

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U102319\
 Data File : VU035411.D
 Acq On : 23 Oct 2019 15:56
 Operator : JC/SP
 Sample : K5462-05DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0G42DL

Quant Time: Nov 06 01:20:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 24 05:20:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	248999	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	246313	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	78592	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	60881	4.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.20%
7) Chloroethane-d5	1.93	69	64499	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.59	63	88552	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	4.70	46	234116	53.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.32%
24) Chloroform-d	5.11	84	134592	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.75	65	78146	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.77	84	261611	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.73	67	93492	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.60%
41) Toluene-d8	7.93	98	214974	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
43) trans-1,3-Dichloropropene-	8.21	79	33046	3.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.20%
46) 2-Hexanone-d5	8.68	63	164095	42.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.74%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	79897	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	68440	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

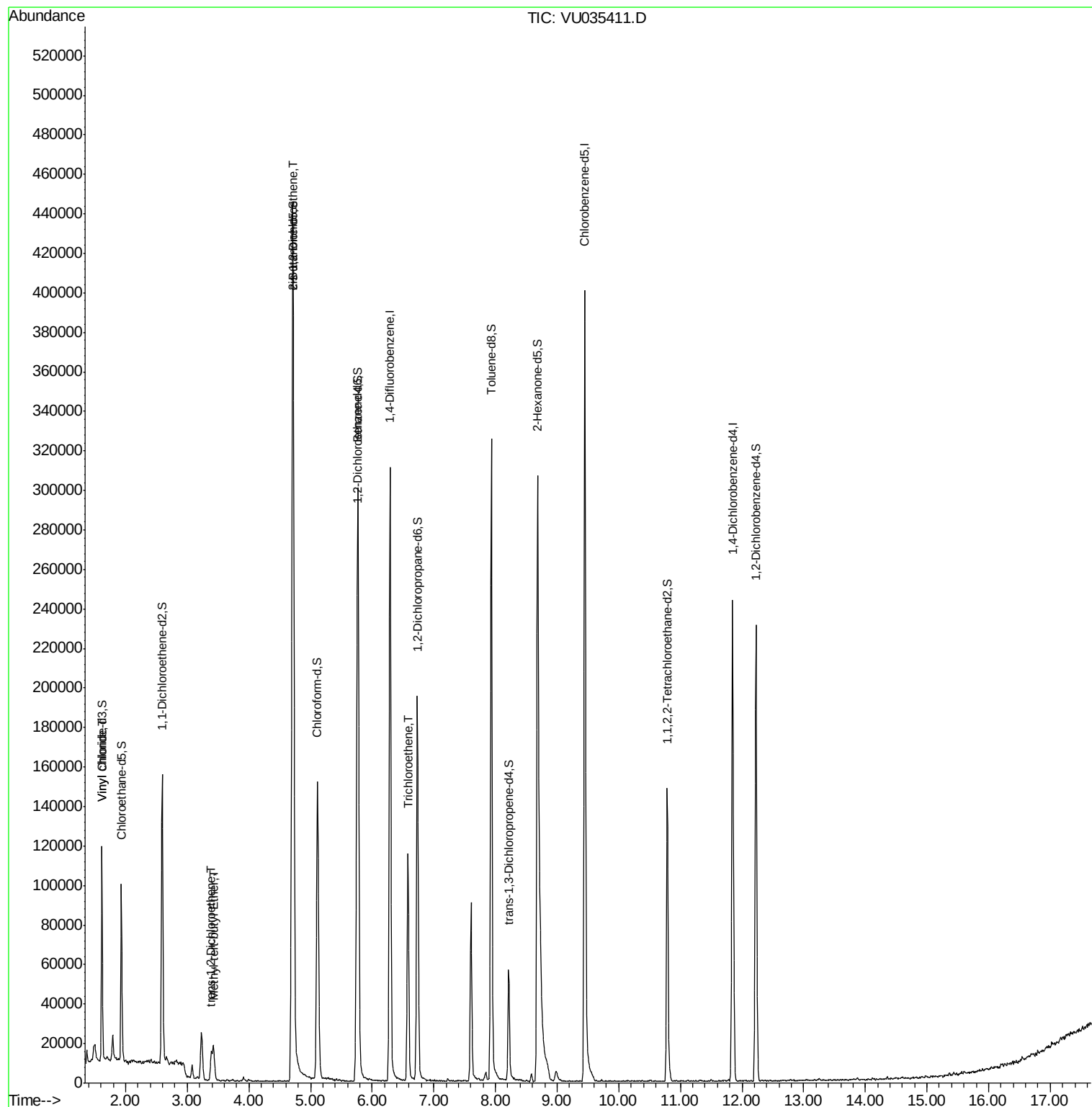
					Qvalue
5) Vinyl chloride	1.62	62	14299	0.662 ug/L #	63
17) Methyl tert-butyl Ether	3.43	73	18316	0.425 ug/L	97
18) trans-1,2-Dichloroethene	3.39	96	5684	0.329 ug/L	87
22) cis-1,2-Dichloroethene	4.72	96	172521	9.041 ug/L	97
34) Trichloroethene	6.58	95	38036	1.952 ug/L	94

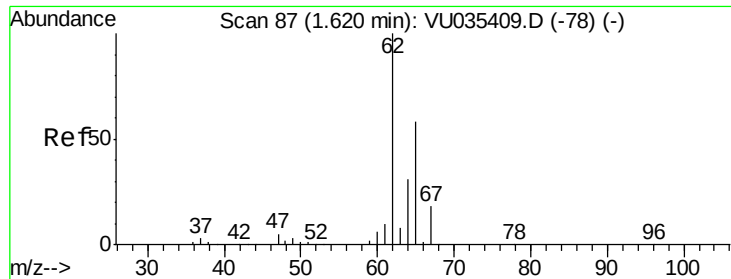
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.662 ug/L

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VU035411.D

Acq: 23 Oct 2019 15:56

Instrument :

MSVOA_U

ClientSampleId :

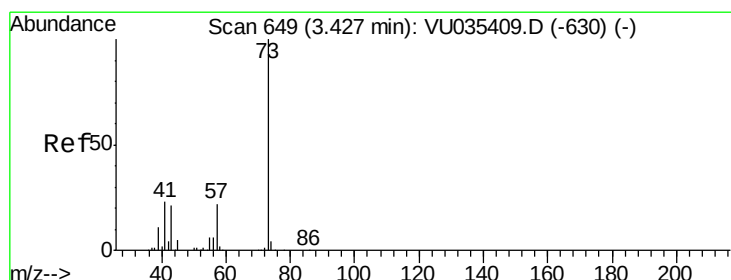
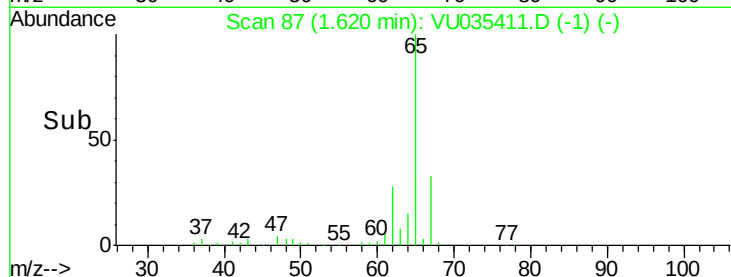
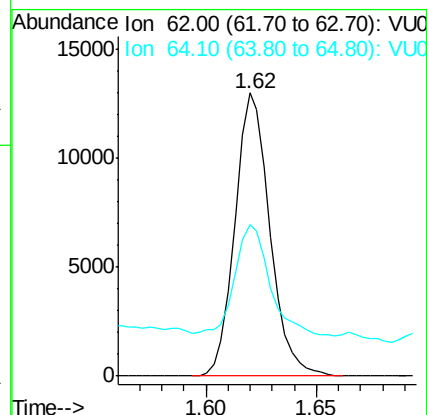
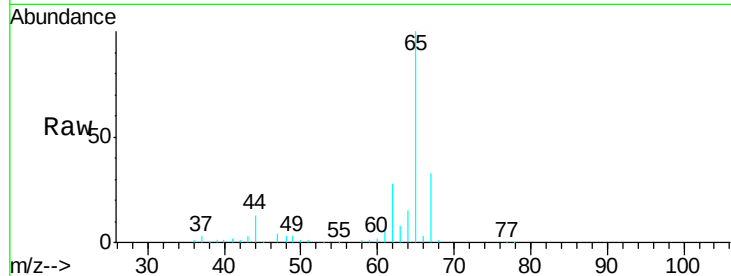
H0G42DL

Tgt Ion: 62 Resp: 14299

Ion Ratio Lower Upper

62 100

64 53.7 22.9 42.5#



#17

Methyl tert-butyl Ether

Concen: 0.425 ug/L

RT: 3.43 min Scan# 649

Delta R.T. -0.00 min

Lab File: VU035411.D

Acq: 23 Oct 2019 15:56

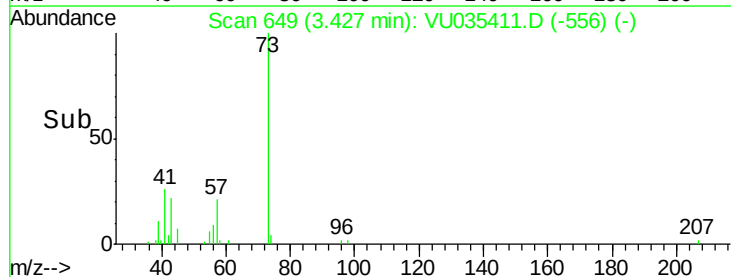
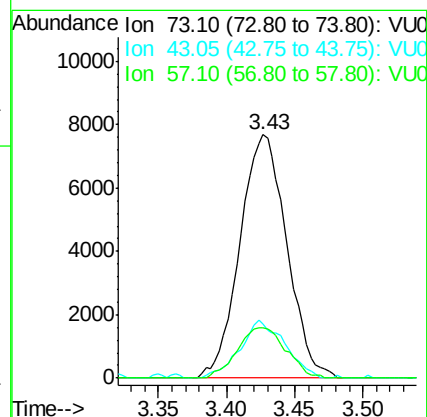
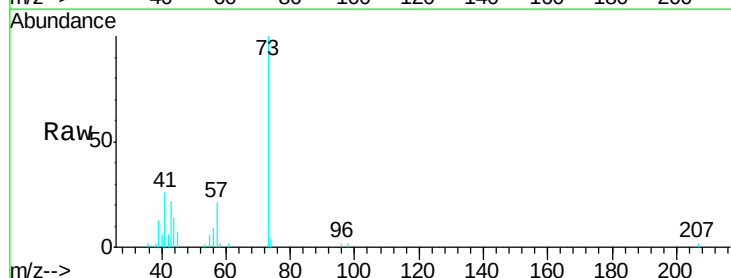
Tgt Ion: 73 Resp: 18316

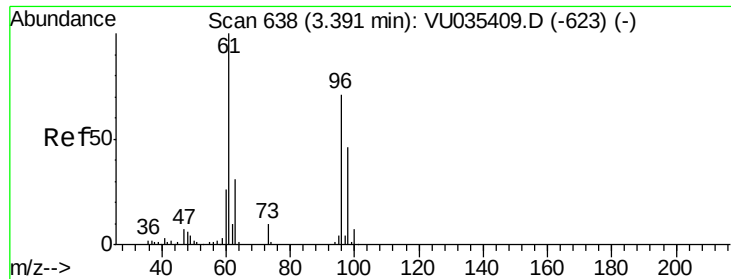
Ion Ratio Lower Upper

73 100

43 22.7 16.0 24.0

57 21.6 17.4 26.2





#18

trans-1,2-Dichloroethene

Concen: 0.329 ug/L

RT: 3.39 min Scan# 637

Delta R.T. -0.00 min

Lab File: VU035411.D

Acq: 23 Oct 2019 15:56

Instrument :

MSVOA_U

ClientSampleId :

H0G42DL

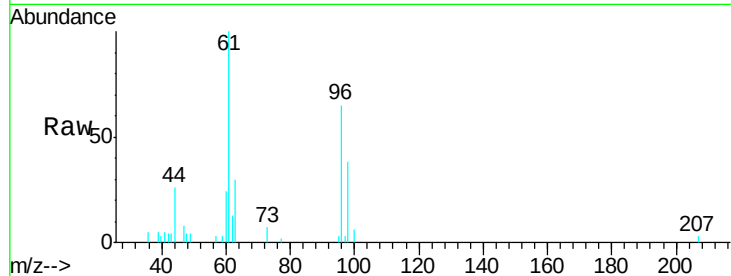
Tgt Ion: 96 Resp: 5684

Ion Ratio Lower Upper

96 100

61 153.4 93.0 172.6

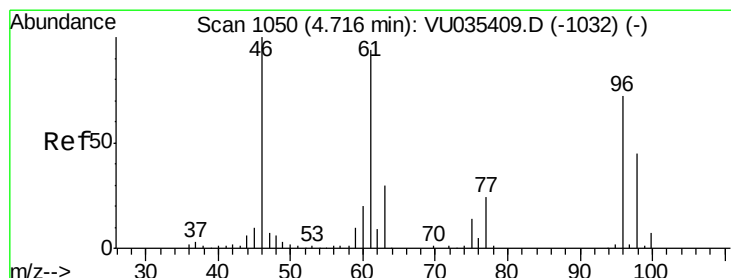
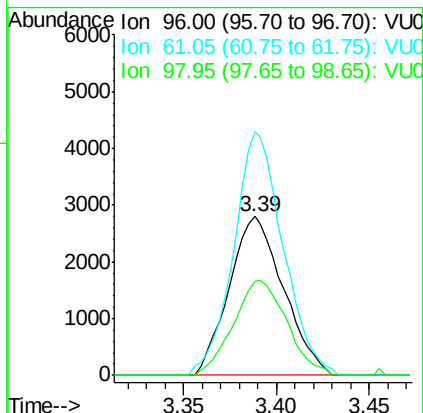
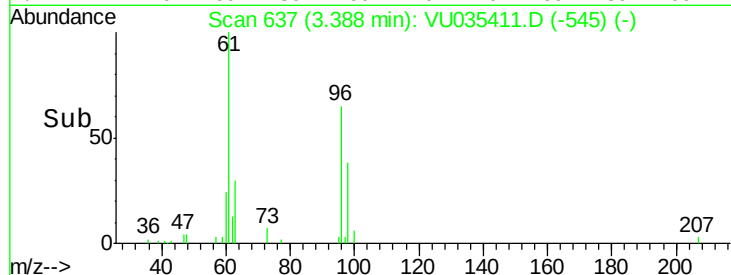
98 59.0 43.7 81.1



Abundance Ion 96.00 (95.70 to 96.70): VU035411.D (-545) (-)

Ion 61.05 (60.75 to 61.75): VU035411.D (-545) (-)

Ion 97.95 (97.65 to 98.65): VU035411.D (-545) (-)



#22

cis-1,2-Dichloroethene

Concen: 9.041 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VU035411.D

Acq: 23 Oct 2019 15:56

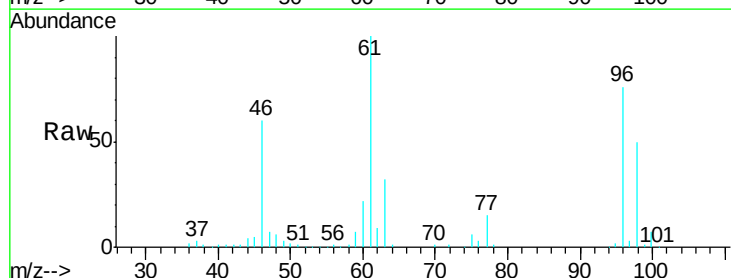
Tgt Ion: 96 Resp: 172521

Ion Ratio Lower Upper

96 100

61 131.1 89.7 166.5

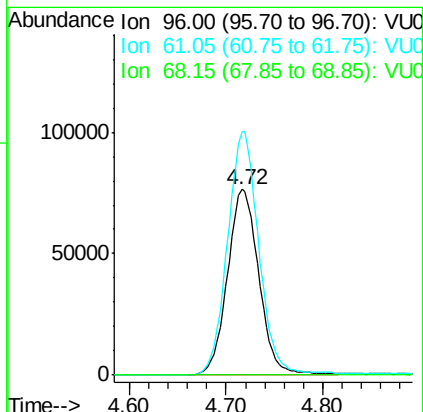
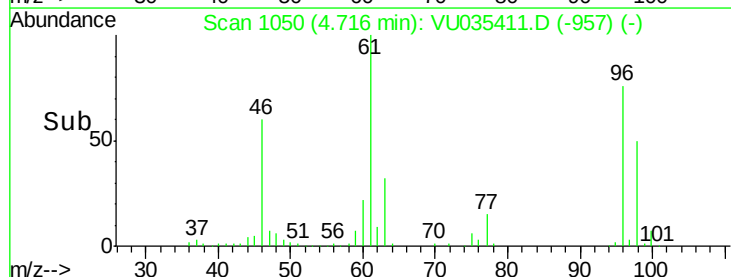
68 0.0 0.0 0.0

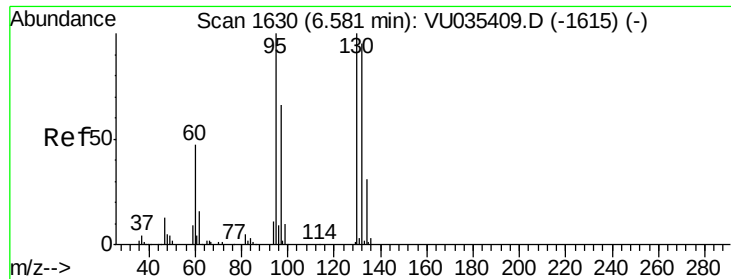


Abundance Ion 96.00 (95.70 to 96.70): VU035411.D (-957) (-)

Ion 61.05 (60.75 to 61.75): VU035411.D (-957) (-)

Ion 68.15 (67.85 to 68.85): VU035411.D (-957) (-)





#34

Trichloroethene

Concen: 1.952 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VU035411.D

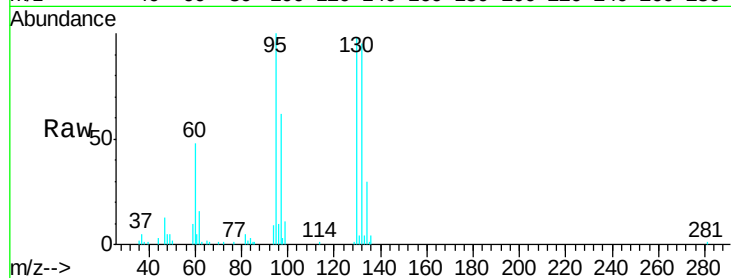
Acq: 23 Oct 2019 15:56

Instrument :

MSVOA_U

ClientSampleId :

H0G42DL



Tgt Ion: 95 Resp: 38036

Ion Ratio Lower Upper

95 100

97 62.1 46.6 86.6

132 94.7 68.7 127.7

130 97.8 73.9 137.3

Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

