

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081219\
 Data File : VU033772.D
 Acq On : 12 Aug 2019 15:25
 Operator : JC/SP
 Sample : K4202-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 12 16:30:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 12 16:26:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	378991	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	380005	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	165152	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	151124	54.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.34%
7) Chloroethane-d5	1.67	69	129602	46.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.70%
11) 1,1-Dichloroethene-d2	2.26	63	199618	42.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.10%
21) 2-Butanone-d5	4.15	46	171594	99.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.21%
24) Chloroform-d	4.62	84	234048	56.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.94%
26) 1,2-Dichloroethane-d4	5.29	65	153076	59.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.12%
32) Benzene-d6	5.32	84	481548	53.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.38%
36) 1,2-Dichloropropane-d6	6.31	67	153899	55.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.84%
41) Toluene-d8	7.55	98	410574	48.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.34%
43) trans-1,3-Dichloropropene-	7.83	79	61818	44.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.96%
47) 2-Hexanone-d5	8.30	63	116232	81.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.54%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	205966	50.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.18%
64) 1,2-Dichlorobenzene-d4	11.84	152	152831	54.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.96%

Target Compounds

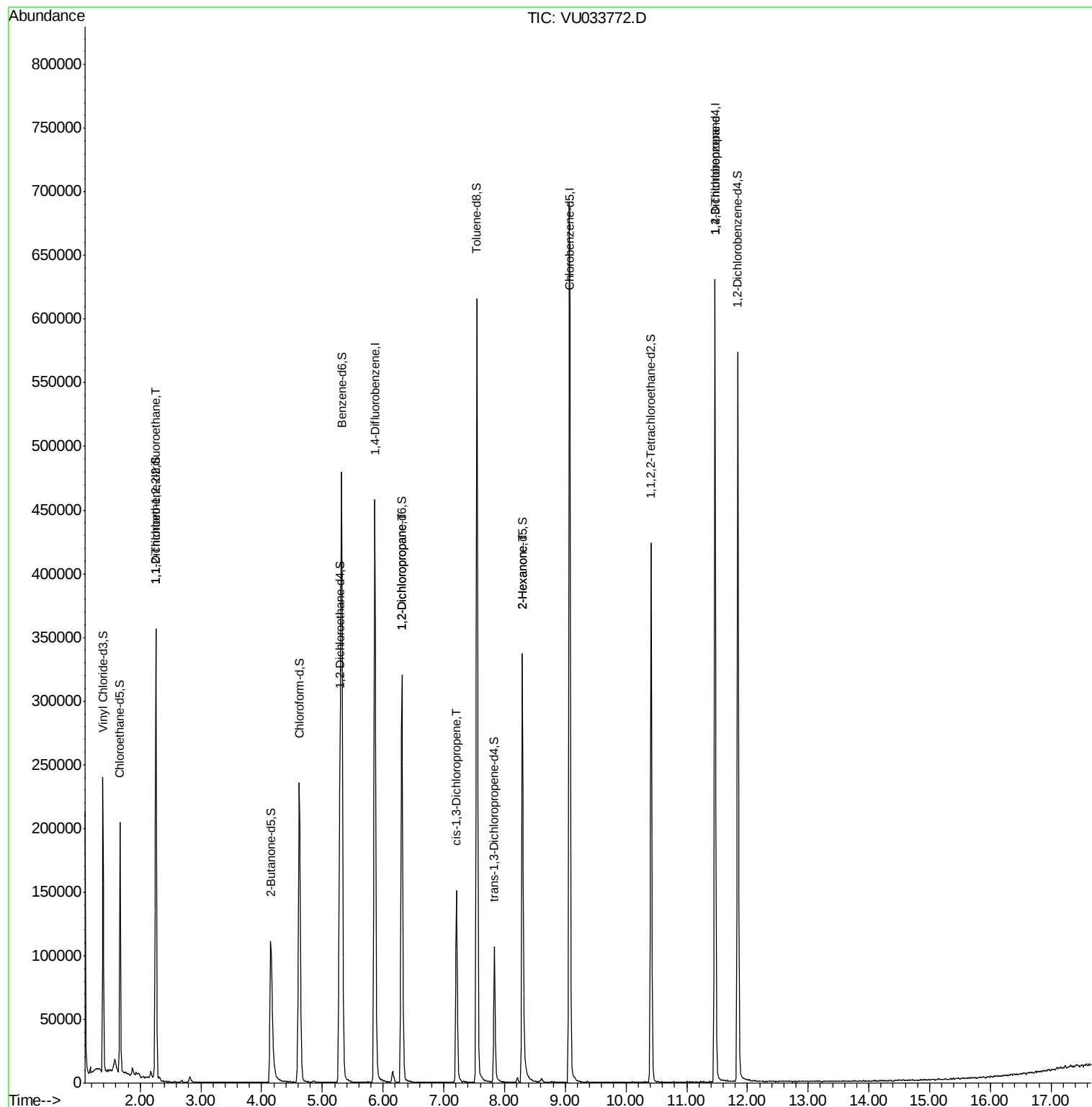
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1826	0.805 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	16803	5.954 ug/L #	89
39) cis-1,3-Dichloropropene	7.21	75	3654	0.815 ug/L #	58
48) 2-Hexanone	8.30	43	14045	4.250 ug/L #	65
59) 1,2,3-Trichloropropane	11.47	75	20350	5.334 ug/L	98

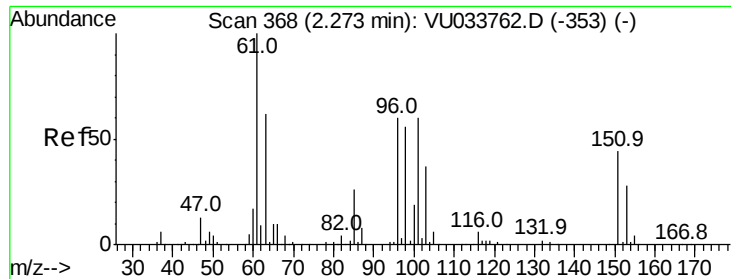
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.805 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

Lab File: VU033772.D

Acq: 12 Aug 2019 15:25

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MSVOA_U

ClientSampleId :

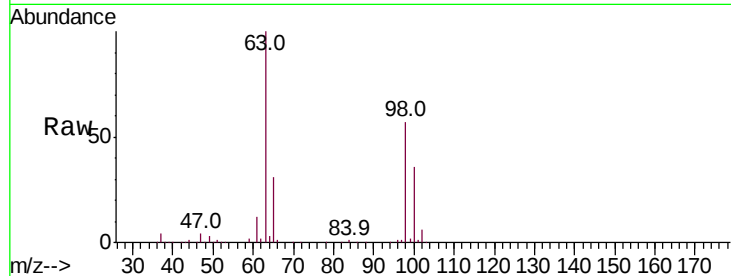
Tot Ion:101 Resp: 1826

Ion Ratio Lower Upper

101 100

85 0.0 34.5 51.7#

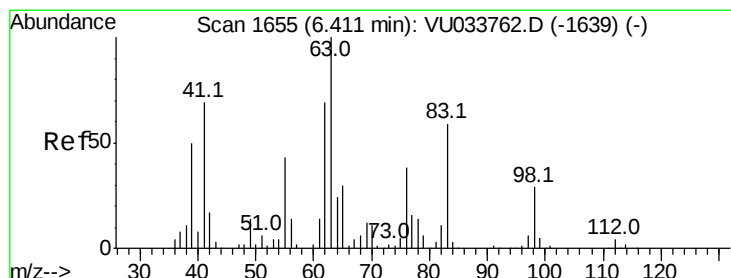
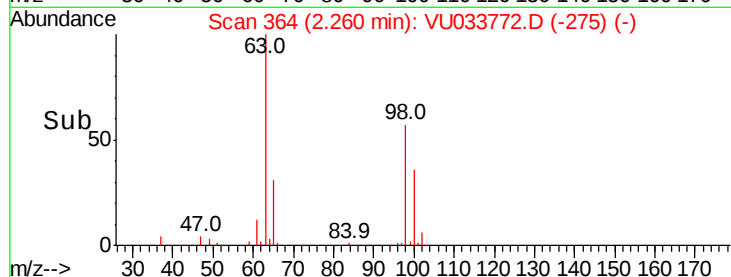
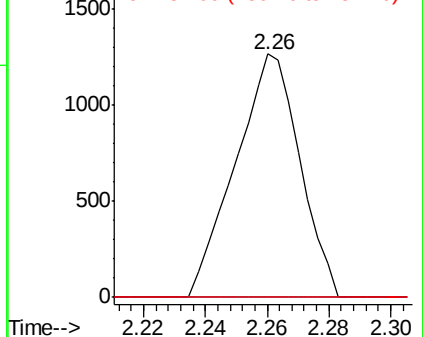
151 0.0 63.0 94.4#



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



#37

1,2-Dichloropropane

Concen: 5.954 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.10 min

Lab File: VU033772.D

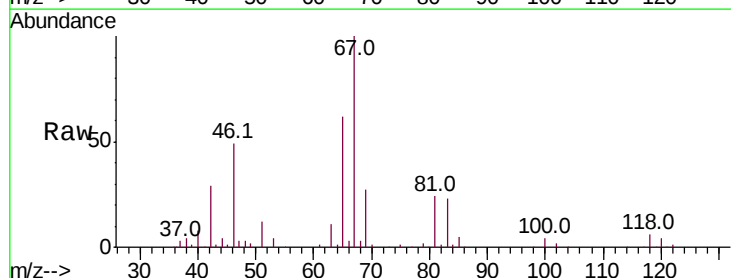
Acq: 12 Aug 2019 15:25

Tgt Ion: 63 Resp: 16803

Ion Ratio Lower Upper

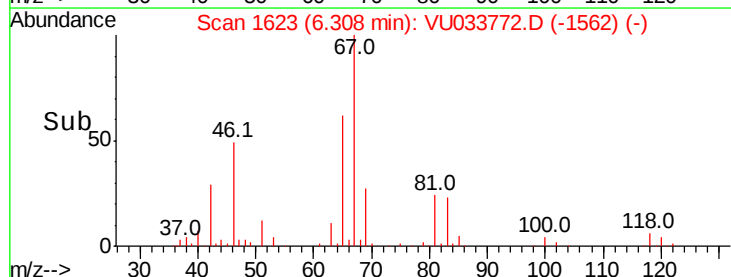
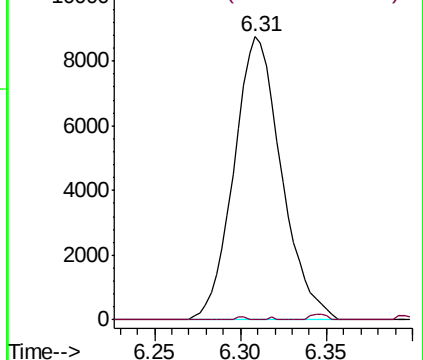
63 100

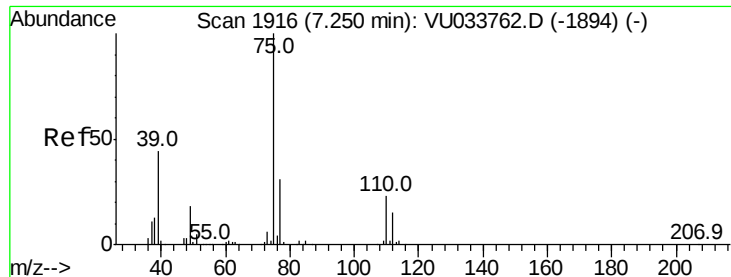
112 0.2 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

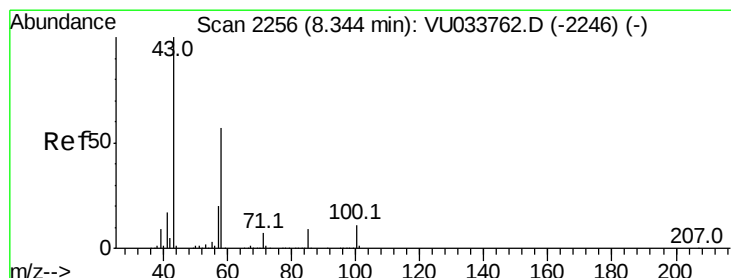
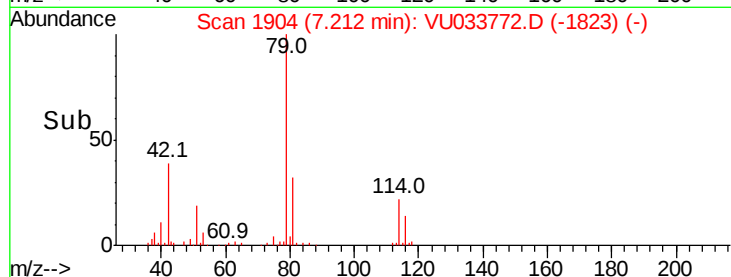
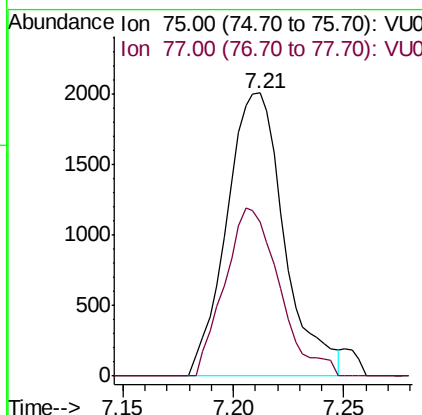
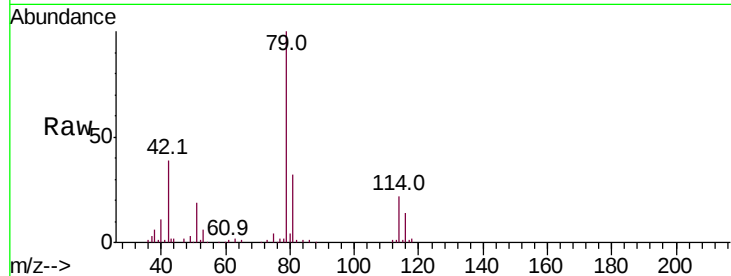




#39
 cis-1,3-Dichloropropene
 Concen: 0.815 ug/L
 RT: 7.21 min Scan# 1904
 Delta R.T. -0.04 min
 Lab File: VU033772.D
 Acq: 12 Aug 2019 15:25

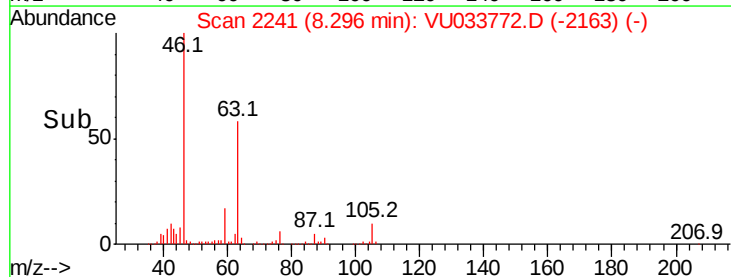
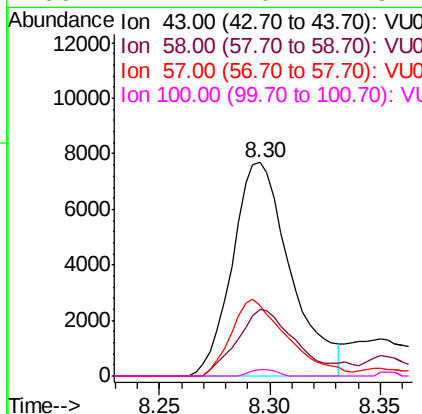
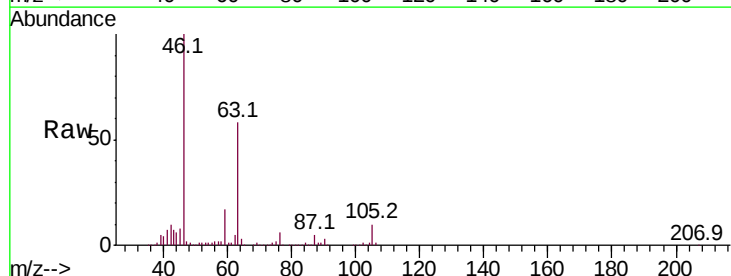
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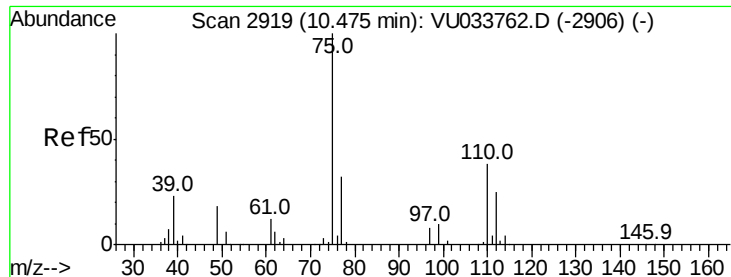
Tot Ion: 75 Resp: 3654
 Ion Ratio Lower Upper
 75 100
 77 54.3 21.7 40.3#



#48
 2-Hexanone
 Concen: 4.250 ug/L
 RT: 8.30 min Scan# 2241
 Delta R.T. -0.05 min
 Lab File: VU033772.D
 Acq: 12 Aug 2019 15:25

Tgt Ion: 43 Resp: 14045
 Ion Ratio Lower Upper
 43 100
 58 30.7 46.6 70.0#
 57 34.7 16.2 24.4#
 100 1.4 10.1 15.1#





#59

1,2,3-Trichloropropane

Concen: 5.334 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033772.D

Acq: 12 Aug 2019 15:25

Instrument :

MSVOA_U

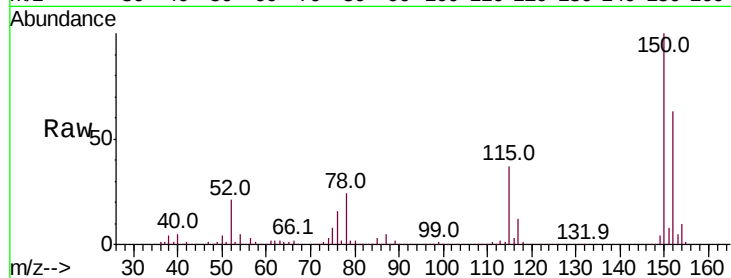
ClientSampleId :

Tot Ion: 75 Resp: 20350

Ion Ratio Lower Upper

75 100

77 34.2 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

