

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121620\
 Data File : VV019684.D
 Acq On : 16 Dec 2020 18:59
 Operator : SY/MD
 Sample : L5062-16
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 17 00:32:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 17 00:30:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	553452	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	507865	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	226200	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	198123	49.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.84%
7) Chloroethane-d5	1.57	69	166188	53.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.18%
11) 1,1-Dichloroethene-d2	2.11	63	269507	36.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.18%
21) 2-Butanone-d5	3.89	46	304048	140.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	140.95%#
24) Chloroform-d	4.35	84	366025	51.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.34%
26) 1,2-Dichloroethane-d4	5.04	65	257898	55.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.34%
32) Benzene-d6	5.05	84	718010	53.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.02%
36) 1,2-Dichloropropane-d6	6.07	67	237545	55.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.96%
41) Toluene-d8	7.32	98	610230	50.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.08%
43) trans-1,3-Dichloropropene-	7.63	79	107101	44.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.76%
47) 2-Hexanone-d5	8.09	63	201952	121.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.27%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	300671	52.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.78%
64) 1,2-Dichlorobenzene-d4	11.63	152	222860	52.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.42%

Target Compounds

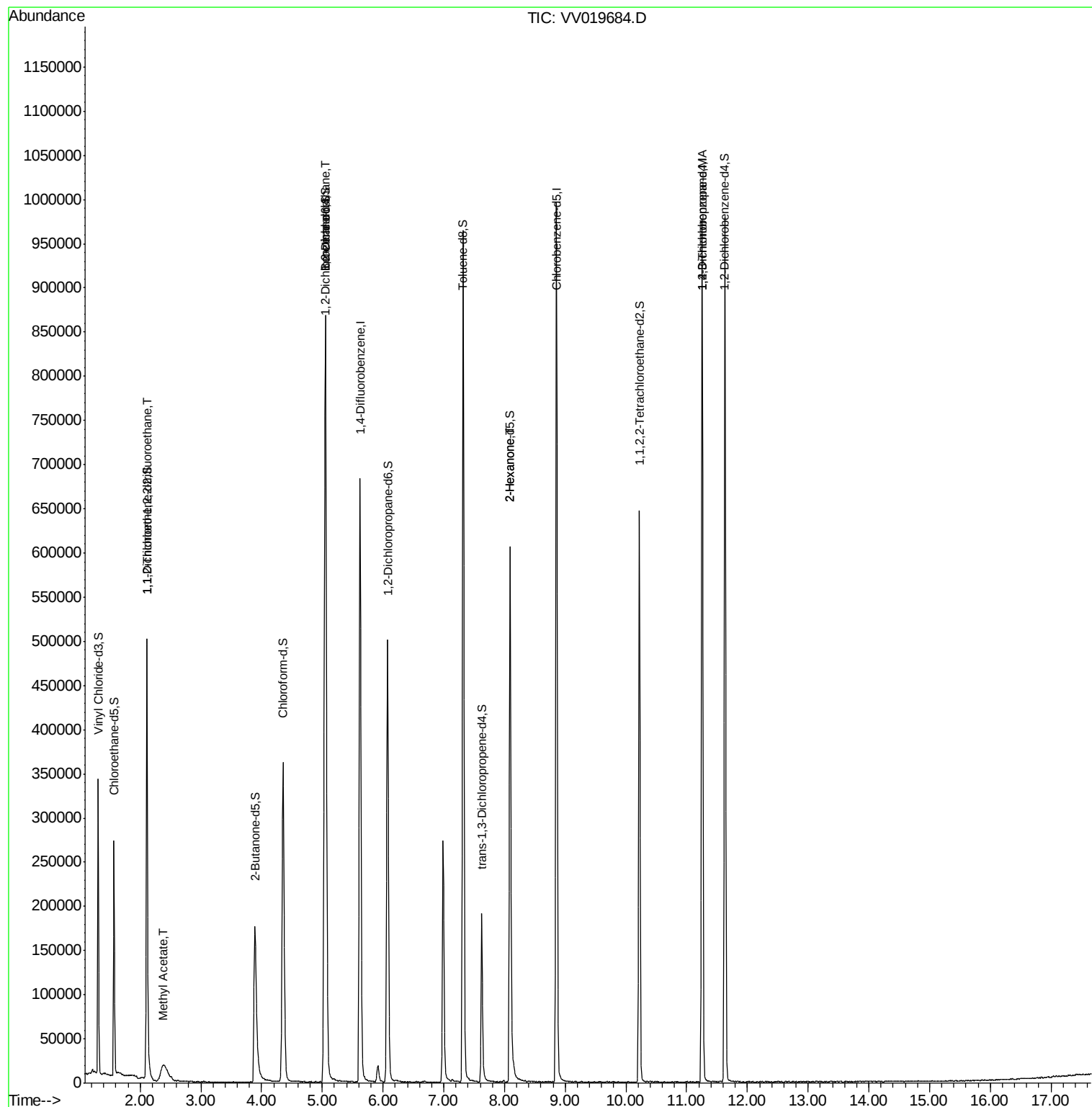
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2645	0.823 ug/L #	22
15) Methyl Acetate	2.37	43	7547	1.885 ug/L #	53
27) 1,2-Dichloroethane	5.05	62	4820	0.831 ug/L	96
48) 2-Hexanone	8.09	43	26106	6.152 ug/L #	69
59) 1,2,3-Trichloropropane	11.25	75	30930	6.415 ug/L #	88

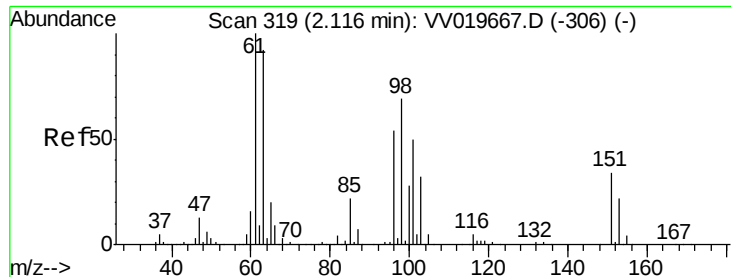
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.823 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.00 min

Lab File: VV019684.D

Acq: 16 Dec 2020 18:59

Instrument :

MSVOA_V

ClientSampleId :

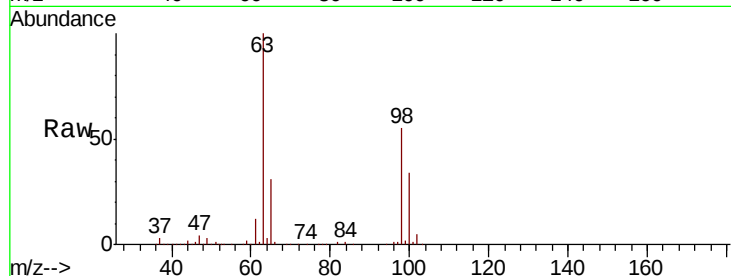
Tot Ion:101 Resp: 2645

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

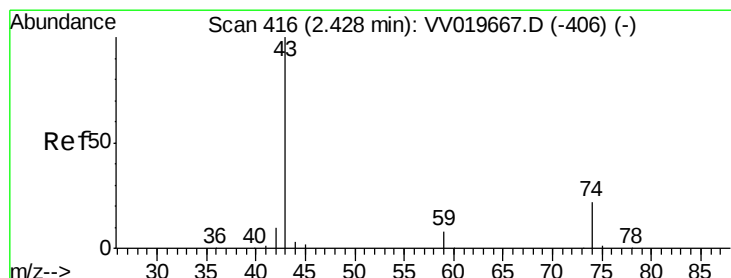
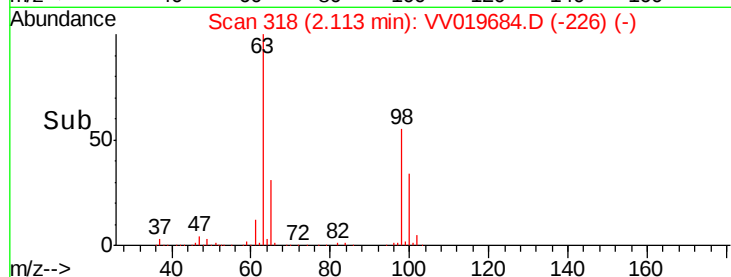
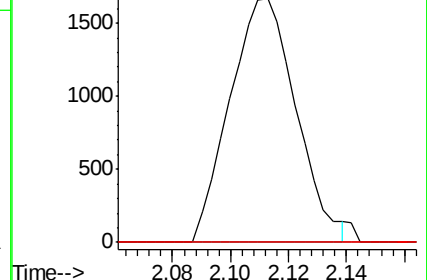
151 0.0 55.8 83.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#15

Methyl Acetate

Concen: 1.885 ug/L

RT: 2.37 min Scan# 399

Delta R.T. -0.05 min

Lab File: VV019684.D

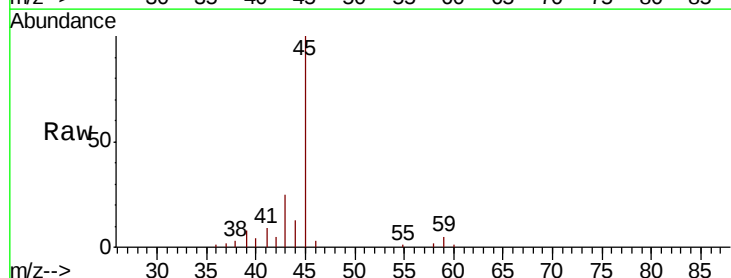
Acq: 16 Dec 2020 18:59

Tgt Ion: 43 Resp: 7547

Ion Ratio Lower Upper

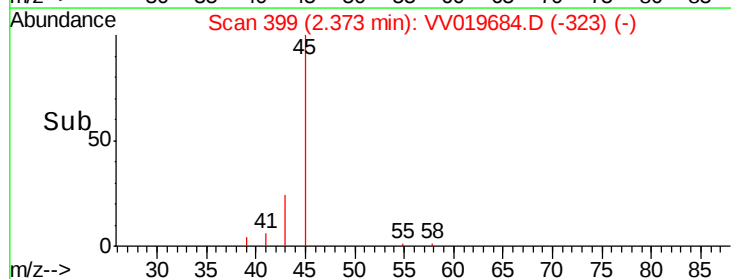
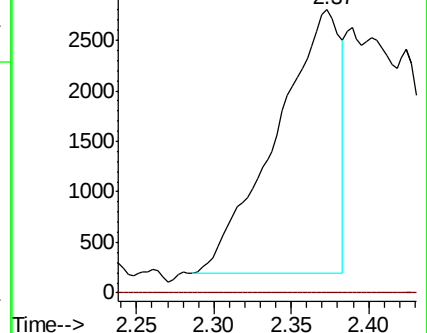
43 100

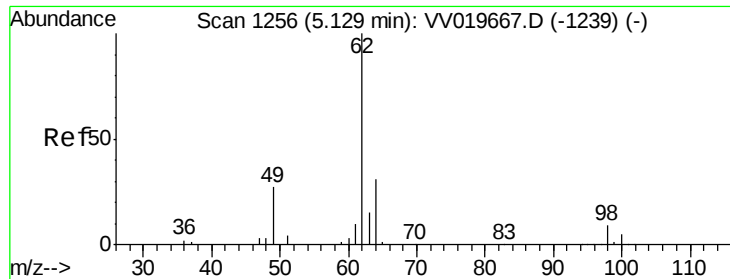
74 0.0 18.2 27.4#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0

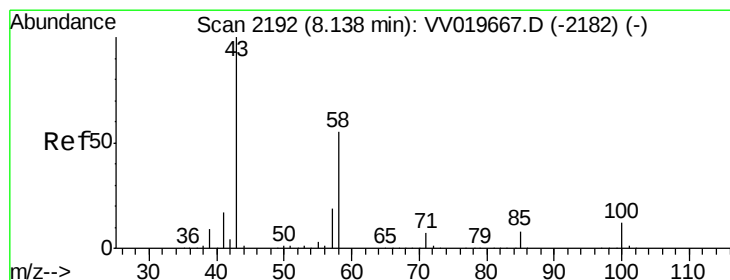
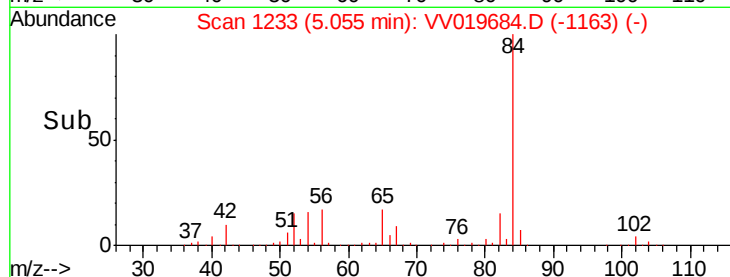
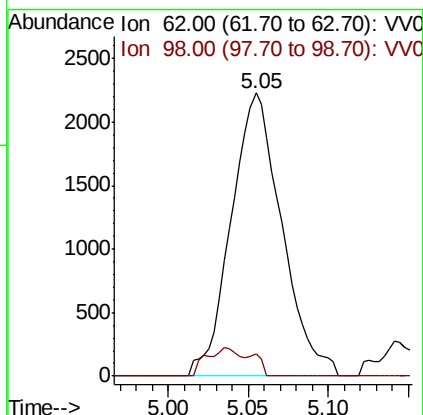
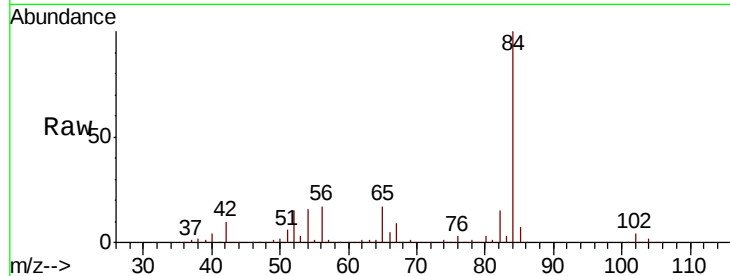




#27
 1,2-Dichloroethane
 Concen: 0.831 ug/L
 RT: 5.05 min Scan# 1233
 Delta R.T. -0.07 min
 Lab File: VV019684.D
 Acq: 16 Dec 2020 18:59

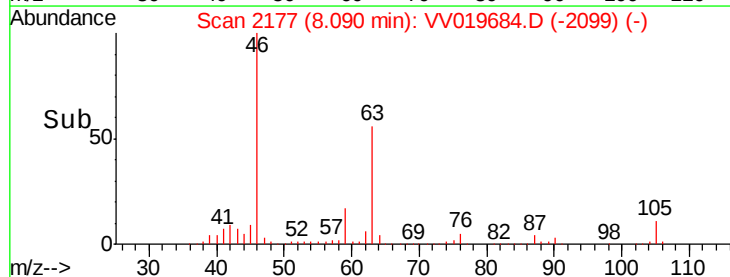
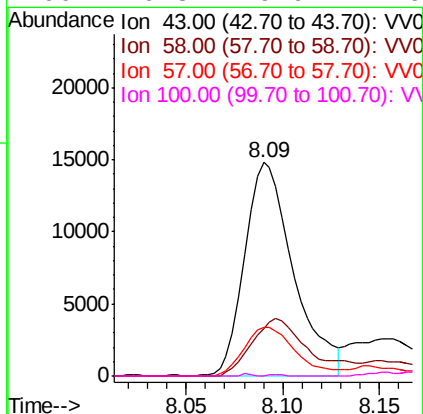
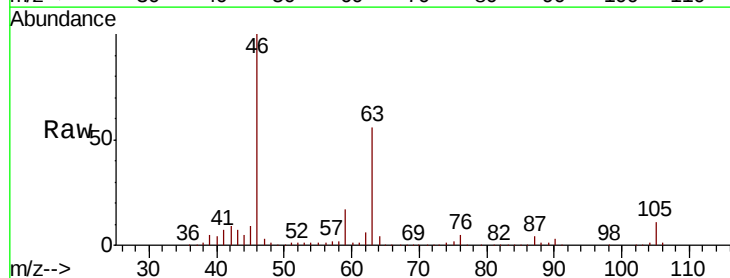
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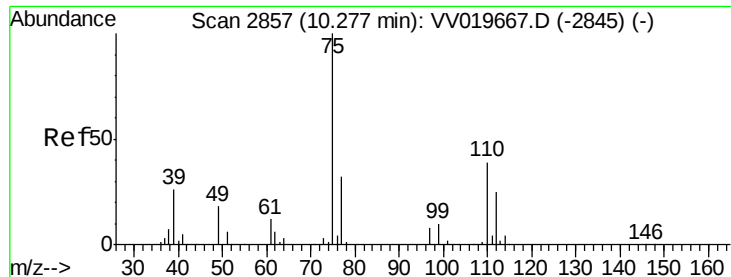
Tot Ion: 62 Resp: 4820
 Ion Ratio Lower Upper
 62 100
 98 7.7 7.4 11.0



#48
 2-Hexanone
 Concen: 6.152 ug/L
 RT: 8.09 min Scan# 2177
 Delta R.T. -0.05 min
 Lab File: VV019684.D
 Acq: 16 Dec 2020 18:59

Tgt Ion: 43 Resp: 26106
 Ion Ratio Lower Upper
 43 100
 58 27.6 44.4 66.6#
 57 24.2 15.7 23.5#
 100 0.3 9.9 14.9#





#59

1,2,3-Trichloropropane

Concen: 6.415 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.98 min

Lab File: VV019684.D

Acq: 16 Dec 2020 18:59

Instrument :

MSVOA_V

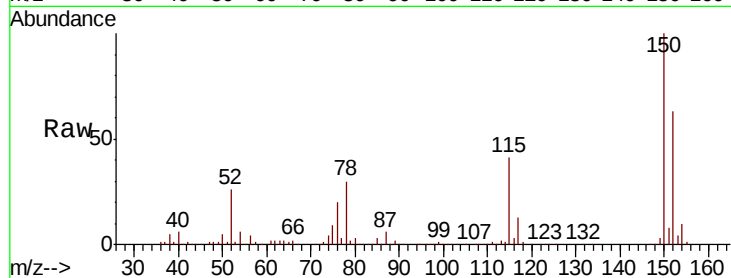
ClientSampleId :

Tot Ion: 75 Resp: 30930

Ion Ratio Lower Upper

75 100

77 39.2 25.8 38.8#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

