

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040920\
 Data File : VU037674.D
 Acq On : 10 Apr 2020 15:39
 Operator : JC/MD
 Sample : L1885-17
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 10 23:31:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 10 23:26:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	497048	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	473856	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	227582	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	188189	43.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.62%
7) Chloroethane-d5	1.93	69	157053	44.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.44%
11) 1,1-Dichloroethene-d2	2.59	63	238775	33.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.44%
21) 2-Butanone-d5	4.66	46	359287	102.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.05%
24) Chloroform-d	5.10	84	306765	46.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.96%
26) 1,2-Dichloroethane-d4	5.74	65	221317	49.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.78%
32) Benzene-d6	5.76	84	657781	47.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.36%
36) 1,2-Dichloropropane-d6	6.72	67	225784	48.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.32%
41) Toluene-d8	7.92	98	593515	45.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.84%
43) trans-1,3-Dichloropropene-	8.20	79	114541	45.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.32%
47) 2-Hexanone-d5	8.65	63	262396	98.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.76%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	311191	47.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.94%
64) 1,2-Dichlorobenzene-d4	12.20	152	217679	45.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.92%

Target Compounds

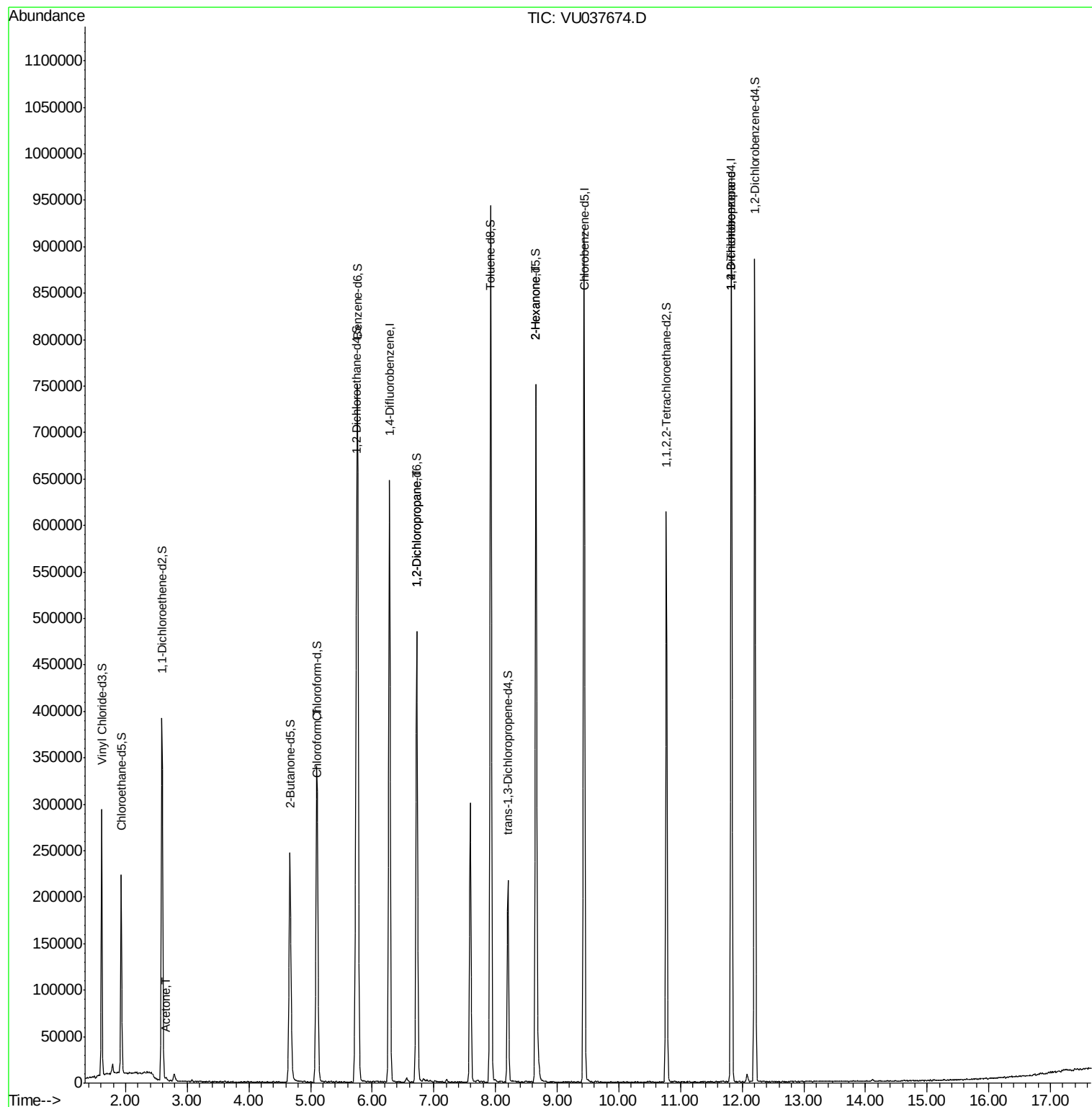
					Ovalue
13) Acetone	2.66	43	4313	2.074 ug/L	99
25) Chloroform	5.12	83	5410	0.860 ug/L	84
37) 1,2-Dichloropropane	6.72	63	23861	6.022 ug/L #	87
48) 2-Hexanone	8.65	43	32063	5.770 ug/L #	72
59) 1,2,3-Trichloropropane	11.83	75	32231	5.988 ug/L	95

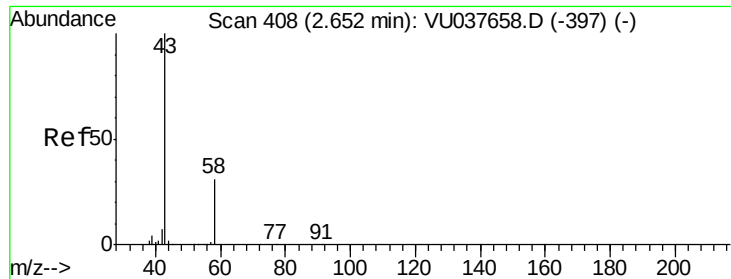
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.074 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037674.D

Acq: 10 Apr 2020 15:39

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MSVOA_U

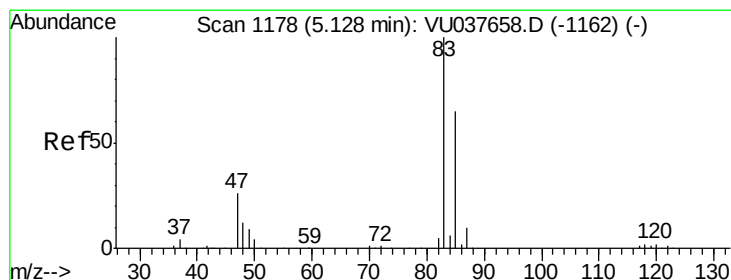
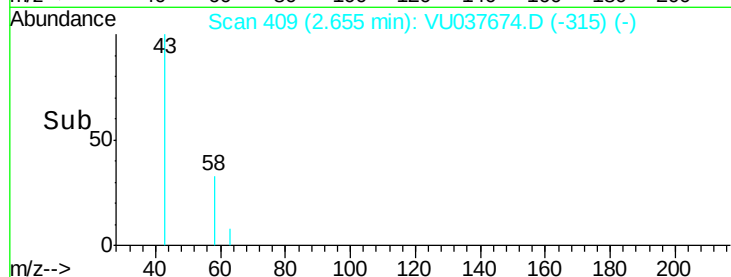
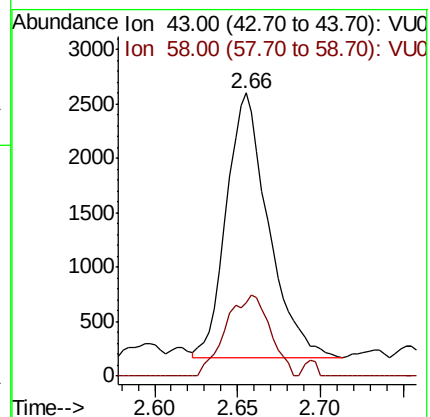
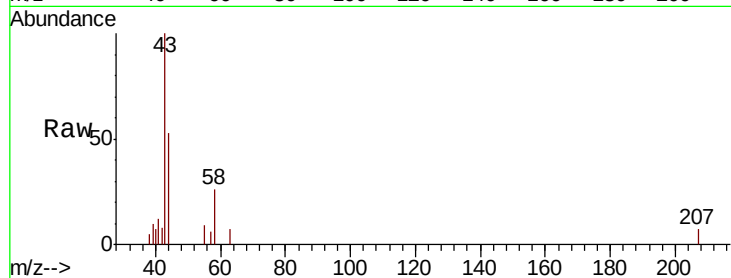
ClientSampleId :

Tot Ion: 43 Resp: 4313

Ion Ratio Lower Upper

43 100

58 32.1 0.0 63.2



#25

Chloroform

Concen: 0.860 ug/L

RT: 5.12 min Scan# 1176

Delta R.T. -0.01 min

Lab File: VU037674.D

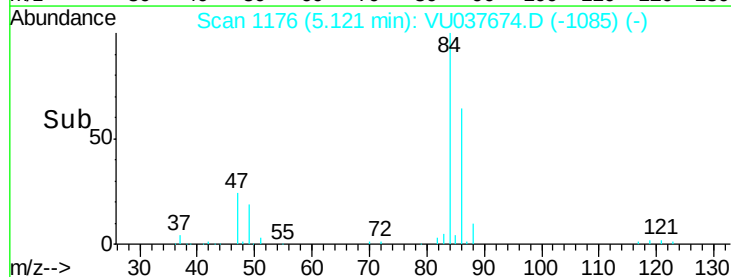
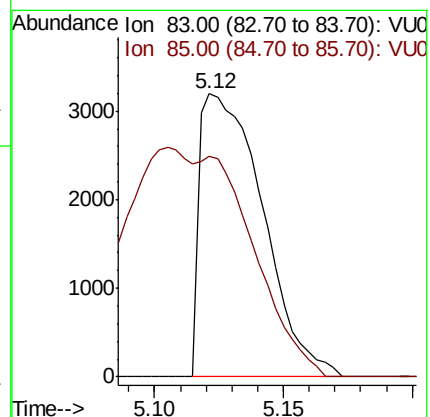
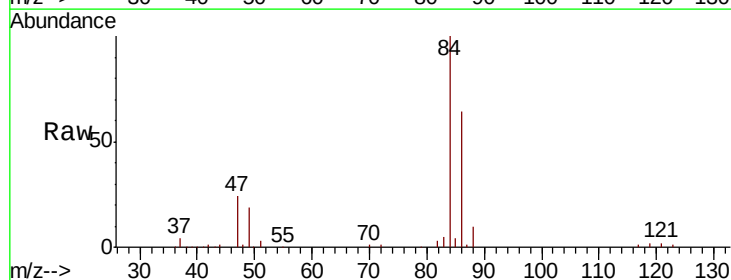
Acq: 10 Apr 2020 15:39

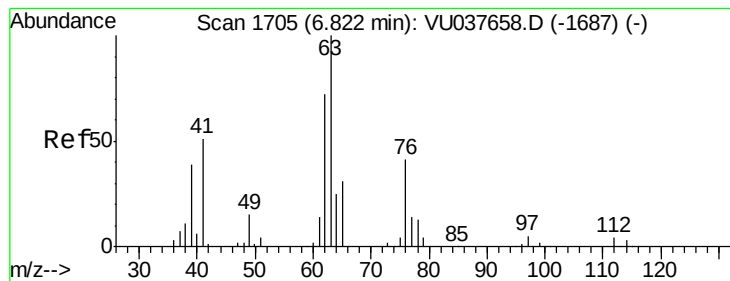
Tgt Ion: 83 Resp: 5410

Ion Ratio Lower Upper

83 100

85 78.0 45.5 84.5





#37

1,2-Dichloropropane

Concen: 6.022 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU037674.D

Acq: 10 Apr 2020 15:39

Instrument :

MSVOA_U

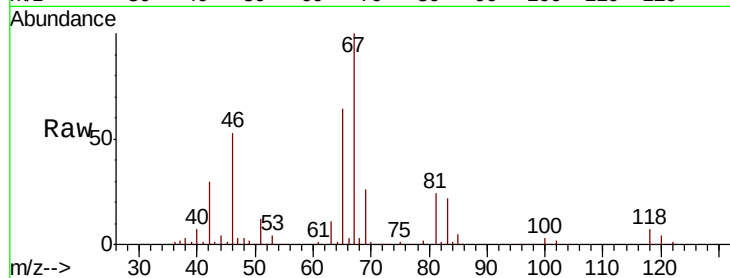
ClientSampleId :

Tot Ion: 63 Resp: 23861

Ion Ratio Lower Upper

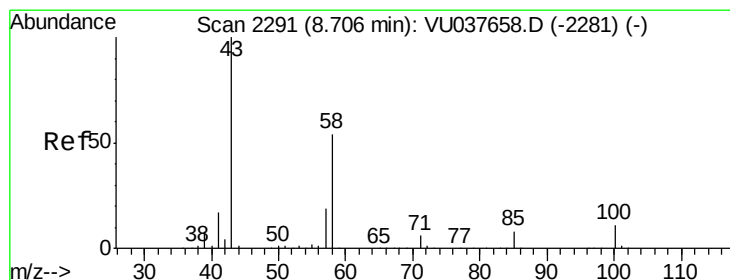
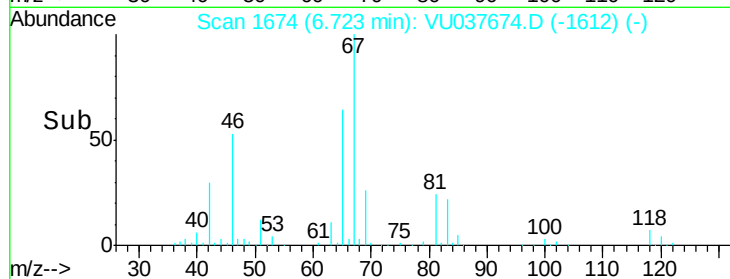
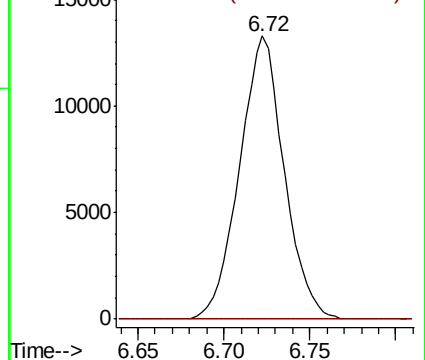
63 100

112 0.0 3.4 5.0#



Abundance Ion 63.00 (62.70 to 63.70): VU037674.D (-1674) (-)

Ion 112.00 (111.70 to 112.70): VU037674.D (-1674) (-)



#48

2-Hexanone

Concen: 5.770 ug/L

RT: 8.65 min Scan# 2275

Delta R.T. -0.05 min

Lab File: VU037674.D

Acq: 10 Apr 2020 15:39

Tgt Ion: 43 Resp: 32063

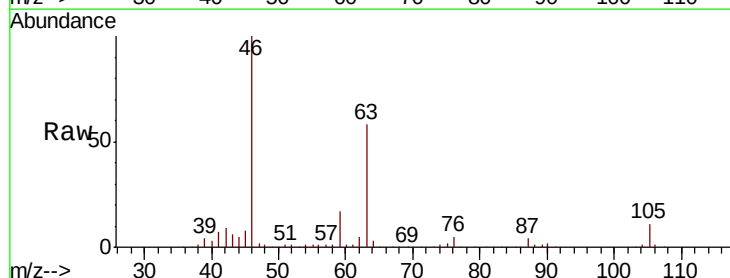
Ion Ratio Lower Upper

43 100

58 29.5 44.0 66.0#

57 21.0 15.2 22.8

100 0.0 9.4 14.0#

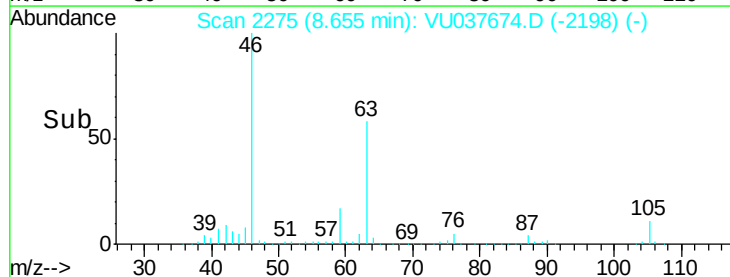
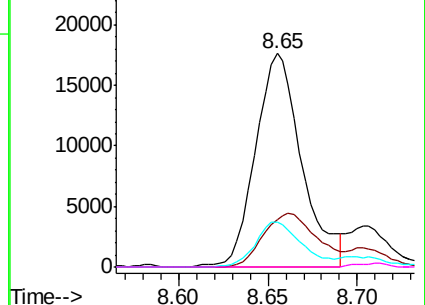


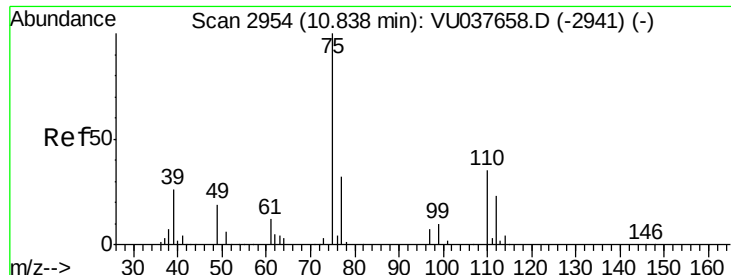
Abundance Ion 43.00 (42.70 to 43.70): VU037674.D (-2198) (-)

Ion 58.00 (57.70 to 58.70): VU037674.D (-2198) (-)

Ion 57.00 (56.70 to 57.70): VU037674.D (-2198) (-)

Ion 100.00 (99.70 to 100.70): VU037674.D (-2198) (-)





#59

1,2,3-Trichloropropane

Concen: 5.988 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU037674.D

Acq: 10 Apr 2020 15:39

Instrument :

MSVOA_U

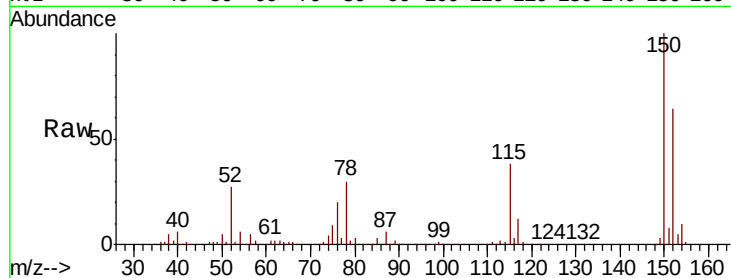
ClientSampleId :

Tot Ion: 75 Resp: 32231

Ion Ratio Lower Upper

75 100

77 34.8 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

