

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083018\
 Data File : VU026469.D
 Acq On : 31 Aug 2018 00:18
 Operator : MD/SY
 Sample : J4694-08 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 31 05:45:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 31 05:38:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	156958	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	146218	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	63108	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	40588	41.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.48%
7) Chloroethane-d5	1.68	69	37826	43.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.14%
11) 1,1-Dichloroethene-d2	2.27	63	56482	25.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.58%#
21) 2-Butanone-d5	4.18	46	65988	87.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.43%
24) Chloroform-d	4.65	84	76363	41.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.14%
26) 1,2-Dichloroethane-d4	5.31	65	52614	43.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.06%
32) Benzene-d6	5.34	84	152136	45.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.28%
36) 1,2-Dichloropropane-d6	6.33	67	53536	46.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.48%
41) Toluene-d8	7.57	98	138879	42.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.38%
43) trans-1,3-Dichloropropene-	7.85	79	22606	42.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.52%
47) 2-Hexanone-d5	8.31	63	48500	91.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.34%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	74023	43.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	55113	48.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.26%

Target Compounds

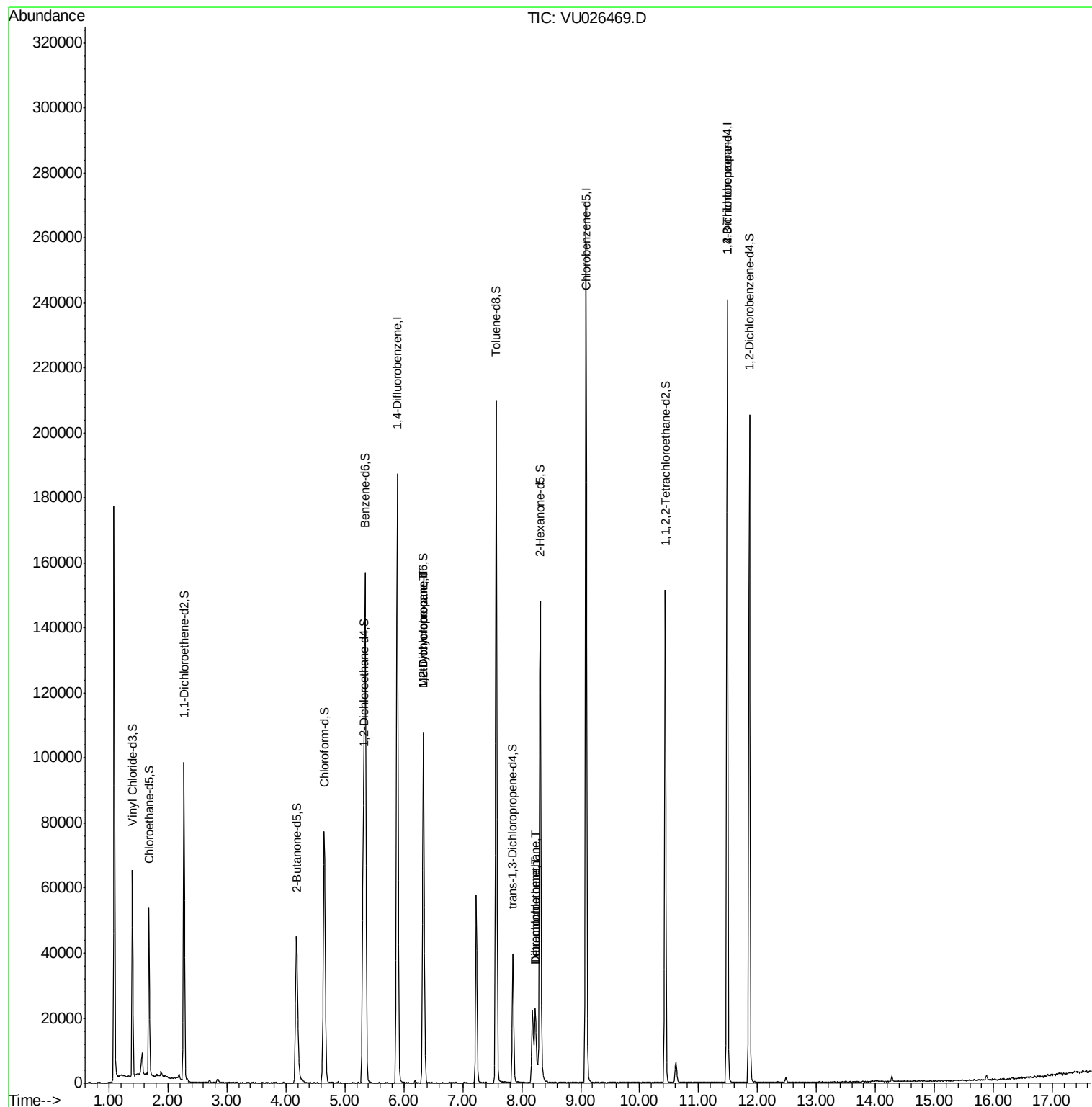
					Ovalue
35) Methylcyclohexane	6.33	83	11932	7.268	ug/L # 17
37) 1,2-Dichloropropane	6.33	63	5258	4.531	ug/L # 88
46) Tetrachloroethene	8.23	164	4008	4.662	ug/L # 90
49) Dibromochloromethane	8.23	129	3538	2.954	ug/L # 10
59) 1,2,3-Trichloropropane	11.48	75	7348	5.074	ug/L # 89

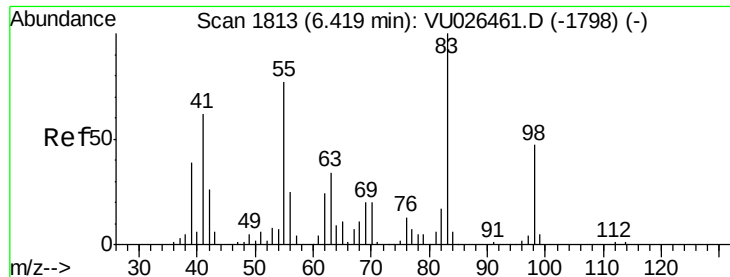
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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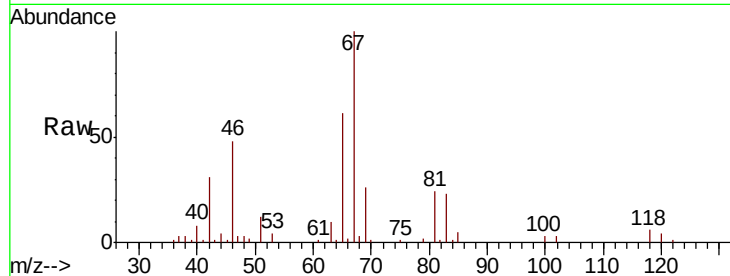




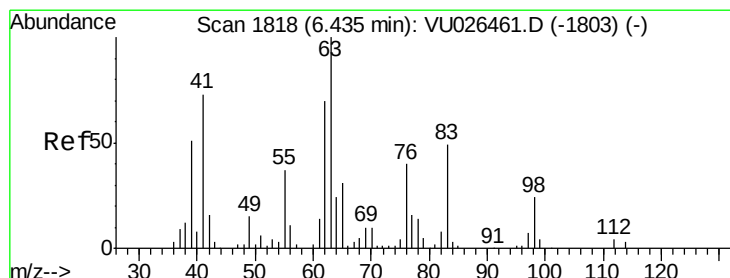
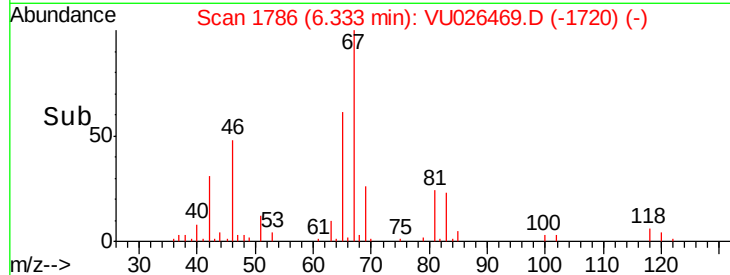
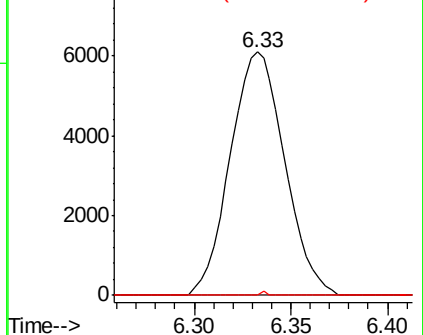
#35
Methvlcvclohexane
Concen: 7.268 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.09 min
Lab File: VU026469.D
Acq: 31 Aug 2018 00:18

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 11932
Ion Ratio Lower Upper
83 100
55 0.0 63.3 94.9#
98 0.0 36.7 55.1#

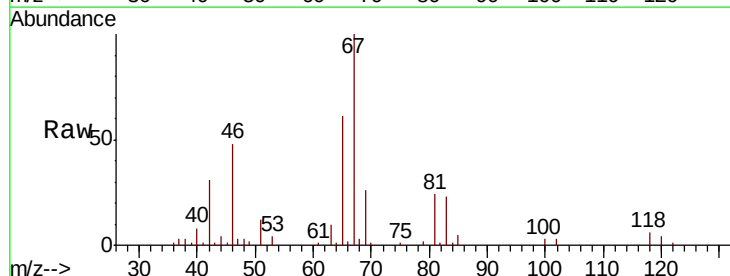


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

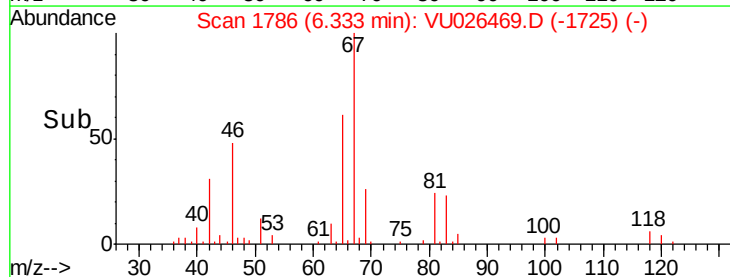
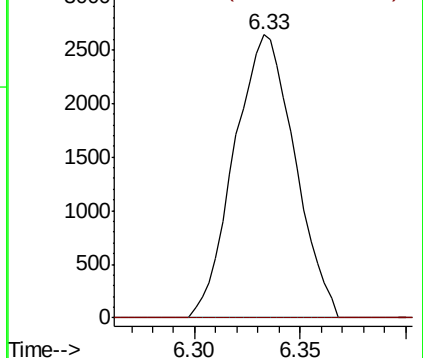


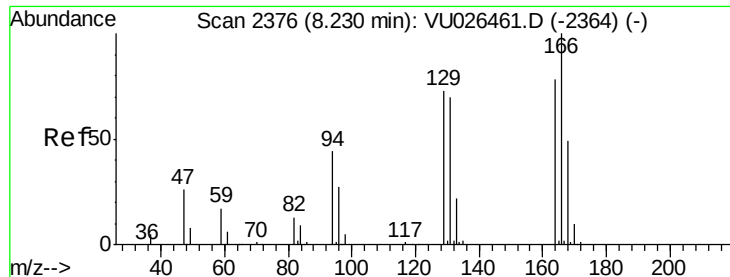
#37
1,2-Dichloropropane
Concen: 4.531 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.10 min
Lab File: VU026469.D
Acq: 31 Aug 2018 00:18

Tgt Ion: 63 Resp: 5258
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V

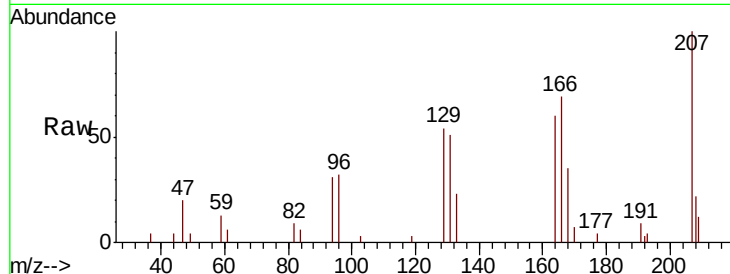




#46
Tetrachloroethene
Concen: 4.662 ug/L
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU026469.D
Acq: 31 Aug 2018 00:18

Instrument :
MSVOA_U
ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
129	89.4	67.3	125.1
131	84.4	65.3	121.3
166	114.2	90.9	168.7



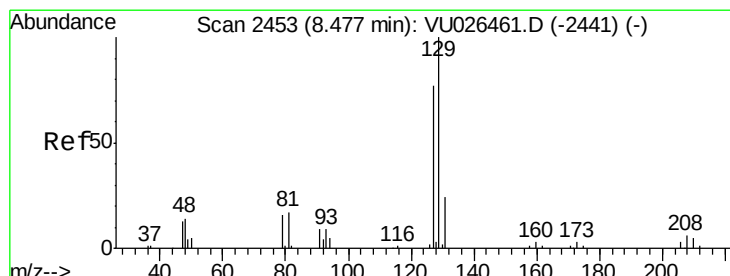
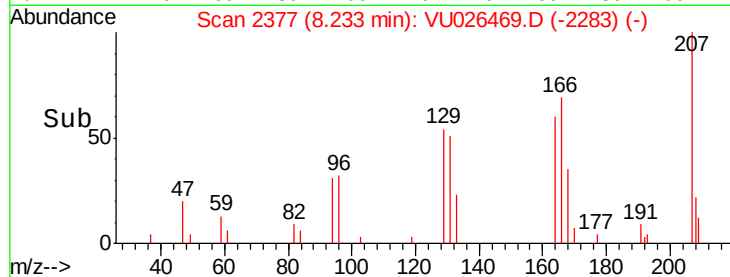
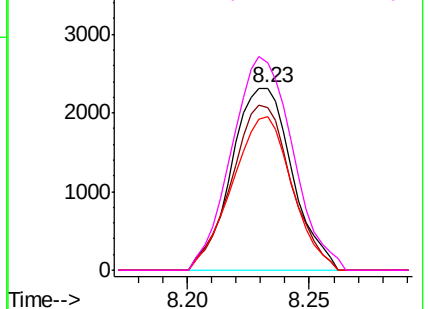
Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

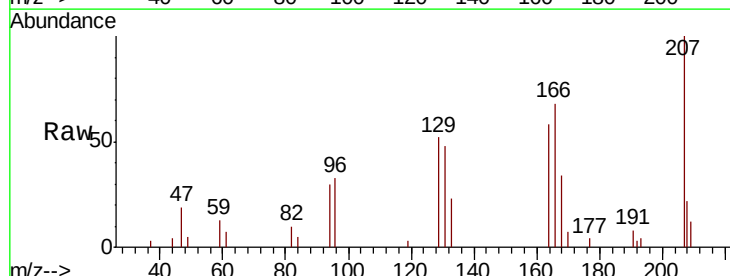
Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49
Dibromochloromethane
Concen: 2.954 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. -0.25 min
Lab File: VU026469.D
Acq: 31 Aug 2018 00:18

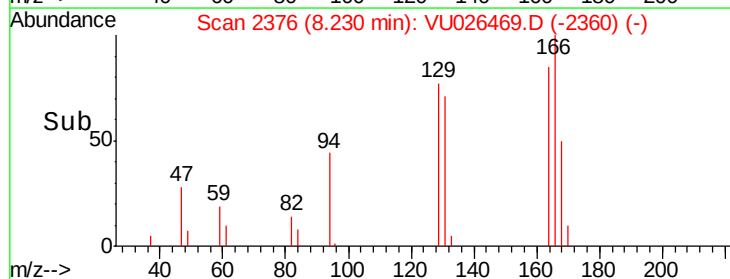
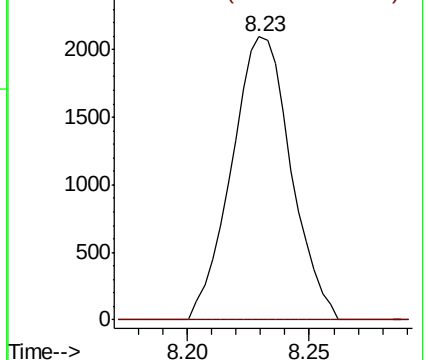
Tgt Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.0	102.2#

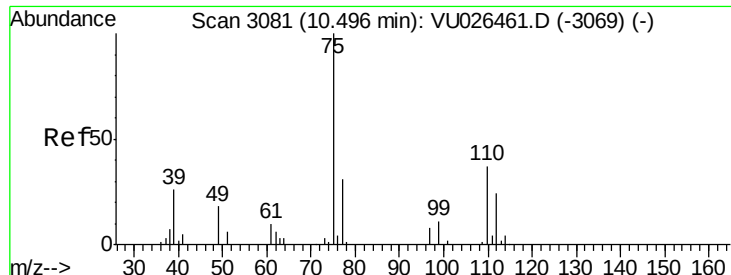


Abundance

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#59

1,2,3-Trichloropropane

Concen: 5.074 ug/L

RT: 11.48 min Scan# 3388

Delta R.T. 0.99 min

Lab File: VU026469.D

Acq: 31 Aug 2018 00:18

Instrument :

MSVOA_U

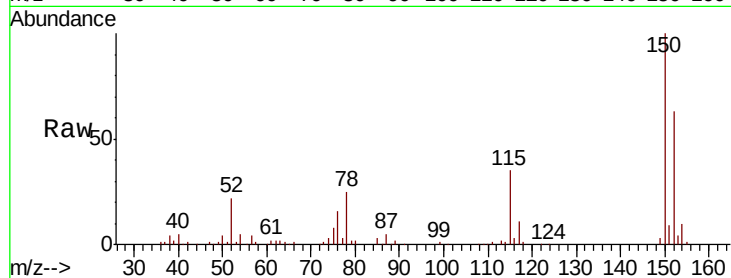
ClientSampleId :

Tot Ion: 75 Resp: 7348

Ion Ratio Lower Upper

75 100

77 37.4 25.0 37.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

