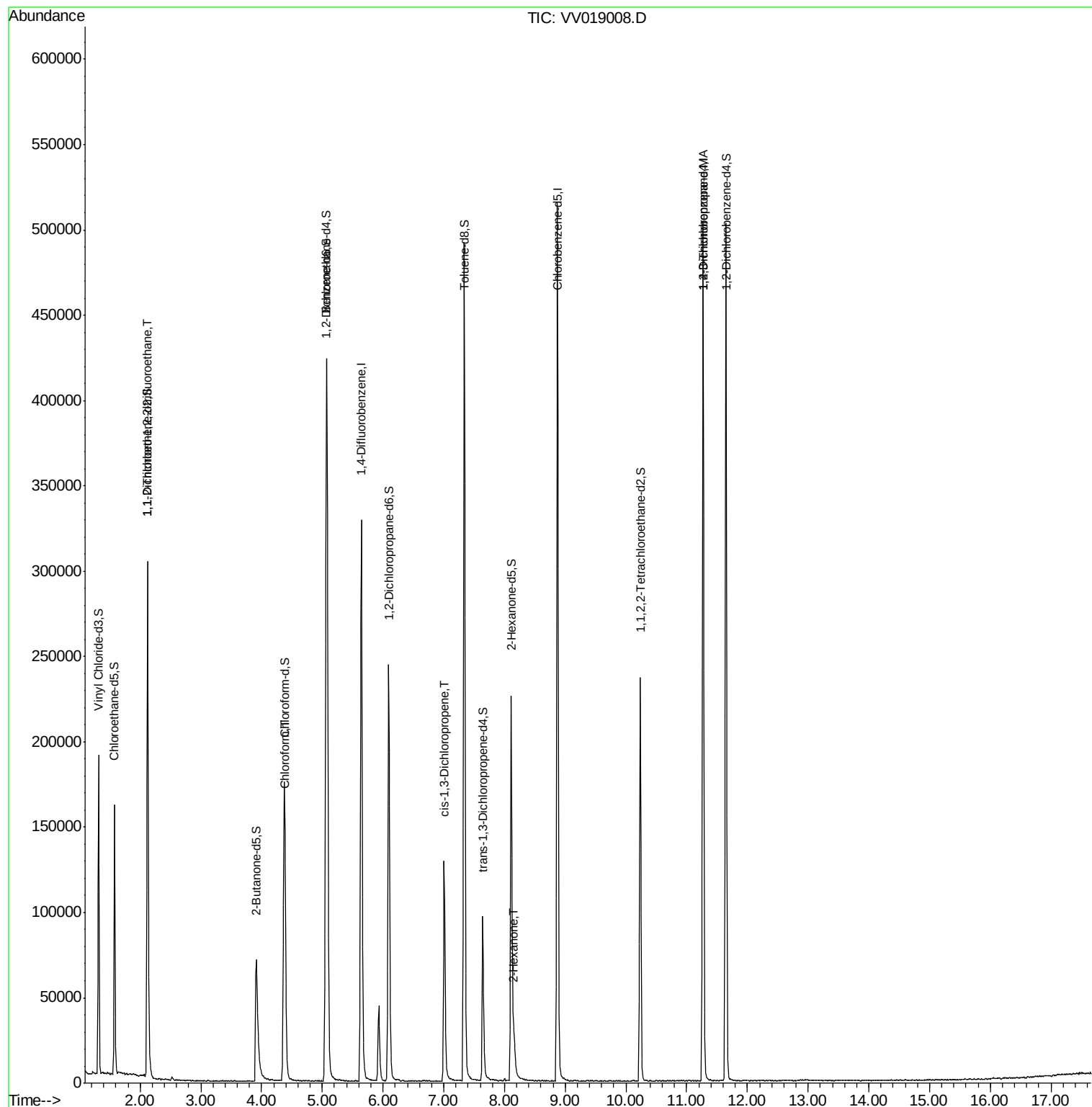
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1443	0.829 ug/L #	20
25) Chloroform	4.40	83	3666	0.957 ug/L	79
39) cis-1,3-Dichloropropene	7.01	75	3411	1.050 ug/L #	61
48) 2-Hexanone	8.16	43	12398	5.246 ug/L #	90
59) 1,2,3-Trichloropropane	11.27	75	15331	5.860 ug/L	92

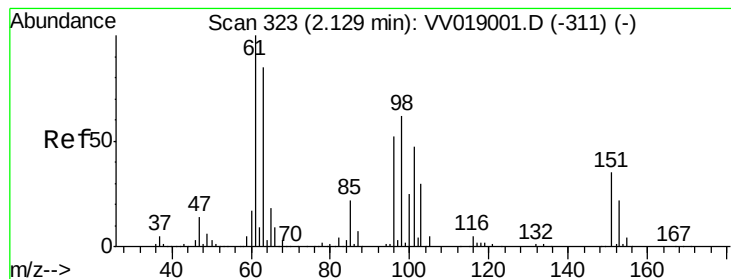
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.829 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV019008.D

Acq: 20 Oct 2020 12:50

Instrument :

MSVOA_V

ClientSampleId :

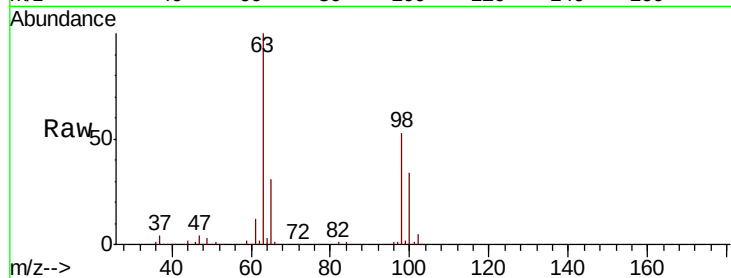
Tot Ion:101 Resp: 1443

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

151 0.0 59.7 89.5#

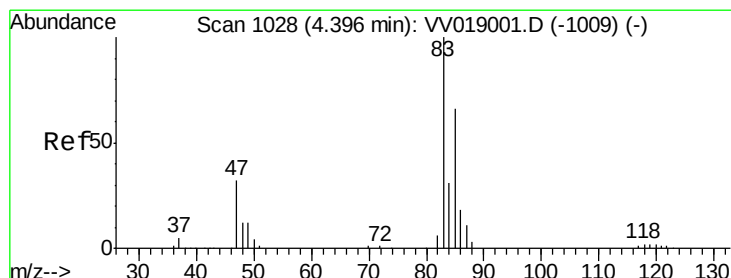
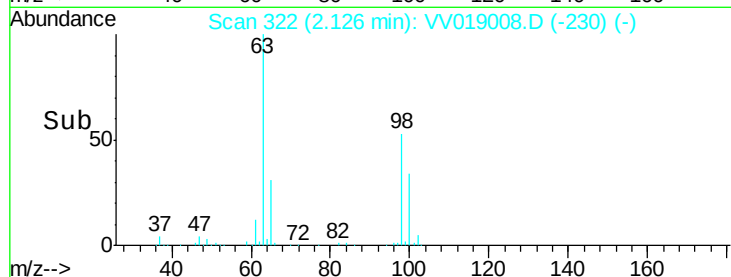
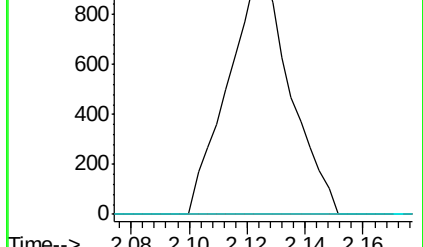


Abundance Ion 101.00 (100.70 to 101.70): VV019001.D (-311) (-)

Ion 85.00 (84.70 to 85.70): VV019001.D (-311) (-)

Ion 151.00 (150.70 to 151.70): VV019001.D (-311) (-)

Time-->



#25

Chloroform

Concen: 0.957 ug/L

RT: 4.40 min Scan# 1028

Delta R.T. 0.00 min

Lab File: VV019008.D

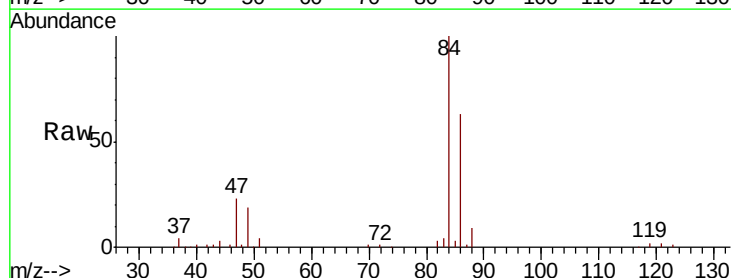
Acq: 20 Oct 2020 12:50

Tgt Ion: 83 Resp: 3666

Ion Ratio Lower Upper

83 100

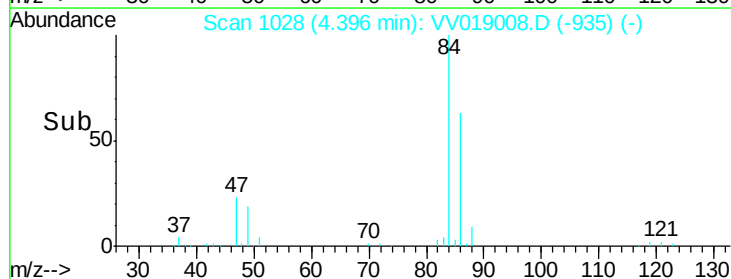
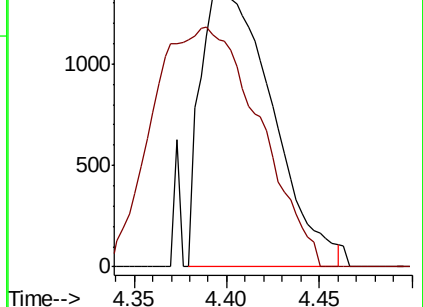
85 80.4 44.6 82.8

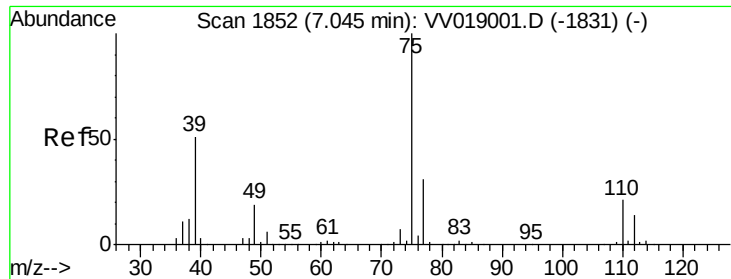


Abundance Ion 83.00 (82.70 to 83.70): VV019001.D (-1009) (-)

Ion 85.00 (84.70 to 85.70): VV019001.D (-1009) (-)

Time-->

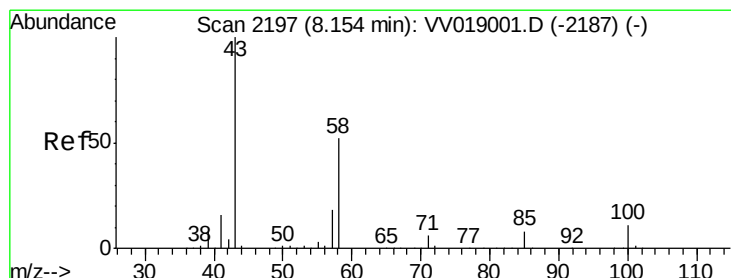
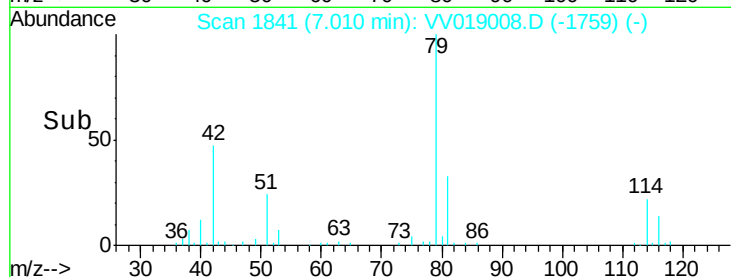
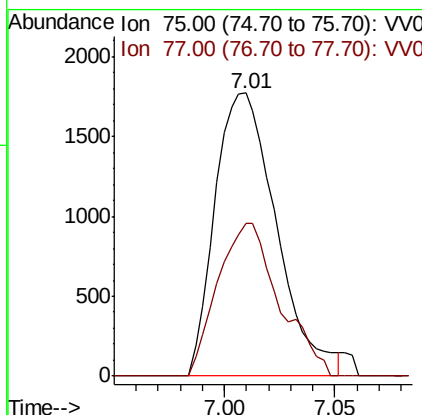
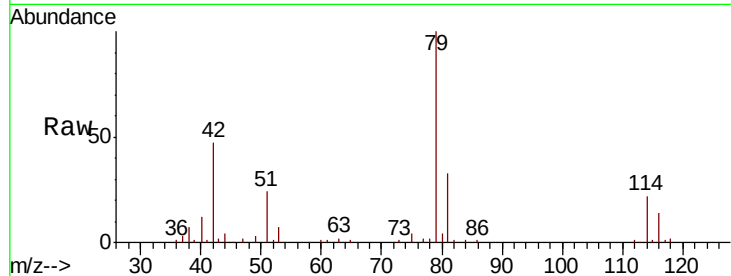




#39
 cis-1,3-Dichloropropene
 Concen: 1.050 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV019008.D
 Acq: 20 Oct 2020 12:50

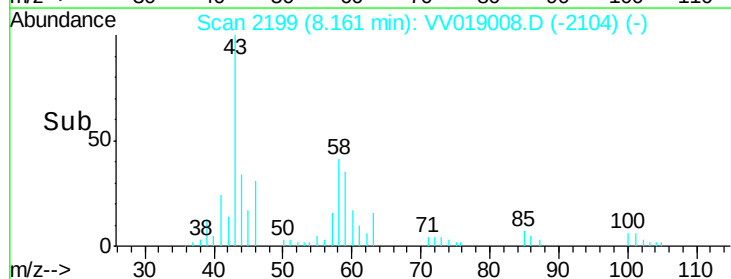
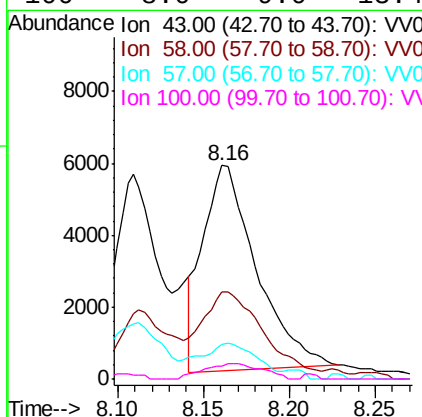
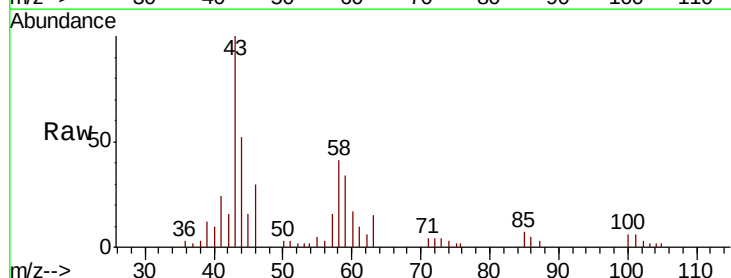
Instrument :
 MSVOA_V
 ClientSampled :

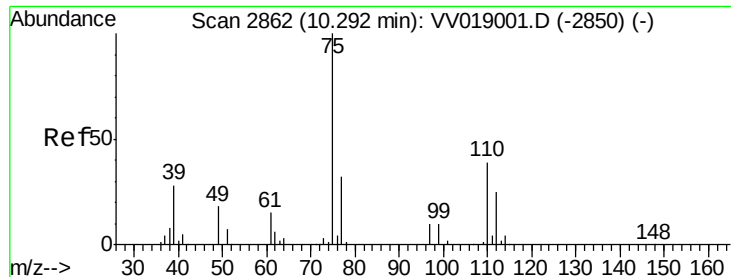
Tot Ion: 75 Resp: 3411
 Ion Ratio Lower Upper
 75 100
 77 53.8 22.5 41.9#



#48
 2-Hexanone
 Concen: 5.246 ug/L
 RT: 8.16 min Scan# 2199
 Delta R.T. 0.01 min
 Lab File: VV019008.D
 Acq: 20 Oct 2020 12:50

Tgt Ion: 43 Resp: 12398
 Ion Ratio Lower Upper
 43 100
 58 47.0 42.5 63.7
 57 10.4 14.5 21.7#
 100 8.0 9.0 13.4#





#59

1,2,3-Trichloropropane

Concen: 5.860 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019008.D

Acq: 20 Oct 2020 12:50

Instrument :

MSVOA_V

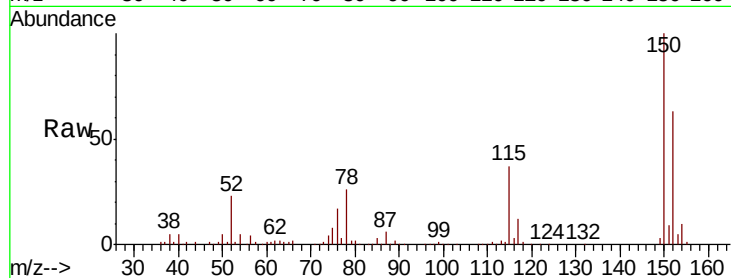
ClientSampleId :

Tot Ion: 75 Resp: 15331

Ion Ratio Lower Upper

75 100

77 36.4 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

