

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061720\
 Data File : VU038943.D
 Acq On : 17 Jun 2020 14:42
 Operator : SY/MD
 Sample : VU0617WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 18 04:09:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 18 04:07:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	313651	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	306489	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	149866	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	82787	3.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.00%
7) Chloroethane-d5	1.93	69	70953	3.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.60%
11) 1,1-Dichloroethene-d2	2.59	63	132776	3.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.20%
20) 2-Butanone-d5	4.68	46	261324	37.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.00%
24) Chloroform-d	5.10	84	172560	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.80%
26) 1,2-Dichloroethane-d4	5.74	65	103891	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
32) Benzene-d6	5.76	84	341855	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
36) 1,2-Dichloropropane-d6	6.72	67	105526	4.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.20%
41) Toluene-d8	7.92	98	283893	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.00%
43) trans-1,3-Dichloropropene-	8.20	79	47777	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.66	63	269742	45.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.24%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	97458	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	122870	4.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.80%

Target Compounds

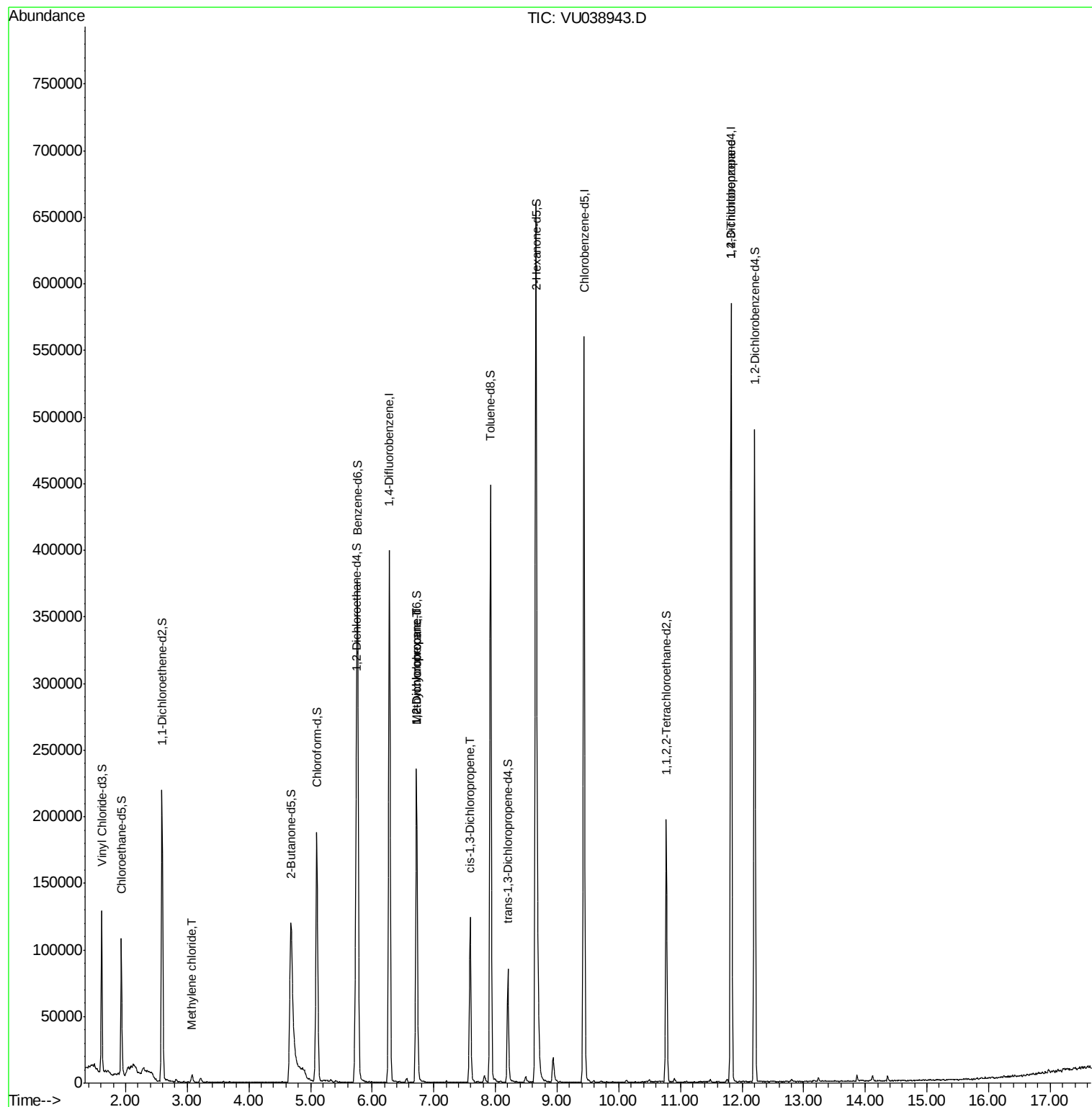
					Ovalue
16) Methylene chloride	3.08	84	2672	0.105 ug/L	96
35) Methylcyclohexane	6.72	83	26662	0.724 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	12650	0.529 ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	3246	0.092 ug/L #	64
59) 1,2,3-Trichloropropane	11.82	75	19142	1.038 ug/L	91

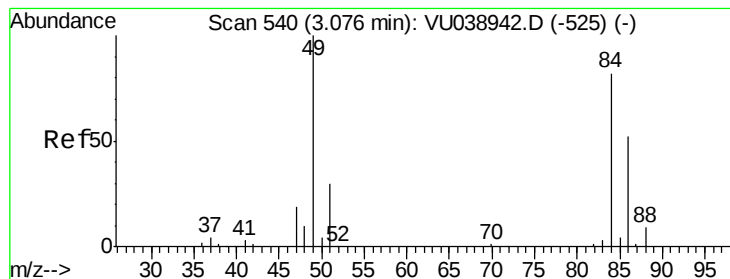
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 18 04:07:55 2020
Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.105 ug/L

RT: 3.08 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU038943.D

Acq: 17 Jun 2020 14:42

Instrument :

MSVOA_U

ClientSampleId :

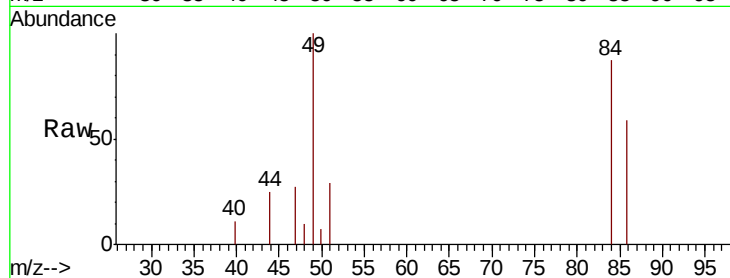
Tot Ion: 84 Resp: 2672

Ion Ratio Lower Upper

84 100

86 67.4 45.1 83.7

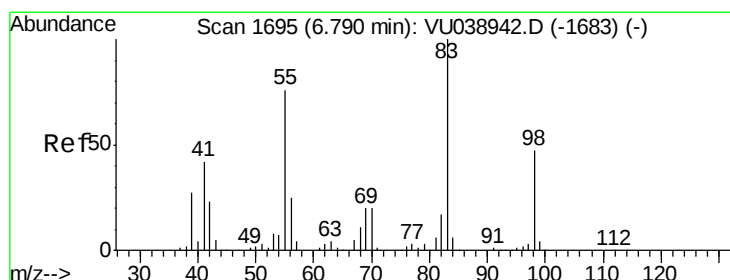
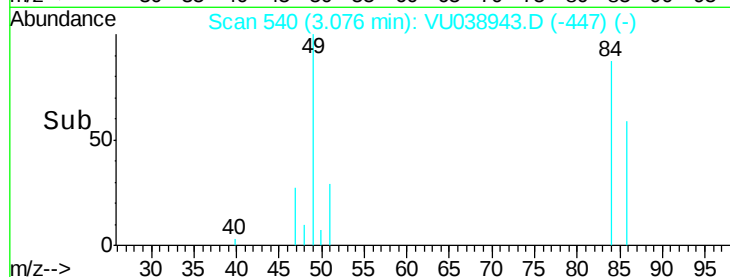
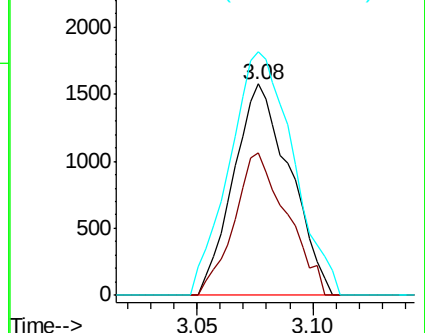
49 115.2 83.7 155.4



Abundance Ion 84.05 (83.75 to 84.75): VU038943.D (-447) (-)

Ion 86.00 (85.70 to 86.70): VU038943.D (-447) (-)

Ion 49.10 (48.80 to 49.80): VU038943.D (-447) (-)



#35

Methylcyclohexane

Concen: 0.724 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU038943.D

Acq: 17 Jun 2020 14:42

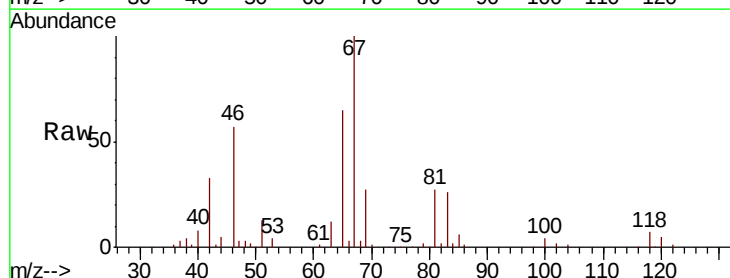
Tgt Ion: 83 Resp: 26662

Ion Ratio Lower Upper

83 100

55 0.0 61.8 92.8#

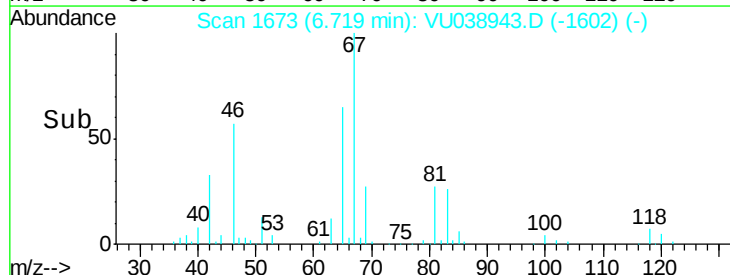
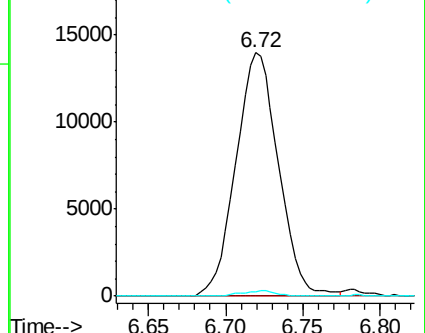
98 1.7 39.3 58.9#

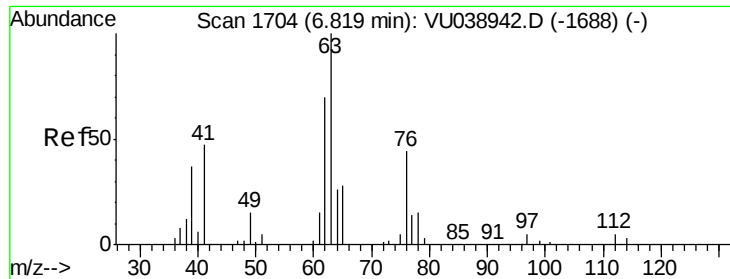


Abundance Ion 83.15 (82.85 to 83.85): VU038943.D (-1602) (-)

Ion 55.10 (54.80 to 55.80): VU038943.D (-1602) (-)

Ion 98.15 (97.85 to 98.85): VU038943.D (-1602) (-)

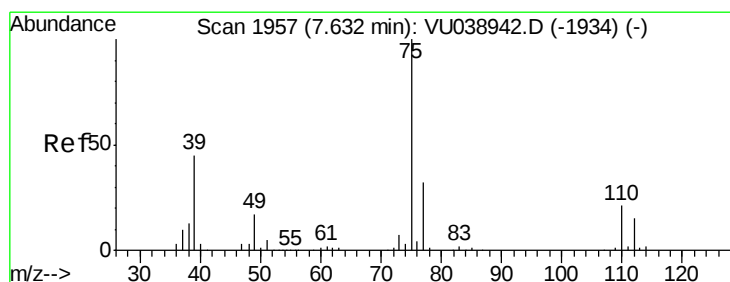
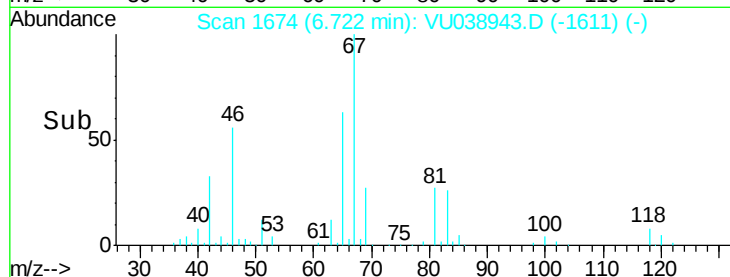
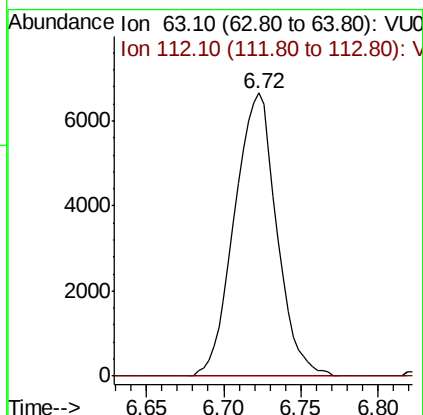
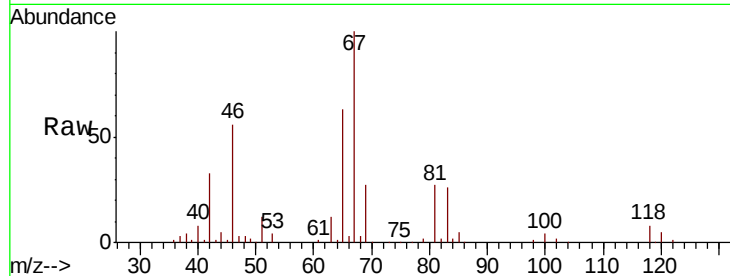




#37
 1,2-Dichloropropane
 Concen: 0.529 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU038943.D
 Acq: 17 Jun 2020 14:42

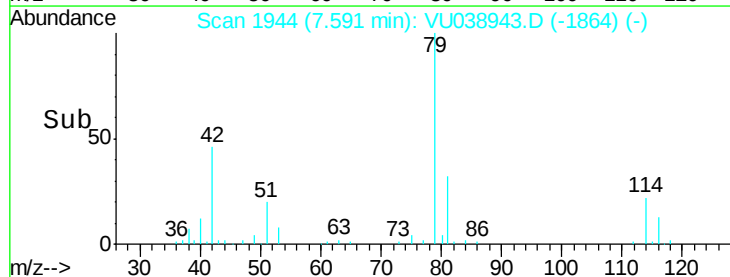
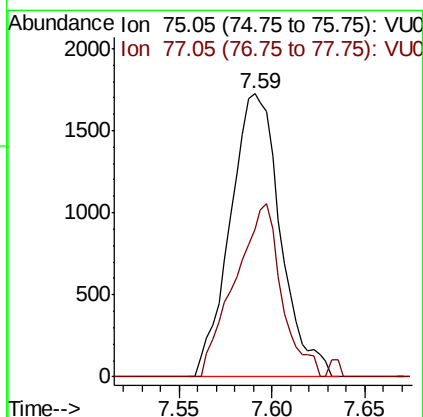
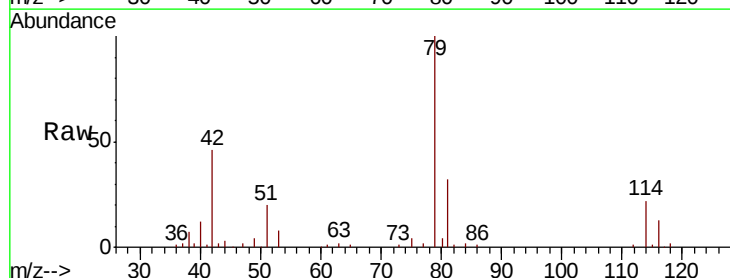
Instrument :
 MSVOA_U
 ClientSampleId :

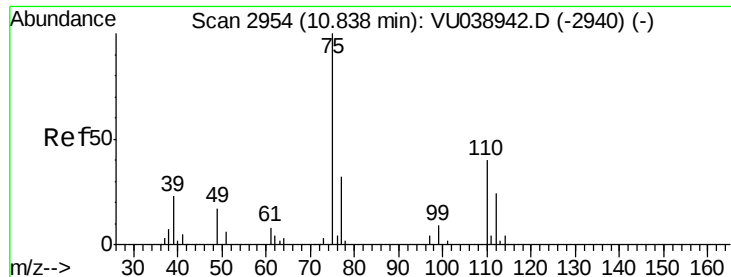
Tot Ion: 63 Resp: 12650
 Ion Ratio Lower Upper
 63 100
 112 0.4 3.9 5.9#



#39
 cis-1,3-Dichloropropene
 Concen: 0.092 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038943.D
 Acq: 17 Jun 2020 14:42

Tgt Ion: 75 Resp: 3246
 Ion Ratio Lower Upper
 75 100
 77 52.3 22.4 41.6#





#59

1,2,3-Trichloropropane

Concen: 1.038 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038943.D

Acq: 17 Jun 2020 14:42

Instrument :

MSVOA_U

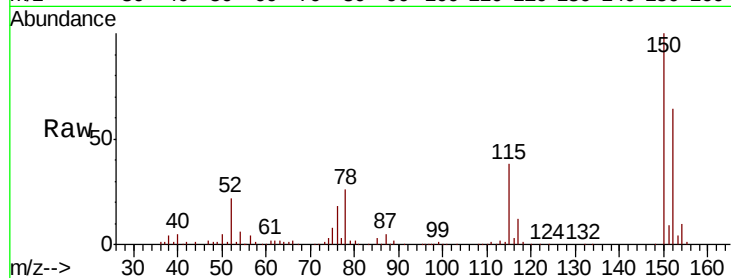
ClientSampleId :

Tot Ion: 75 Resp: 19142

Ion Ratio Lower Upper

75 100

77 36.9 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

