

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030620\
 Data File : VU037116.D
 Acq On : 06 Mar 2020 17:47
 Operator : JC/MD
 Sample : L1784-16 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 07 00:03:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 06 23:54:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	263700	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	249998	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	86440	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	88933	40.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.32%
7) Chloroethane-d5	1.93	69	81980	44.74	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.48%
11) 1,1-Dichloroethene-d2	2.59	63	117951	31.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.62%
21) 2-Butanone-d5	4.67	46	132371	89.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.11%
24) Chloroform-d	5.11	84	149279	44.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.28%
26) 1,2-Dichloroethane-d4	5.74	65	105234	45.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.96%
32) Benzene-d6	5.76	84	326453	45.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.32%
36) 1,2-Dichloropropane-d6	6.72	67	107282	45.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.60%
41) Toluene-d8	7.93	98	284611	42.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.86%
43) trans-1,3-Dichloropropene-	8.20	79	43163	39.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.30%
47) 2-Hexanone-d5	8.66	63	89328	78.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.00%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	144869	43.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.74%
64) 1,2-Dichlorobenzene-d4	12.21	152	79651	47.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.28%

Target Compounds

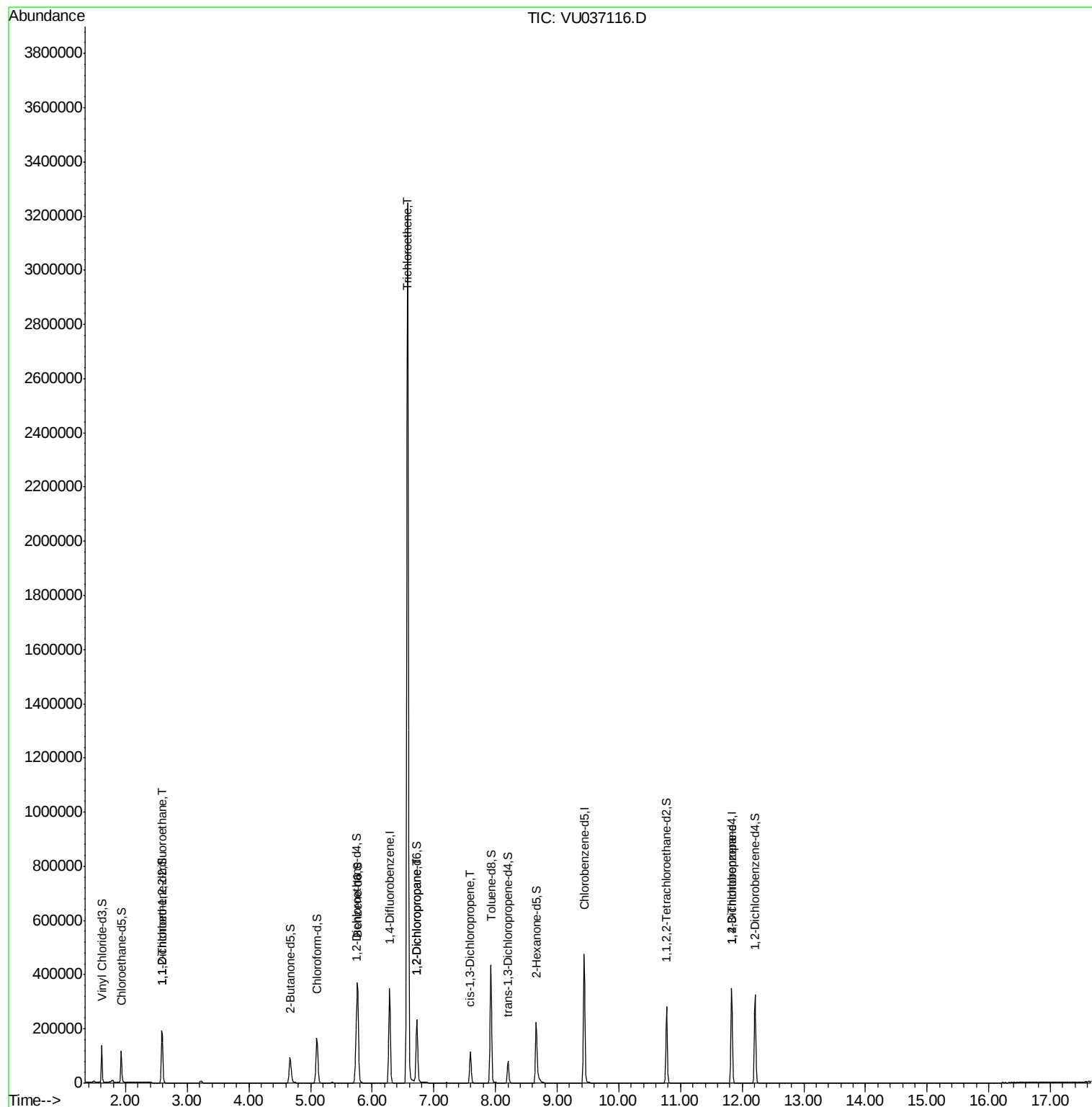
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	2023	1.201	ug/L #	52
34) Trichloroethene	6.57	95	1104736	569.113	ug/L	98
37) 1,2-Dichloropropane	6.72	63	11981	5.634	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3000	0.916	ug/L #	65
59) 1,2,3-Trichloropropane	11.83	75	13857	5.065	ug/L	95

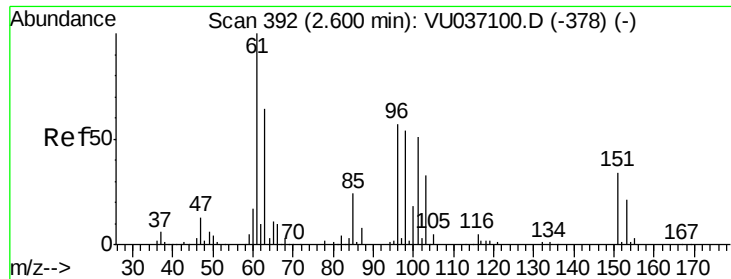
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Mar 06 23:54:55 2020
Response via : Initial Calibration





#10

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

Concen: 1.201 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.00 min

Lab File: VU037116.D

Acq: 06 Mar 2020 17:47

Instrument :

MSVOA_U

ClientSampled :

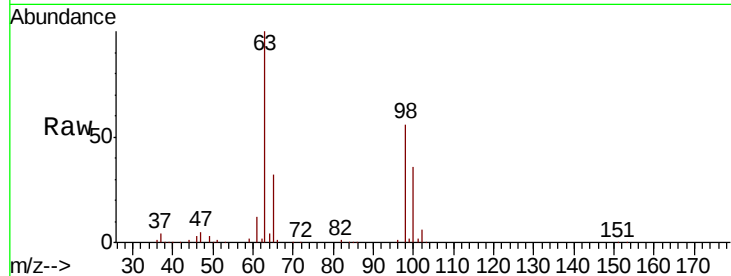
Tot Ion:101 Resp: 2023

Ion Ratio Lower Upper

101 100

85 16.6 36.4 54.6#

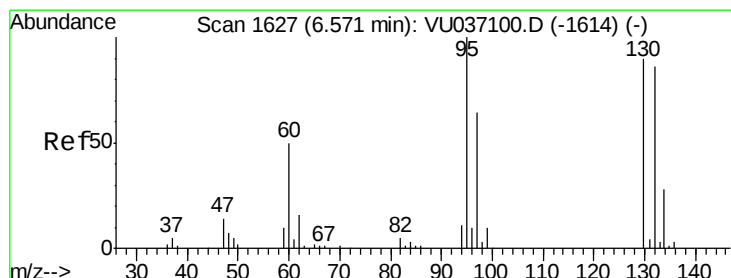
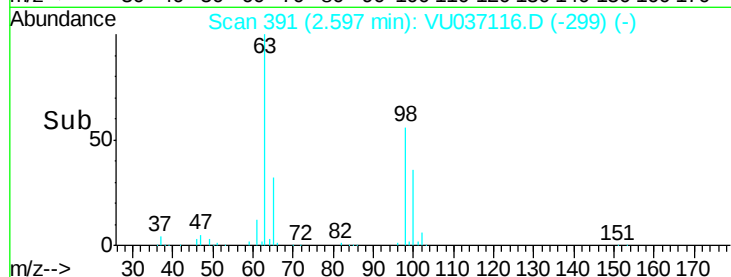
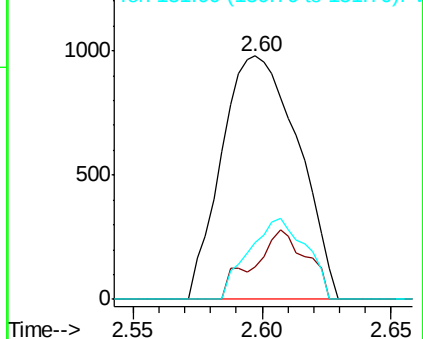
151 25.0 52.4 78.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#34

Trichloroethene

Concen: 569.113 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU037116.D

Acq: 06 Mar 2020 17:47

Tgt Ion: 95 Resp: 1104736

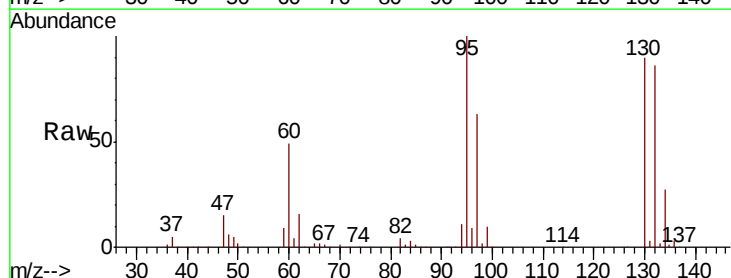
Ion Ratio Lower Upper

95 100

97 63.5 44.1 81.9

132 85.5 60.6 112.6

130 89.7 64.9 120.5

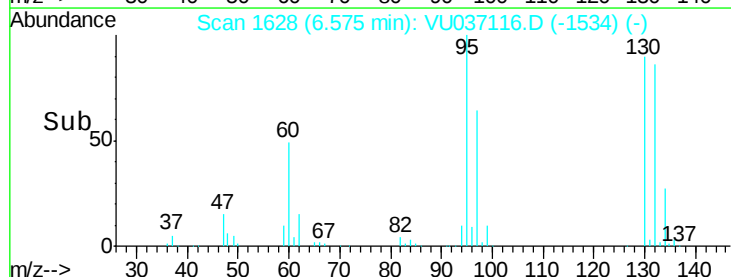
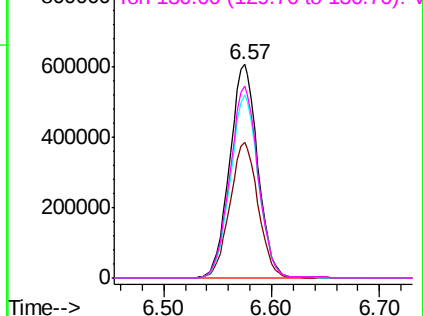


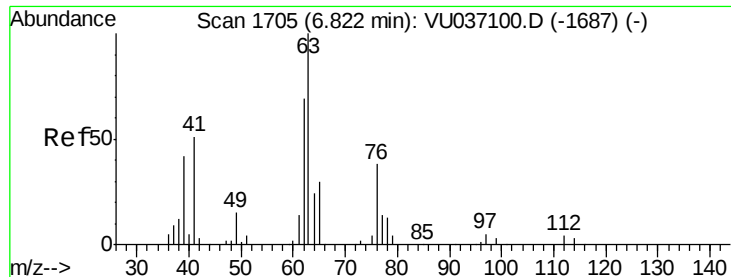
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

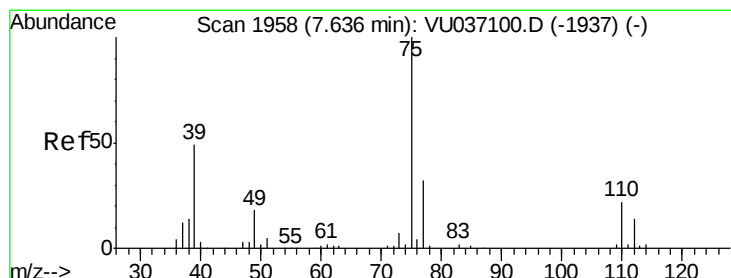
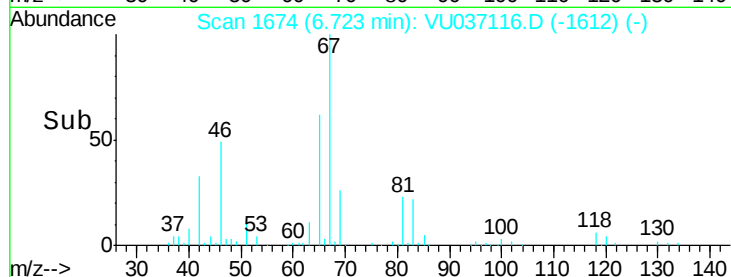
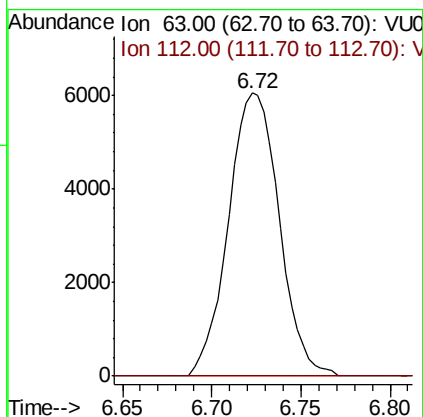
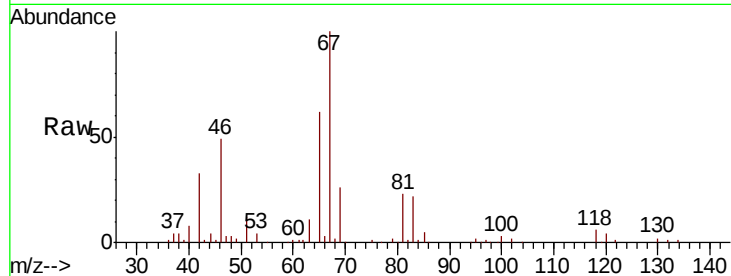




#37
 1,2-Dichloropropane
 Concen: 5.634 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU037116.D
 Acq: 06 Mar 2020 17:47

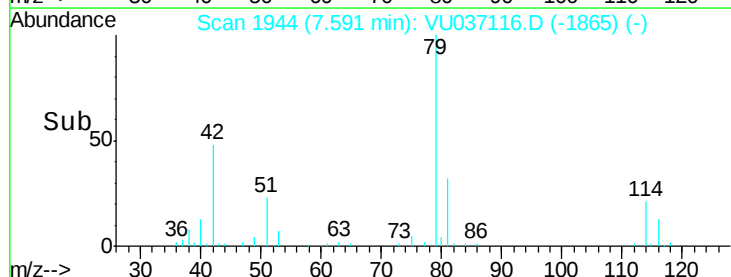
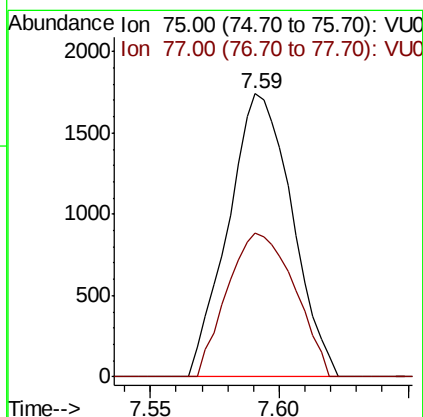
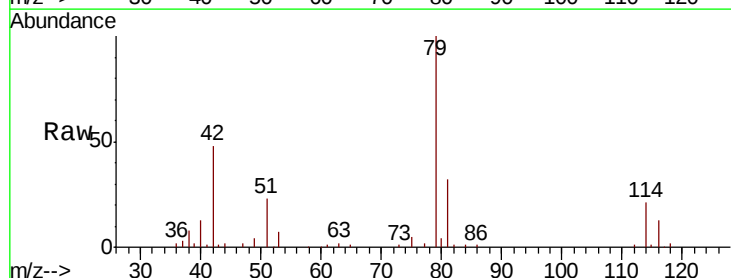
Instrument :
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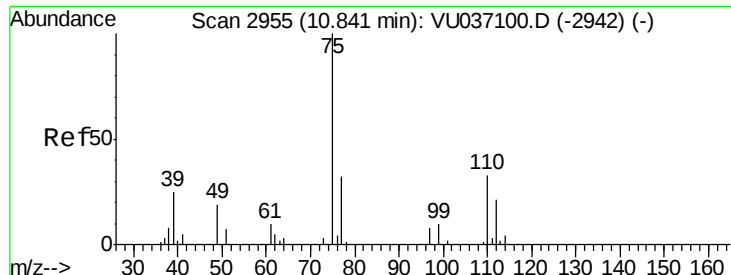
Tot Ion: 63 Resp: 11981
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.916 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU037116.D
 Acq: 06 Mar 2020 17:47

Tgt Ion: 75 Resp: 3000
 Ion Ratio Lower Upper
 75 100
 77 50.8 22.0 41.0#





#59

1,2,3-Trichloropropane

Concen: 5.065 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.99 min

Lab File: VU037116.D

Acq: 06 Mar 2020 17:47

Instrument :

MSVOA_U

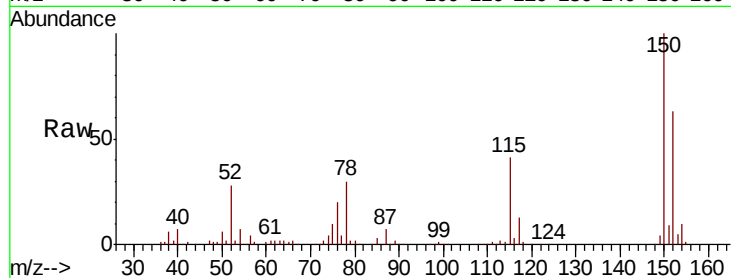
ClientSampleId :

Tot Ion: 75 Resp: 13857

Ion Ratio Lower Upper

75 100

77 35.7 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

