

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051920\
 Data File : VU038227.D
 Acq On : 19 May 2020 11:46
 Operator : JC/MD
 Sample : VU0519WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 20 01:26:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 20 01:25:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	350608	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	341962	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	163110	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	143650	4.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.60%
7) Chloroethane-d5	1.93	69	120129	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.60%
11) 1,1-Dichloroethene-d2	2.59	63	176035	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	4.68	46	417840	52.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.62%
24) Chloroform-d	5.10	84	219004	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.74	65	132047	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.76	84	471485	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.72	67	153882	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.92	98	413816	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	8.20	79	58584	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.65	63	315770	50.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.94%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	125112	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	150789	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

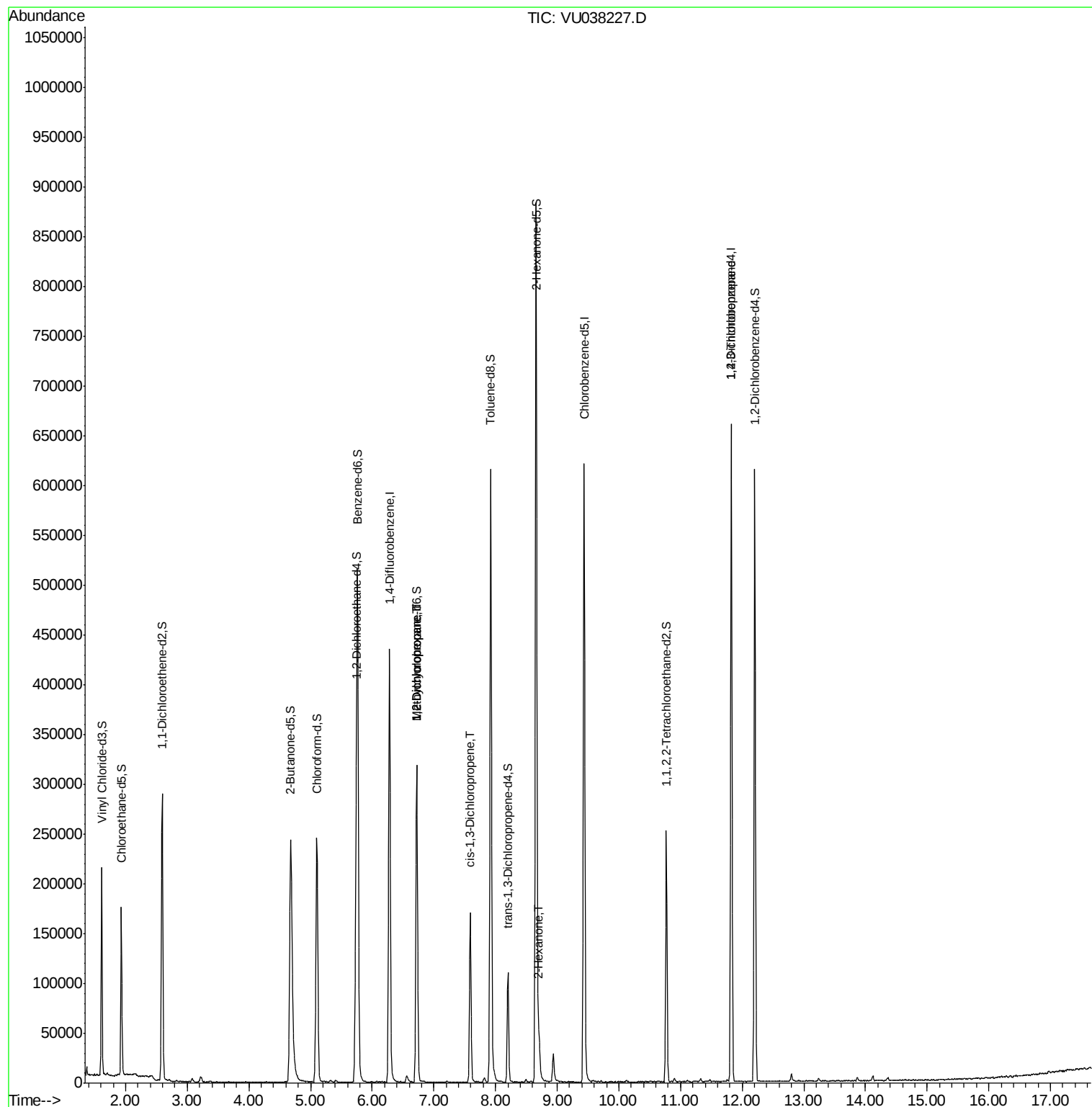
					Ovalue
35) Methylcyclohexane	6.72	83	33936	0.765 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	16460	0.553 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3985	0.094 ug/L #	38
48) 2-Hexanone	8.71	43	22821	1.512 ug/L #	92
59) 1,2,3-Trichloropropane	11.82	75	22108	1.107 ug/L #	88

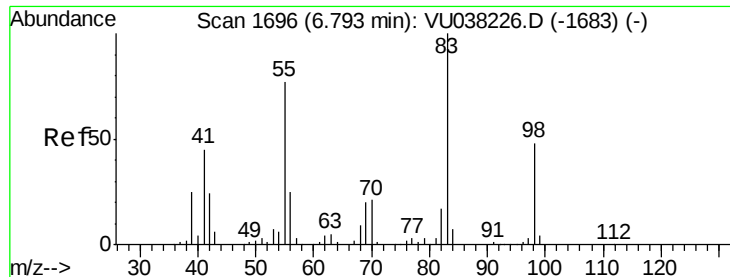
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 20 01:25:15 2020
Response via : Initial Calibration

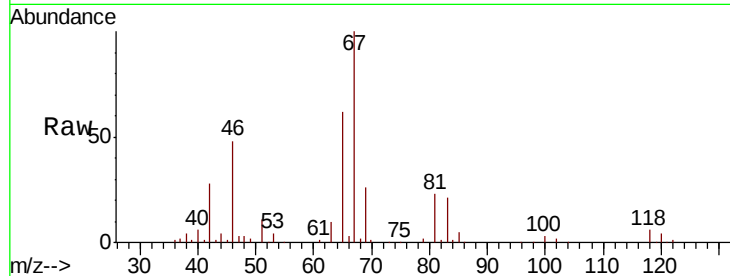




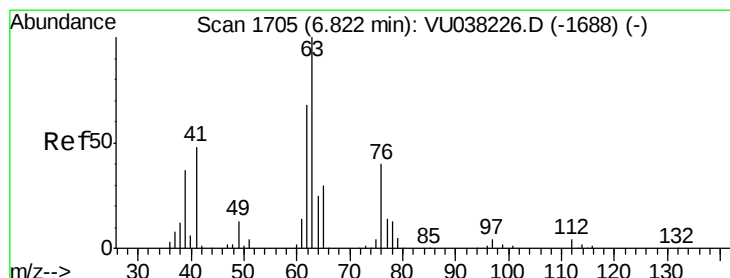
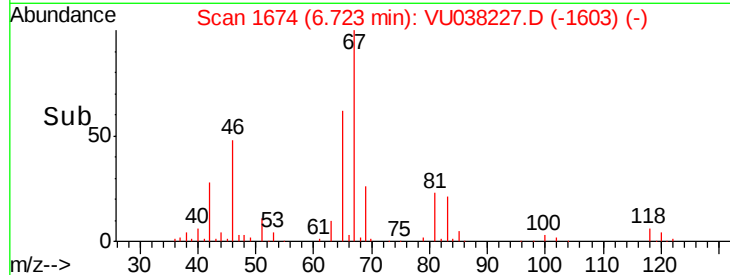
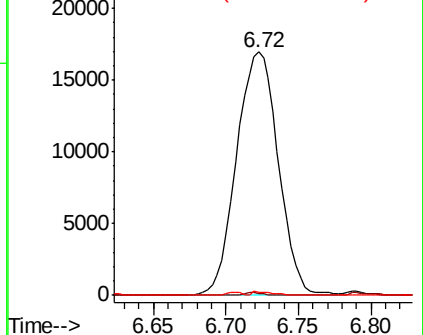
#35
Methvlcvclohexane
Concen: 0.765 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038227.D
Acq: 19 May 2020 11:46

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 33936
Ion Ratio Lower Upper
83 100
55 0.4 66.7 100.1#
98 0.8 39.4 59.2#

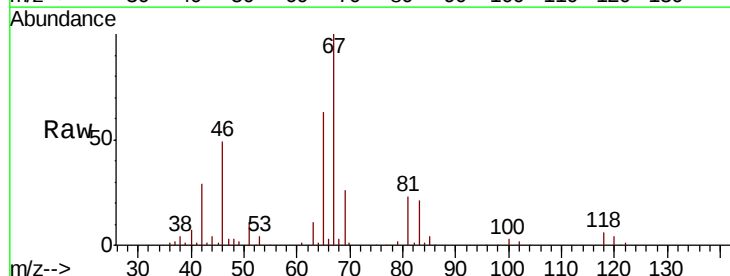


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

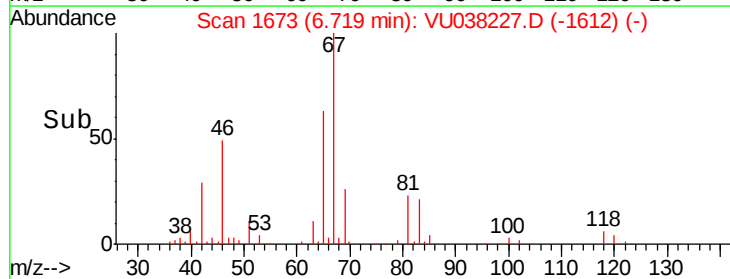
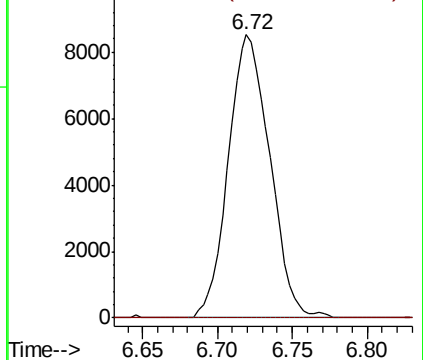


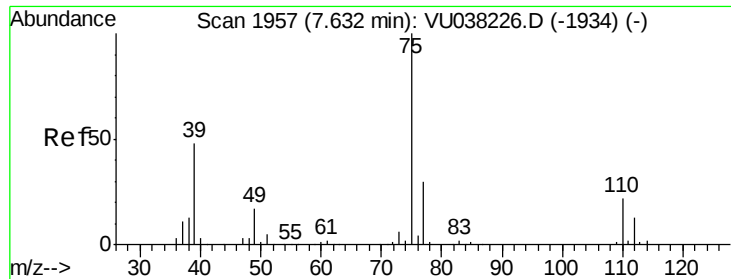
#37
1,2-Dichloropropane
Concen: 0.553 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038227.D
Acq: 19 May 2020 11:46

Tgt Ion: 63 Resp: 16460
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

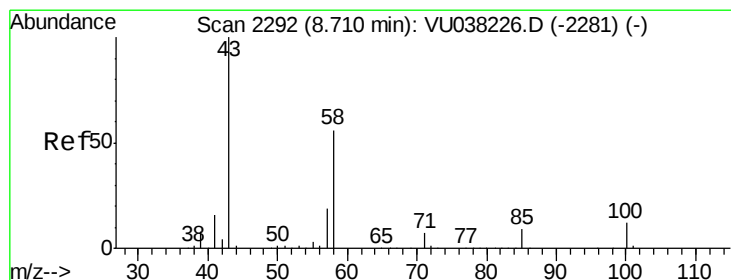
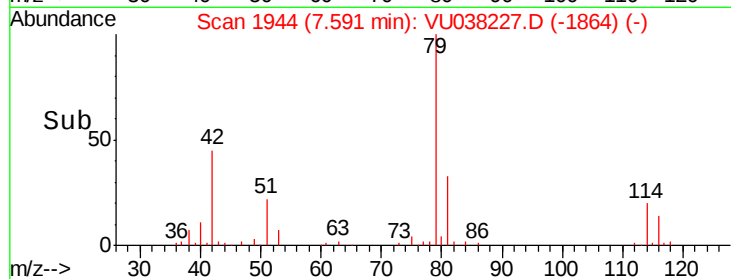
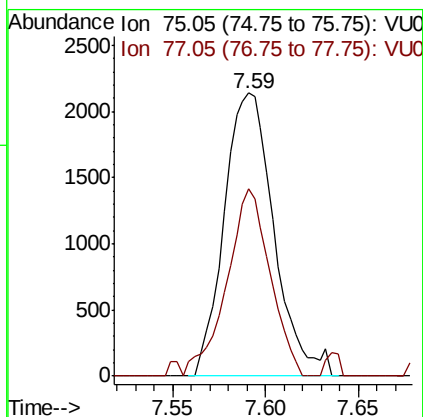
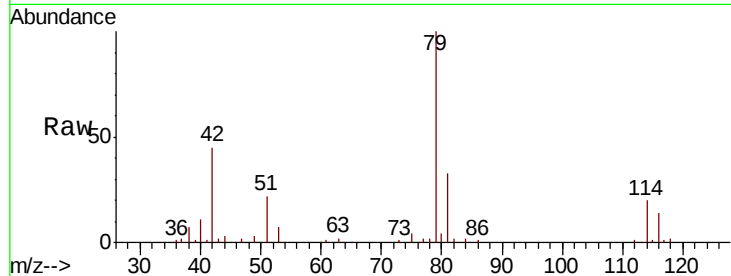




#39
 cis-1,3-Dichloropropene
 Concen: 0.094 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038227.D
 Acq: 19 May 2020 11:46

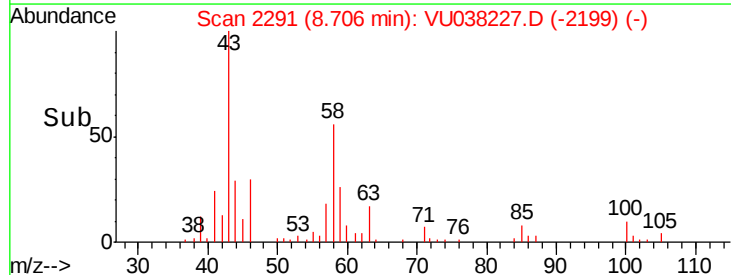
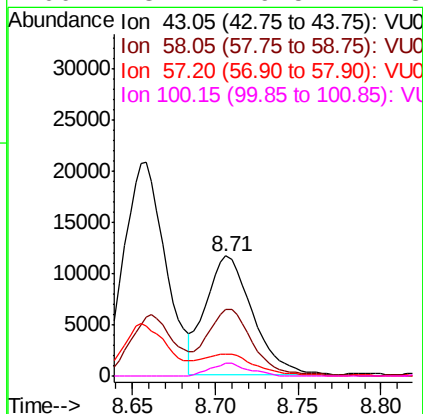
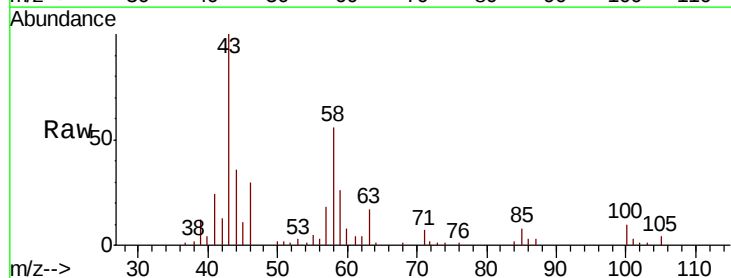
Instrument :
 MSVOA_U
 ClientSampled :

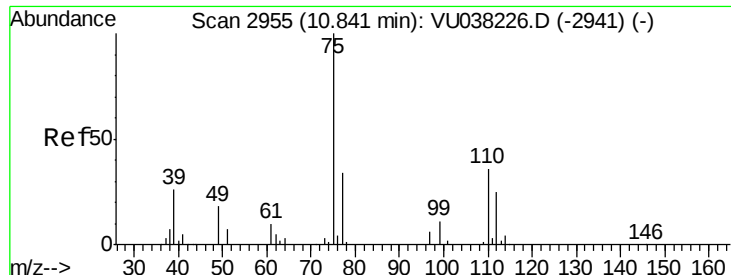
Tot Ion: 75 Resp: 3985
 Ion Ratio Lower Upper
 75 100
 77 66.4 22.4 41.6#



#48
 2-Hexanone
 Concen: 1.512 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU038227.D
 Acq: 19 May 2020 11:46

Tgt Ion: 43 Resp: 22821
 Ion Ratio Lower Upper
 43 100
 58 49.6 45.2 67.8
 57 20.7 15.5 23.3
 100 8.7 9.5 14.3#





#59

1,2,3-Trichloropropane

Concen: 1.107 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038227.D

Acq: 19 May 2020 11:46

Instrument :

MSVOA_U

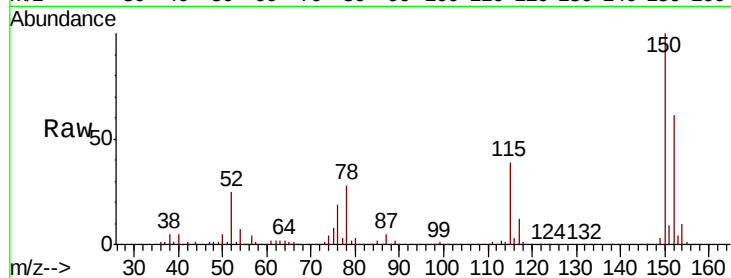
ClientSampleId :

Tot Ion: 75 Resp: 22108

Ion Ratio Lower Upper

75 100

77 38.1 25.4 38.0#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

