

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091620\
 Data File : VV018262.D
 Acq On : 17 Sep 2020 01:57
 Operator : SY/MD
 Sample : L4042-16
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 17 05:36:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 17 05:33:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	284533	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	281774	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	134265	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	94509	40.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.52%
7) Chloroethane-d5	1.58	69	78443	41.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.68%
11) 1,1-Dichloroethene-d2	2.12	63	134122	31.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.06%
21) 2-Butanone-d5	3.92	46	115238	81.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.19%
24) Chloroform-d	4.38	84	167827	41.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.44%
26) 1,2-Dichloroethane-d4	5.06	65	112721	43.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.42%
32) Benzene-d6	5.08	84	337842	41.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.76%
36) 1,2-Dichloropropane-d6	6.09	67	107474	41.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.86%
41) Toluene-d8	7.34	98	301067	40.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.90%
43) trans-1,3-Dichloropropene-	7.64	79	50916	39.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.18%
47) 2-Hexanone-d5	8.11	63	84166	86.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.69%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	141816	44.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.16%
64) 1,2-Dichlorobenzene-d4	11.65	152	127428	46.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.42%

Target Compounds

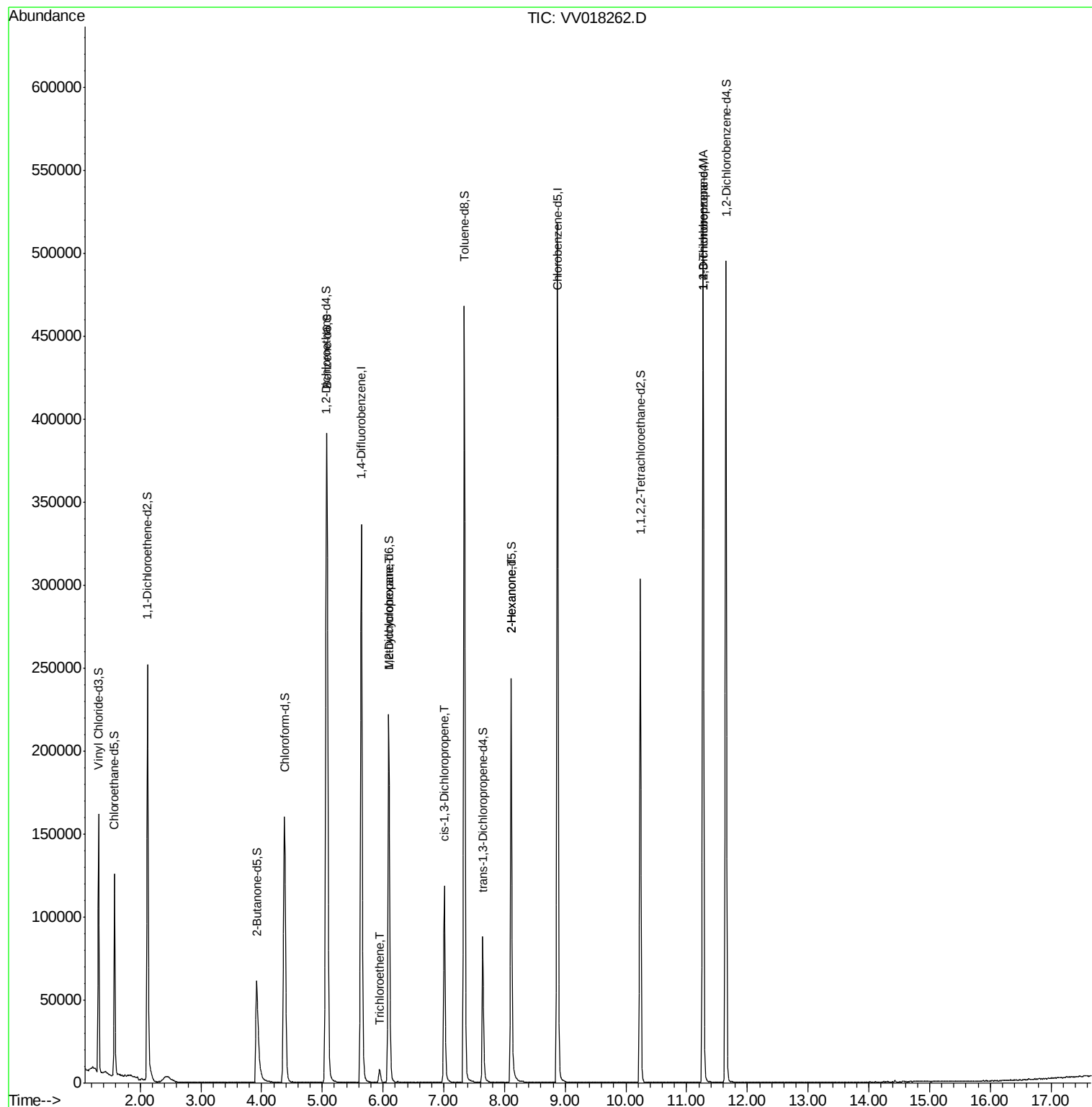
					Ovalue
34) Trichloroethene	5.95	95	2631	1.199 ug/L	92
35) Methylcyclohexane	6.09	83	25547	7.731 ug/L #	18
39) cis-1,3-Dichloropropene	7.01	75	2935	0.892 ug/L #	68
48) 2-Hexanone	8.11	43	9519	4.662 ug/L #	66
59) 1,2,3-Trichloropropane	11.27	75	15598	6.212 ug/L	91

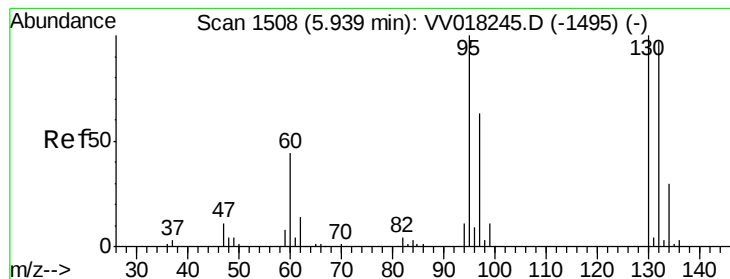
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 1.199 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV018262.D

Acq: 17 Sep 2020 01:57

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 2631

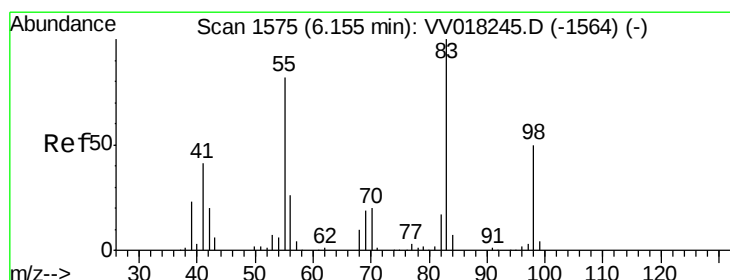
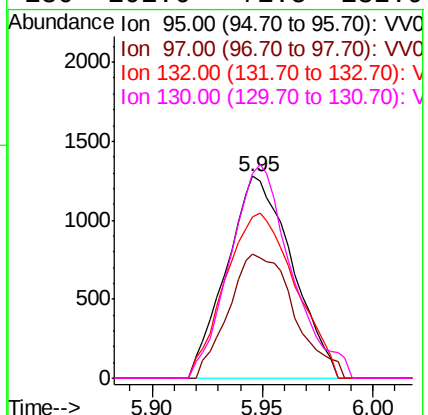
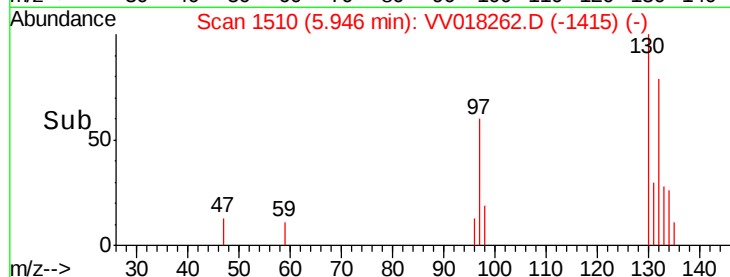
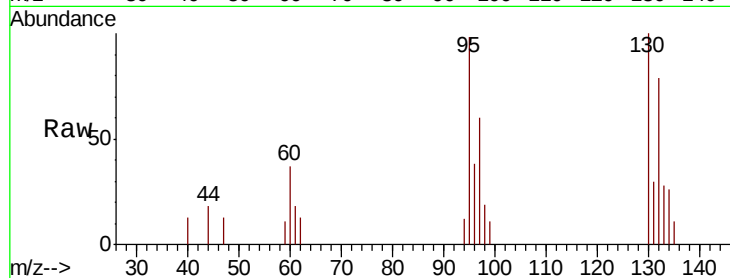
Ion Ratio Lower Upper

95 100

97 61.2 46.3 85.9

132 80.0 68.1 126.5

130 101.6 71.5 132.9



#35

Methylcyclohexane

Concen: 7.731 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018262.D

Acq: 17 Sep 2020 01:57

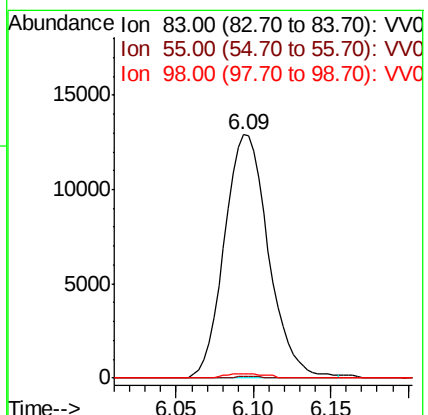
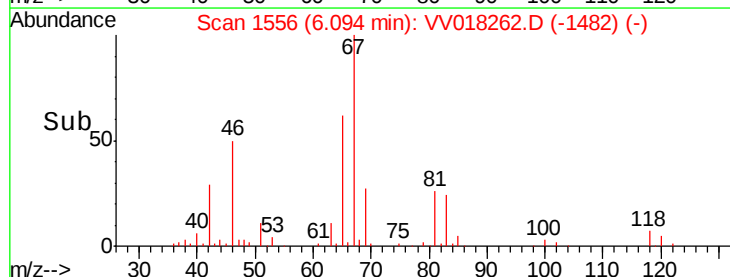
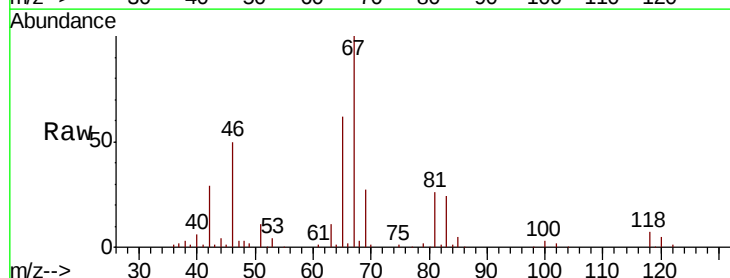
Tgt Ion: 83 Resp: 25547

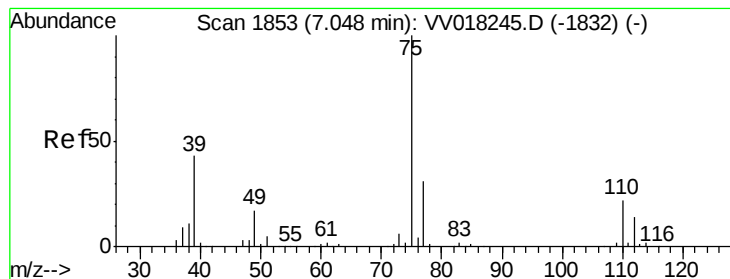
Ion Ratio Lower Upper

83 100

55 0.3 63.4 95.2#

98 2.3 38.8 58.2#



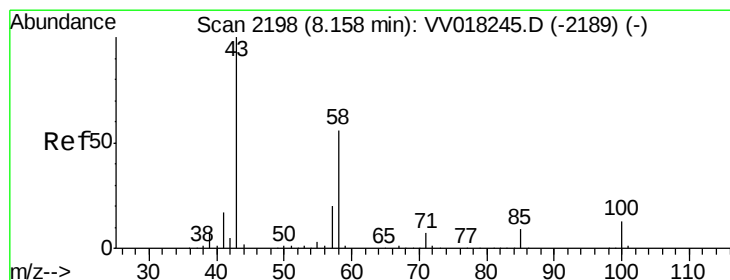
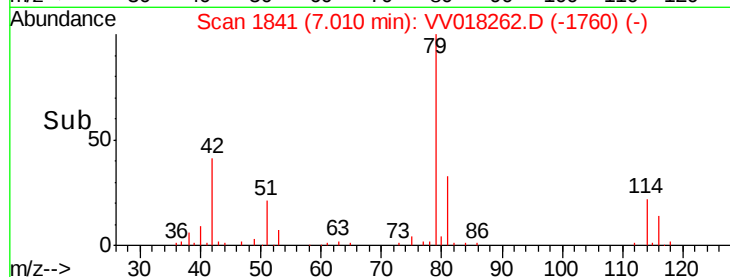
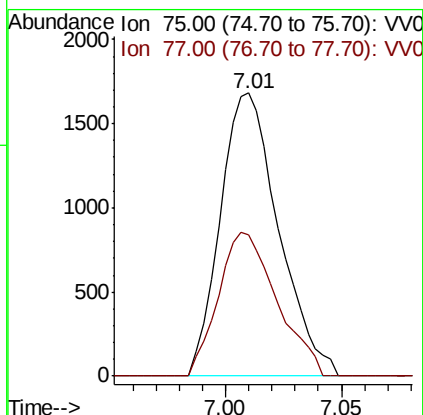
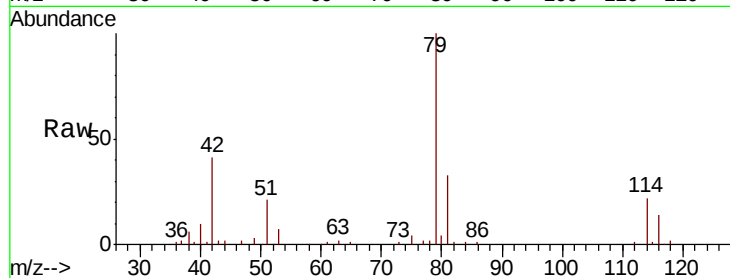


#39

cis-1,3-Dichloropropene
Concen: 0.892 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV018262.D
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MSVOA_V
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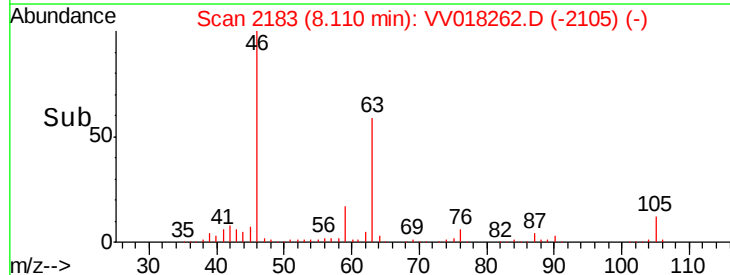
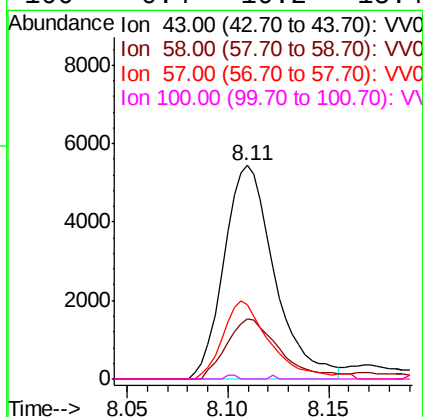
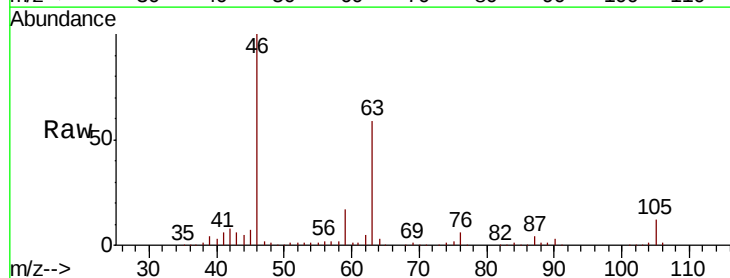
Tot Ion: 75 Resp: 2935
Ion Ratio Lower Upper
75 100
77 49.7 22.3 41.3#

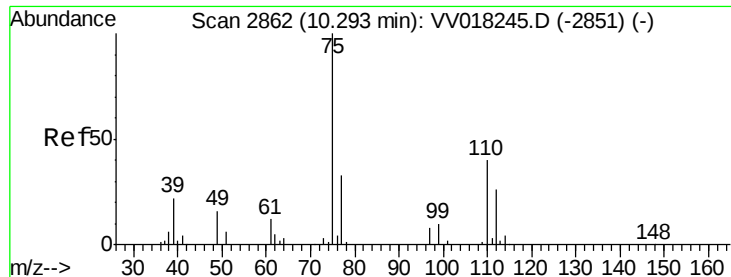


#48

2-Hexanone
Concen: 4.662 ug/L
RT: 8.11 min Scan# 2183
Delta R.T. -0.05 min
Lab File: VV018262.D
Acq: 17 Sep 2020 01:57

Tgt Ion: 43 Resp: 9519
Ion Ratio Lower Upper
43 100
58 29.6 44.8 67.2#
57 33.5 15.8 23.6#
100 0.4 10.2 15.4#





#59

1,2,3-Trichloropropane

Concen: 6.212 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018262.D

Acq: 17 Sep 2020 01:57

Instrument :

MSVOA_V

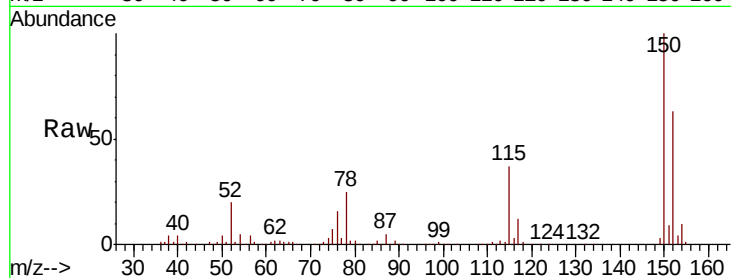
ClientSampleId :

Tot Ion: 75 Resp: 15598

Ion Ratio Lower Upper

75 100

77 37.2 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

