

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102320\
 Data File : VV019092.D
 Acq On : 23 Oct 2020 15:20
 Operator : SY/MD
 Sample : L4471-18
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 24 03:33:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 24 03:31:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	268791	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	265718	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	129381	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	113103	46.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.64%
7) Chloroethane-d5	1.58	69	92468	47.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.10%
11) 1,1-Dichloroethene-d2	2.12	63	178143	38.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.90%
21) 2-Butanone-d5	3.91	46	149533	91.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.05%
24) Chloroform-d	4.38	84	204180	47.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.62%
26) 1,2-Dichloroethane-d4	5.06	65	146811	51.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.26%
32) Benzene-d6	5.07	84	397197	48.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.74%
36) 1,2-Dichloropropane-d6	6.09	67	124422	47.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.52%
41) Toluene-d8	7.34	98	355064	48.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.70%
43) trans-1,3-Dichloropropene-	7.64	79	63625	47.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.32%
47) 2-Hexanone-d5	8.11	63	105356	92.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.03%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	154641	44.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.26%
64) 1,2-Dichlorobenzene-d4	11.65	152	143282	52.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

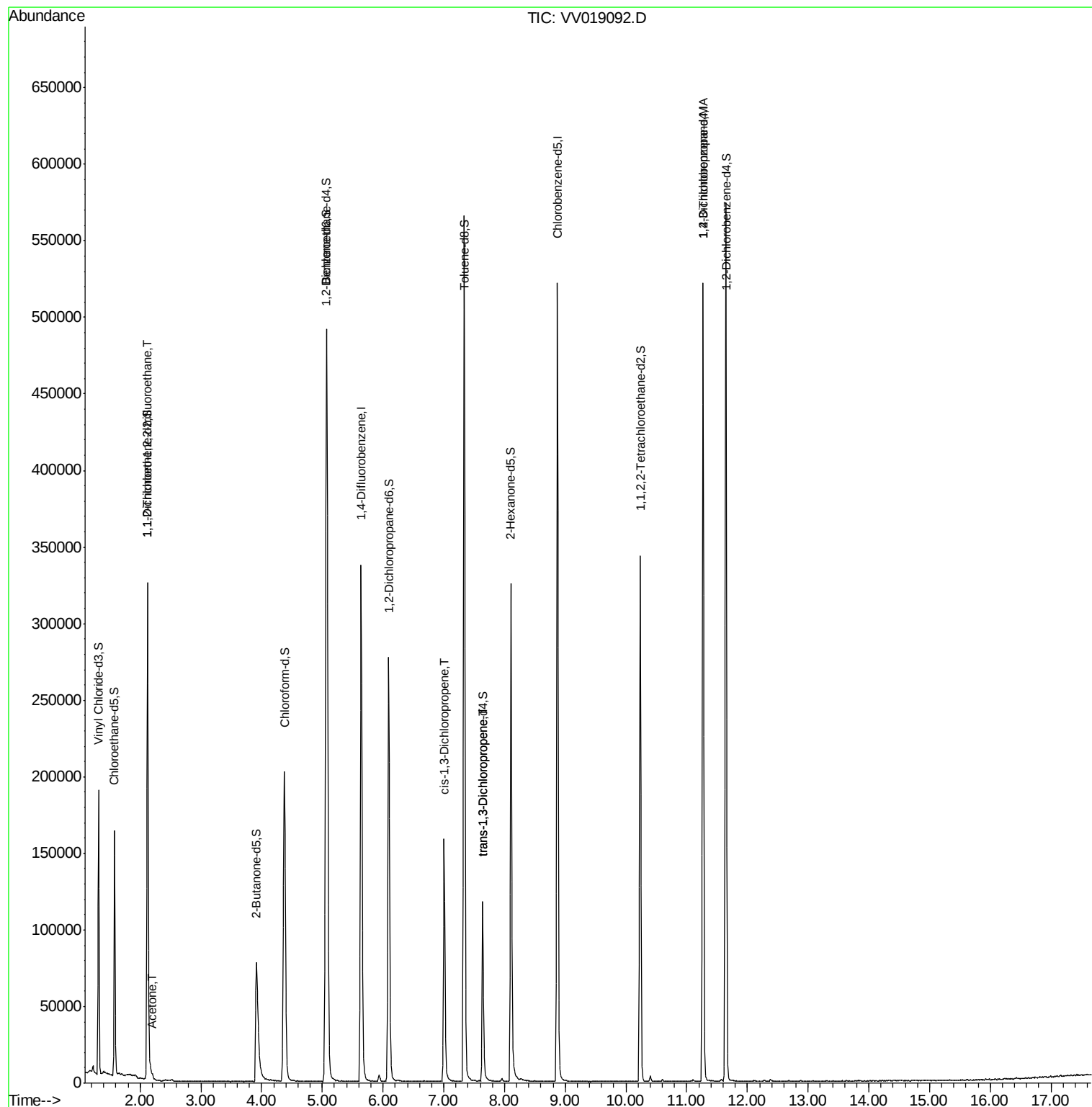
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1530	0.853 ug/L #	20
13) Acetone	2.20	43	3685	3.311 ug/L	85
39) cis-1,3-Dichloropropene	7.01	75	3926	1.186 ug/L #	62
44) trans-1,3-Dichloropropene	7.65	75	3362	1.024 ug/L	96
59) 1,2,3-Trichloropropane	11.27	75	15598	5.957 ug/L	90

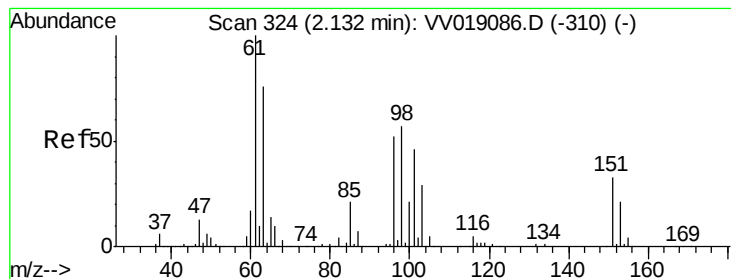
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Oct 24 03:31:32 2020
Response via : Initial Calibration





#10

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

Concen: 0.853 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019092.D

Acq: 23 Oct 2020 15:20

Instrument :

MSVOA_V

ClientSampled :

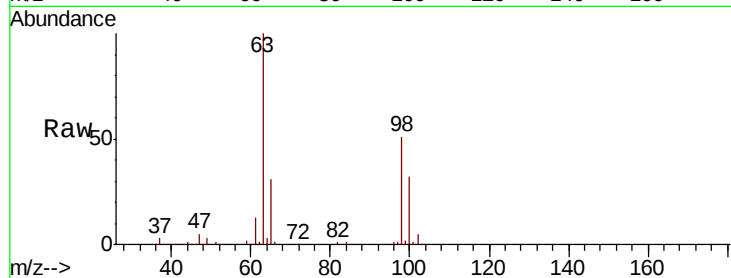
Tot Ion:101 Resp: 1530

Ion Ratio Lower Upper

101 100

85 0.0 36.9 55.3#

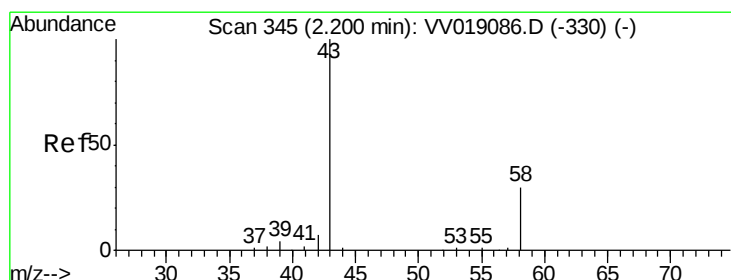
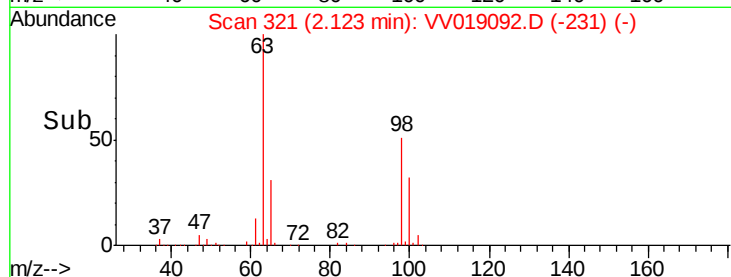
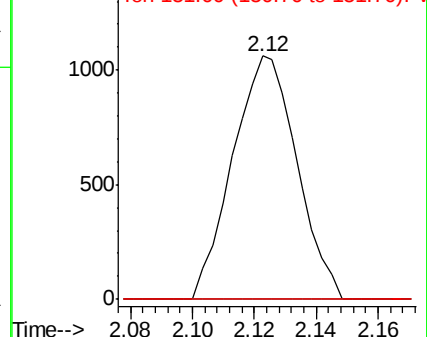
151 0.0 58.2 87.2#



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



#13

Acetone

Concen: 3.311 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.00 min

Lab File: VV019092.D

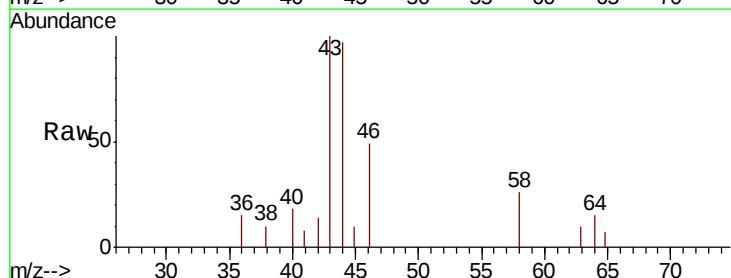
Acq: 23 Oct 2020 15:20

Tgt Ion: 43 Resp: 3685

Ion Ratio Lower Upper

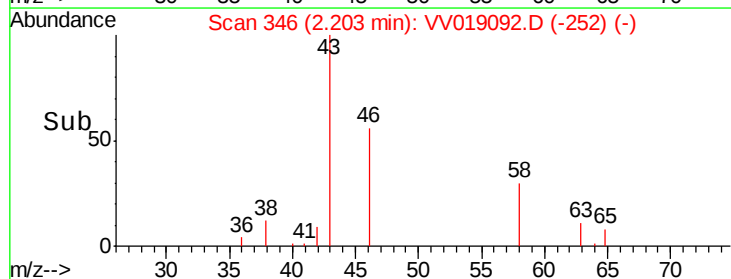
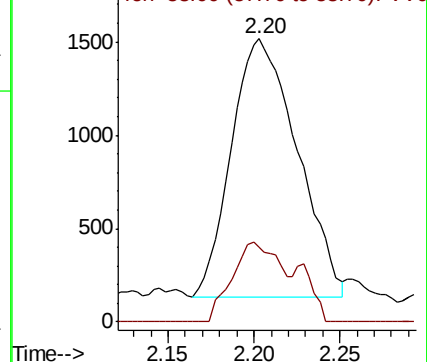
43 100

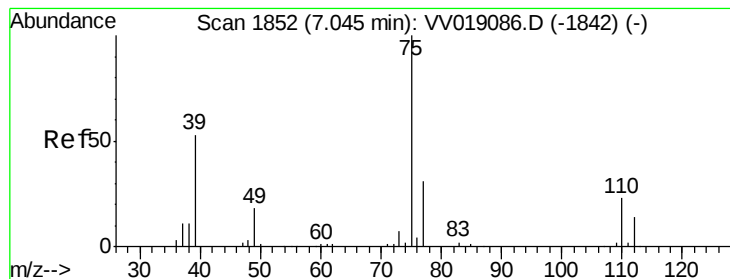
58 22.0 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



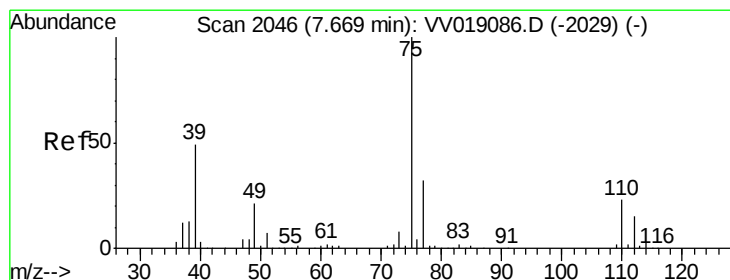
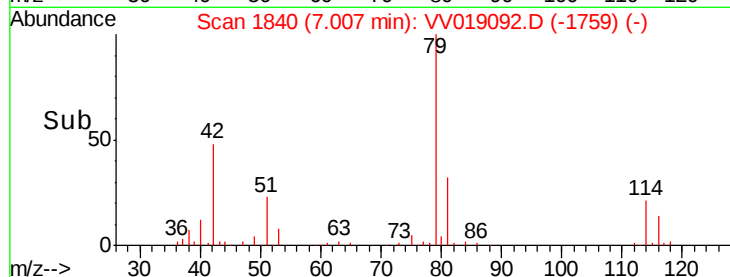
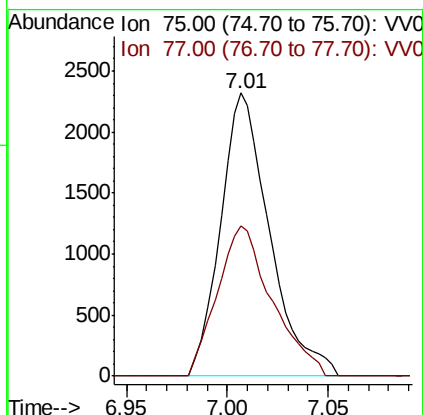
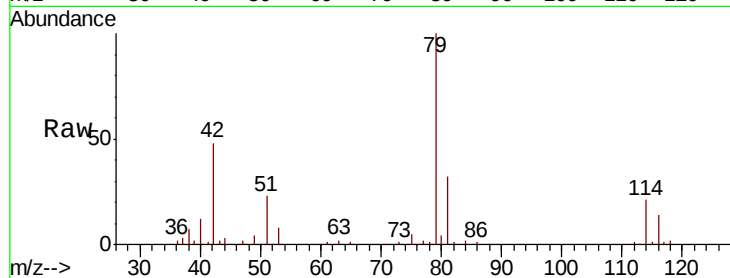


#39

cis-1,3-Dichloropropene
Concen: 1.186 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV019092.D
Acq: 23 Oct 2020 15:20

Instrument :
MSVOA_V
ClientSampled :

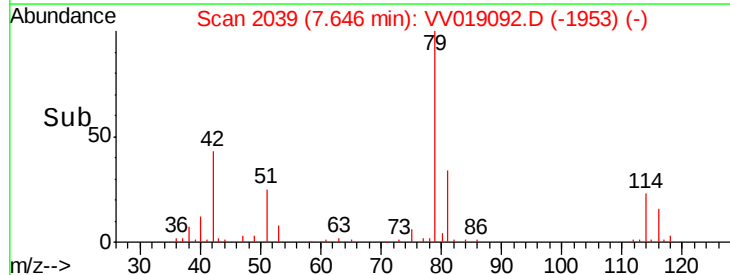
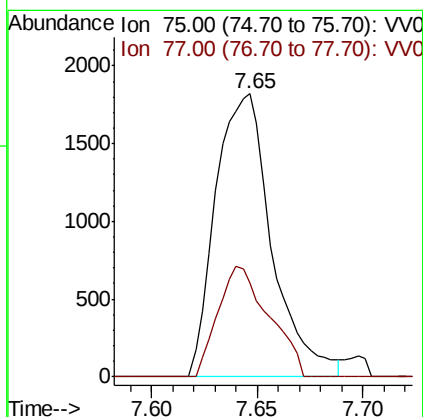
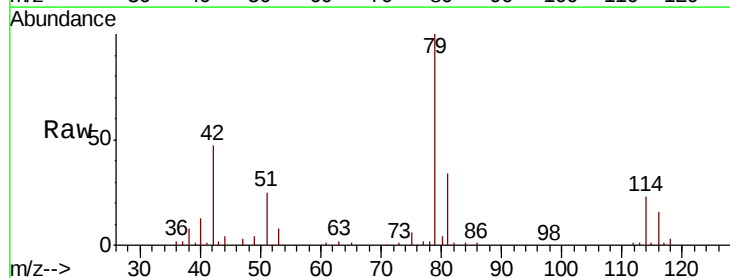
Tot Ion: 75 Resp: 3926
Ion Ratio Lower Upper
75 100
77 52.9 22.1 41.1#

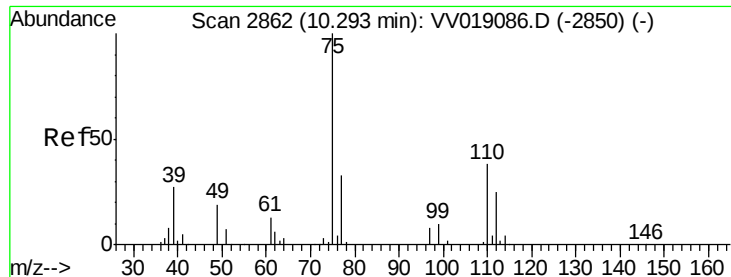


#44

trans-1,3-Dichloropropene
Concen: 1.024 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.02 min
Lab File: VV019092.D
Acq: 23 Oct 2020 15:20

Tgt Ion: 75 Resp: 3362
Ion Ratio Lower Upper
75 100
77 33.0 21.5 39.9





#59

1,2,3-Trichloropropane

Concen: 5.957 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019092.D

Acq: 23 Oct 2020 15:20

Instrument :

MSVOA_V

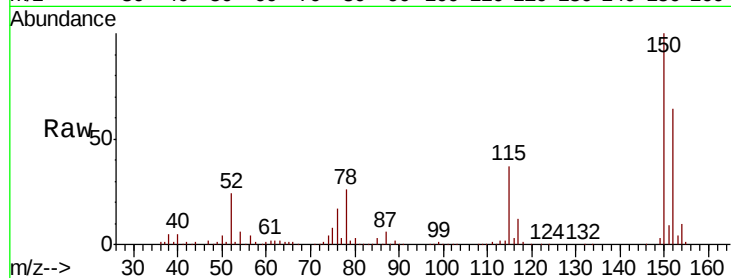
ClientSampleId :

Tot Ion: 75 Resp: 15598

Ion Ratio Lower Upper

75 100

77 38.2 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

