

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091820\
 Data File : VV018329.D
 Acq On : 18 Sep 2020 17:45
 Operator : SY/MD
 Sample : L4065-18
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 19 01:44:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 19 01:35:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	271727	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	273458	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	127954	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	99155	44.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.56%
7) Chloroethane-d5	1.58	69	81369	44.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.12	63	141923	34.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.88%
21) 2-Butanone-d5	3.92	46	122238	90.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.18%
24) Chloroform-d	4.38	84	173279	45.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.06	65	115125	46.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.48%
32) Benzene-d6	5.08	84	348189	44.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.96%
36) 1,2-Dichloropropane-d6	6.09	67	111568	44.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.70%
41) Toluene-d8	7.34	98	307092	43.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.08%
43) trans-1,3-Dichloropropene-	7.64	79	51983	41.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.26%
47) 2-Hexanone-d5	8.11	63	82365	87.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.42%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	138428	44.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.68%
64) 1,2-Dichlorobenzene-d4	11.65	152	128888	49.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.10%

Target Compounds

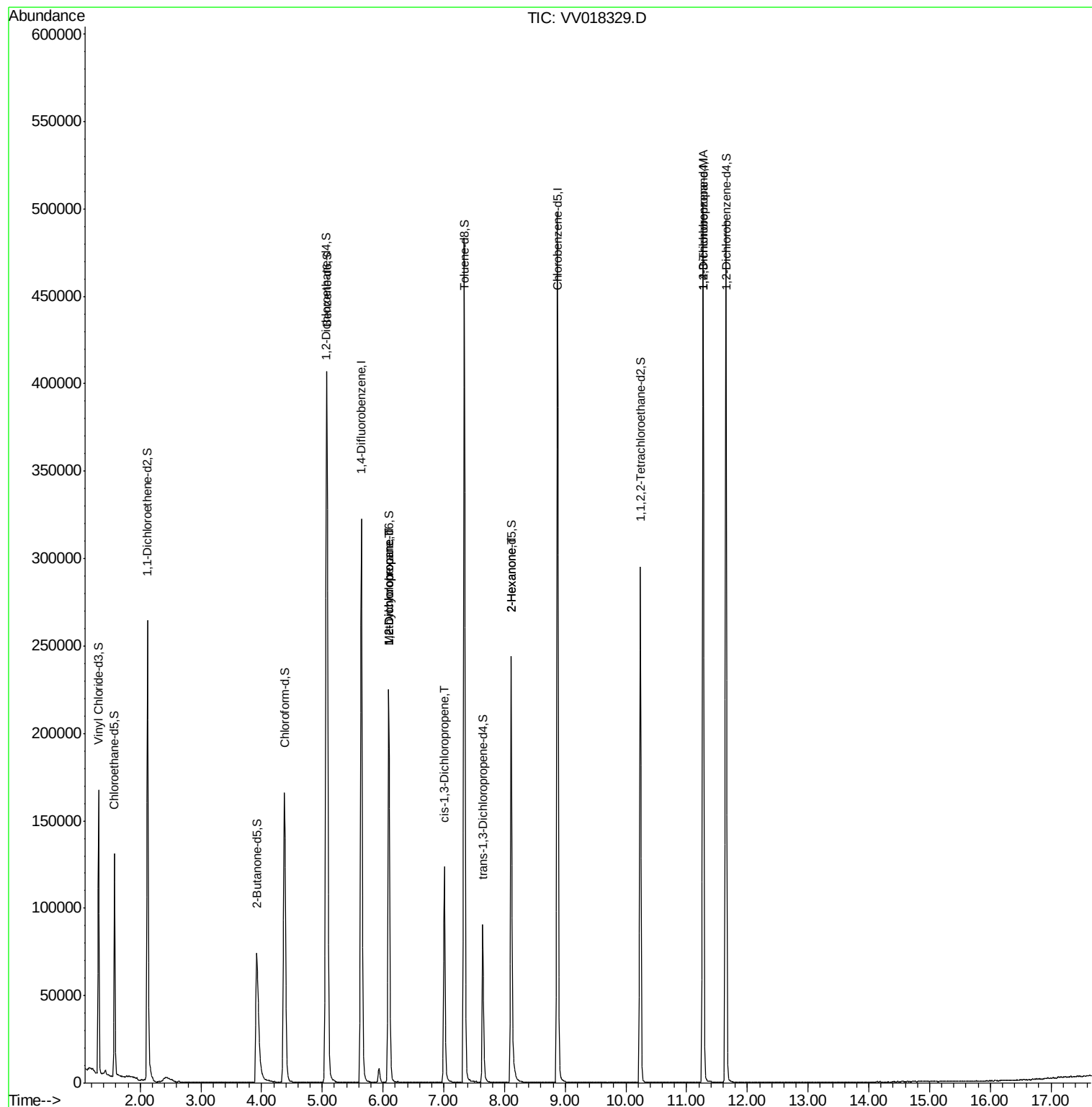
					Ovalue
35) Methylcyclohexane	6.10	83	26366	8.222 ug/L #	18
37) 1,2-Dichloropropane	6.10	63	12121	5.850 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3096	0.970 ug/L	88
48) 2-Hexanone	8.11	43	10249	5.172 ug/L #	71
59) 1,2,3-Trichloropropane	11.27	75	14540	5.967 ug/L	93

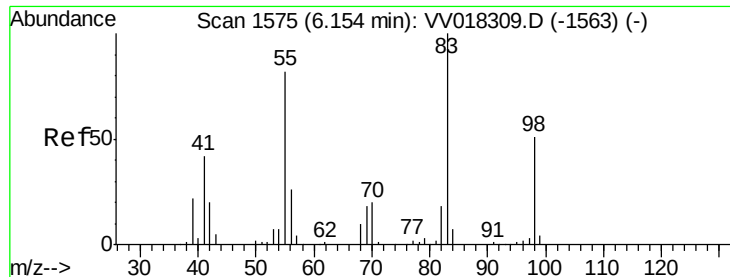
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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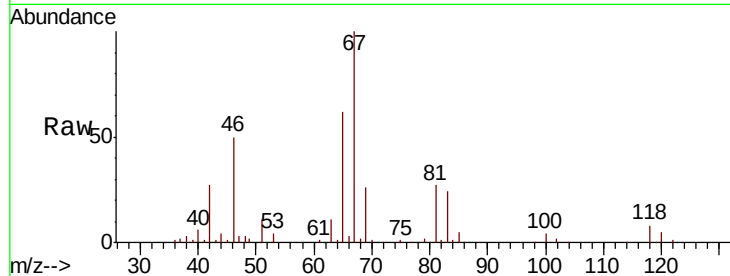




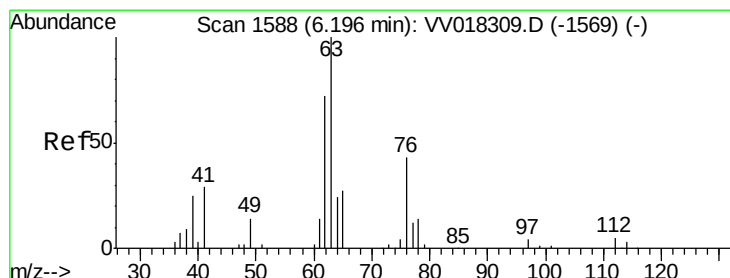
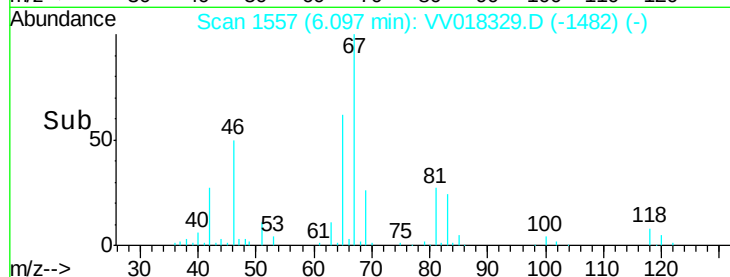
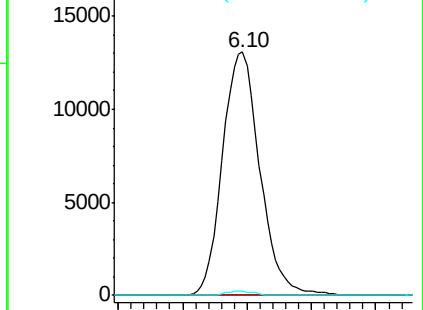
#35
Methvlcvclohexane
Concen: 8.222 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV018329.D
Acq: 18 Sep 2020 17:45

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 26366
Ion Ratio Lower Upper
83 100
55 0.0 63.4 95.2#
98 1.3 38.8 58.2#

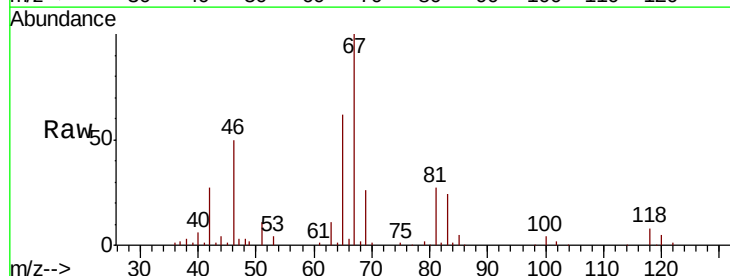


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

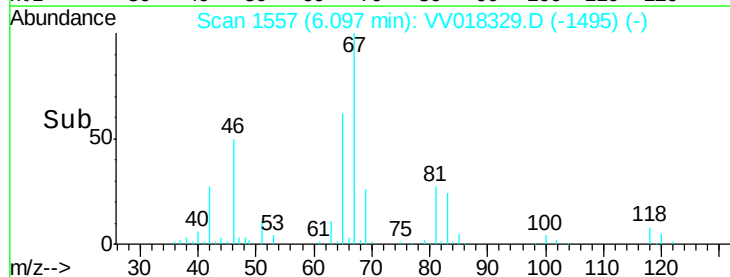
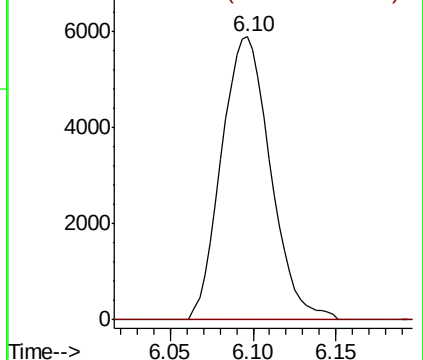


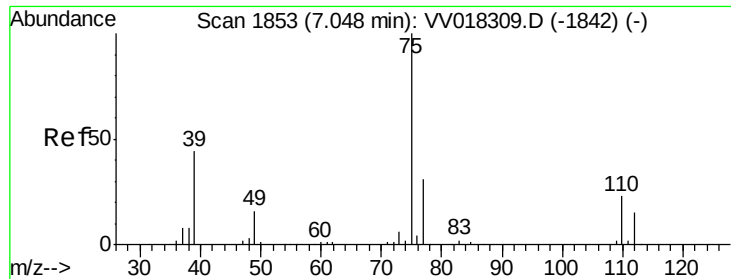
#37
1,2-Dichloropropane
Concen: 5.850 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV018329.D
Acq: 18 Sep 2020 17:45

Tgt Ion: 63 Resp: 12121
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V

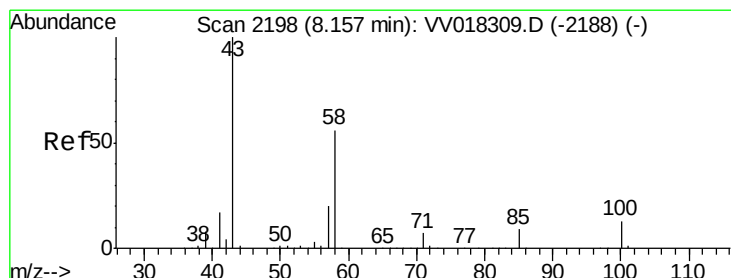
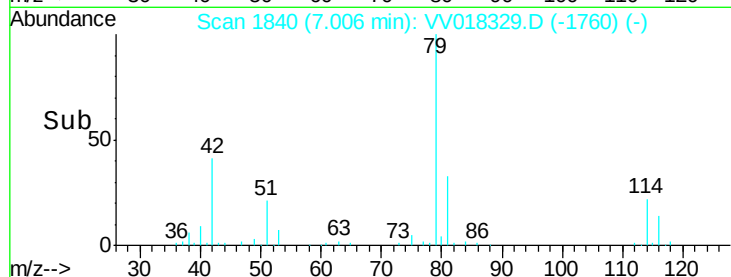
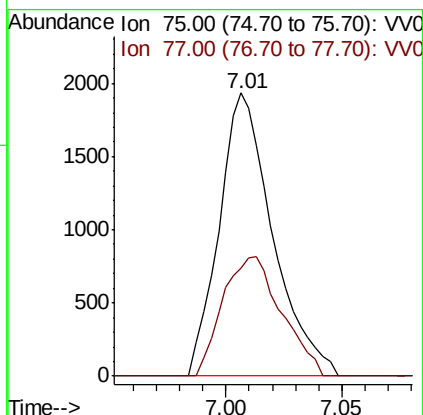
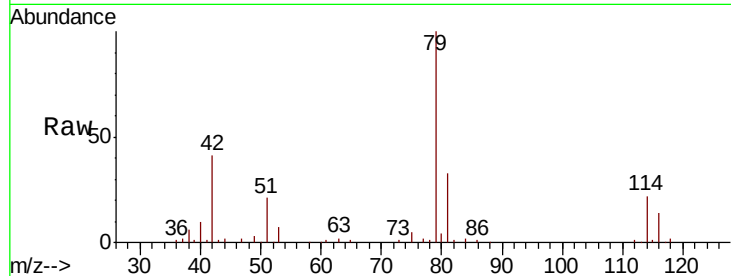




#39
 cis-1,3-Dichloropropene
 Concen: 0.970 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018329.D
 Acq: 18 Sep 2020 17:45

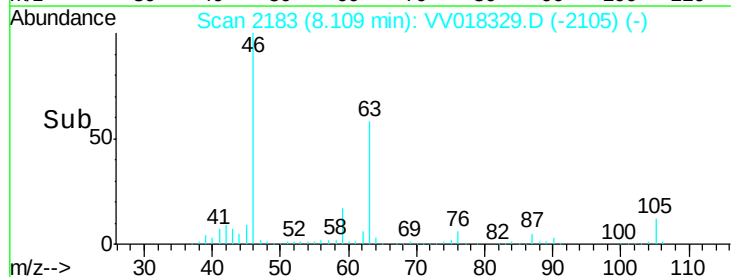
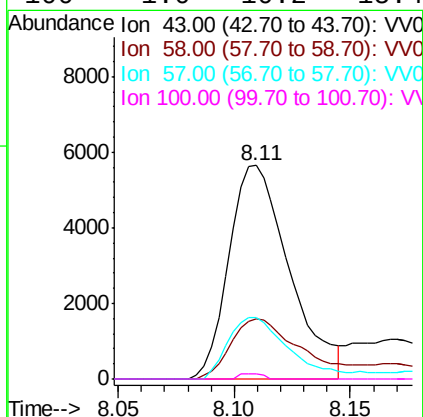
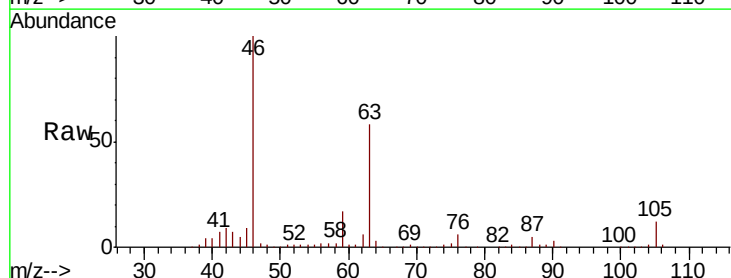
Instrument :
 MSVOA_V
 ClientSampleId :

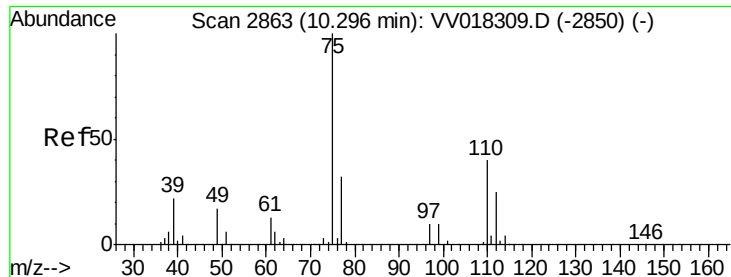
Tot Ion: 75 Resp: 3096
 Ion Ratio Lower Upper
 75 100
 77 38.4 22.3 41.3



#48
 2-Hexanone
 Concen: 5.172 ug/L
 RT: 8.11 min Scan# 2183
 Delta R.T. -0.05 min
 Lab File: VV018329.D
 Acq: 18 Sep 2020 17:45

Tgt Ion: 43 Resp: 10249
 Ion Ratio Lower Upper
 43 100
 58 33.2 44.8 67.2#
 57 29.1 15.8 23.6#
 100 1.0 10.2 15.4#





#59

1,2,3-Trichloropropane

Concen: 5.967 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV018329.D

Acq: 18 Sep 2020 17:45

Instrument :

MSVOA_V

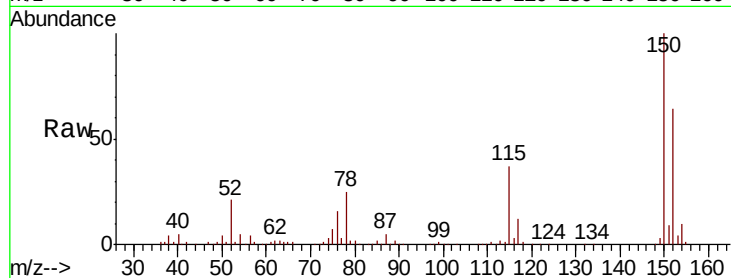
ClientSampleId :

Tot Ion: 75 Resp: 14540

Ion Ratio Lower Upper

75 100

77 36.0 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

