

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U112619\
 Data File : VU035858.D
 Acq On : 26 Nov 2019 15:16
 Operator : JC/SP
 Sample : K5992-10DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GARF1DL

Quant Time: Nov 27 03:09:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 27 01:18:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	230631	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	267699	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	98568	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	162137	5.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.60%
7) Chloroethane-d5	1.93	69	143958	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.40%
11) 1,1-Dichloroethene-d2	2.59	63	203766	3.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.80%
20) 2-Butanone-d5	4.70	46	376812	54.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.08%
24) Chloroform-d	5.11	84	253761	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.75	65	143352	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.77	84	488722	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.73	67	173041	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.93	98	393074	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	8.22	79	57091	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.68	63	280898	52.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.38%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	134926	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	116181	5.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.60%

Target Compounds

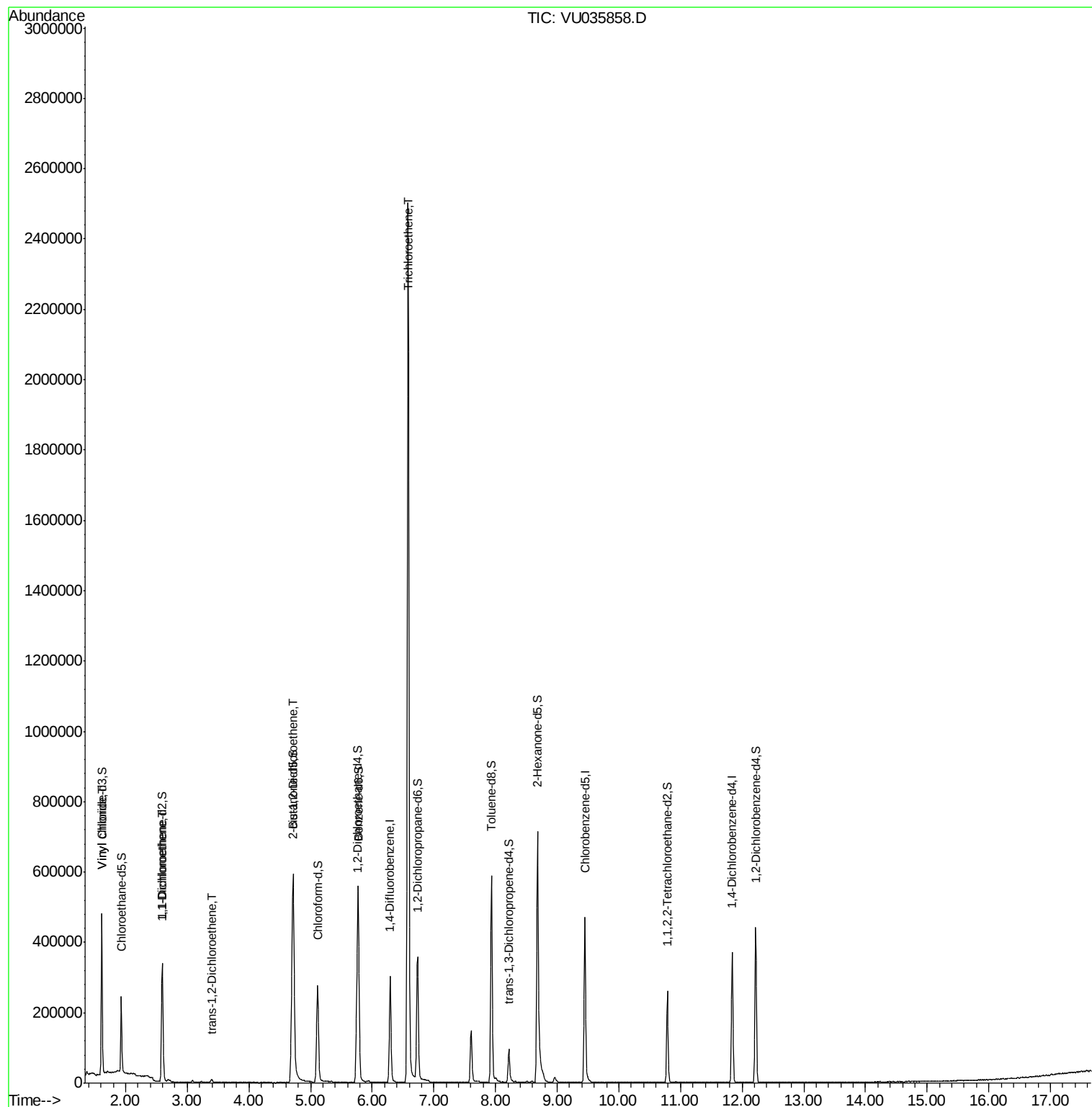
					Qvalue
5) Vinyl chloride	1.62	62	164735	4.278 ug/L	96
12) 1,1-Dichloroethene	2.61	96	18141	0.756 ug/L #	1
18) trans-1,2-Dichloroethene	3.39	96	3442	0.146 ug/L #	81
22) cis-1,2-Dichloroethene	4.72	96	224009	8.507 ug/L	98
34) Trichloroethene	6.58	95	874422	31.917 ug/L	98

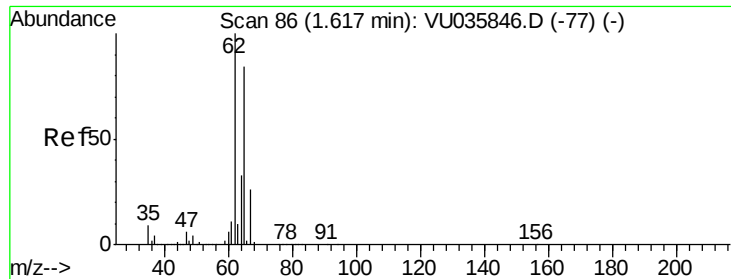
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 4.278 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

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ClientSampleId :

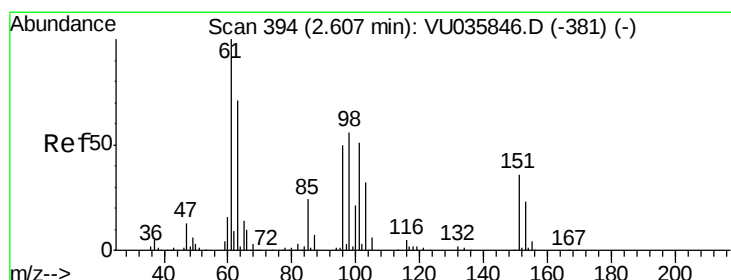
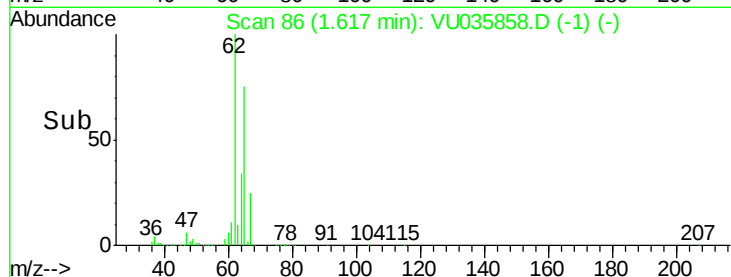
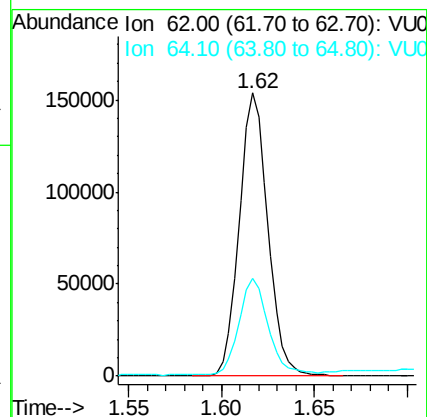
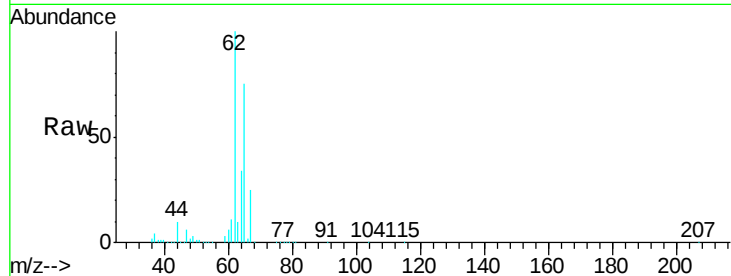
GARF1DL

Tgt Ion: 62 Resp: 164735

Ion Ratio Lower Upper

62 100

64 34.3 22.5 41.9



#12

1,1-Dichloroethene

Concen: 0.756 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU035858.D

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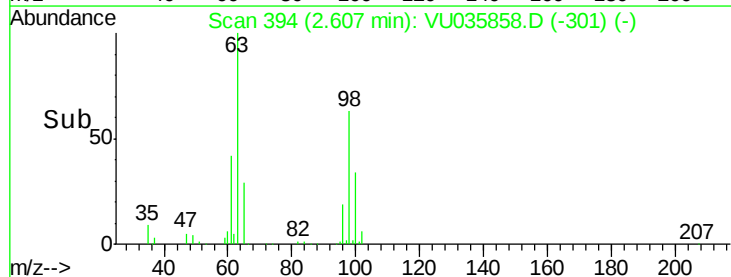
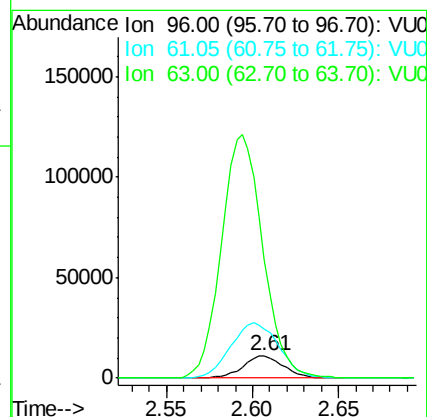
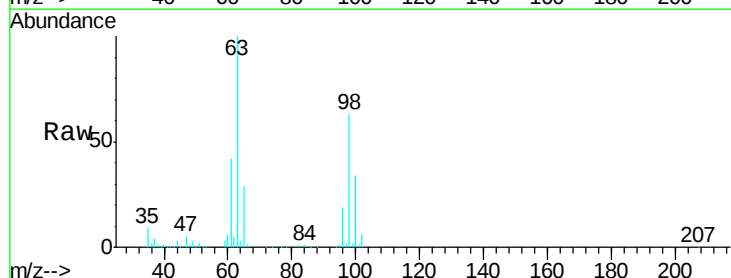
Tgt Ion: 96 Resp: 18141

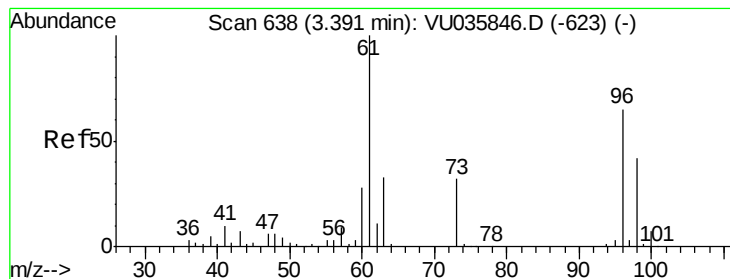
Ion Ratio Lower Upper

96 100

61 222.9 139.3 258.7

63 533.7 93.7 174.1#





#18

trans-1,2-Dichloroethene

Concen: 0.146 ug/L

RT: 3.39 min Scan# 638

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

GARF1DL

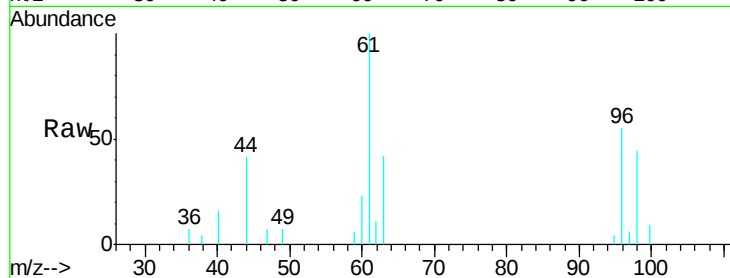
Tgt Ion: 96 Resp: 3442

Ion Ratio Lower Upper

96 100

61 181.7 111.1 206.3

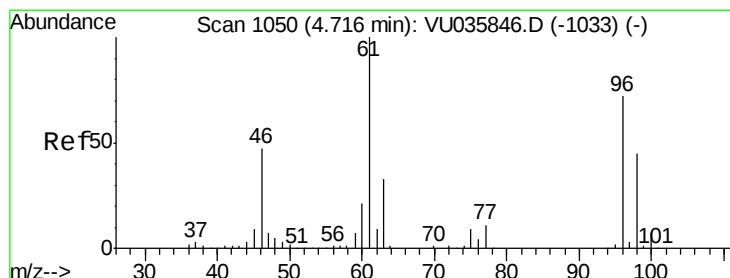
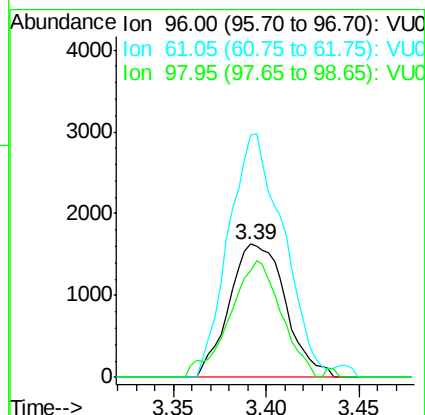
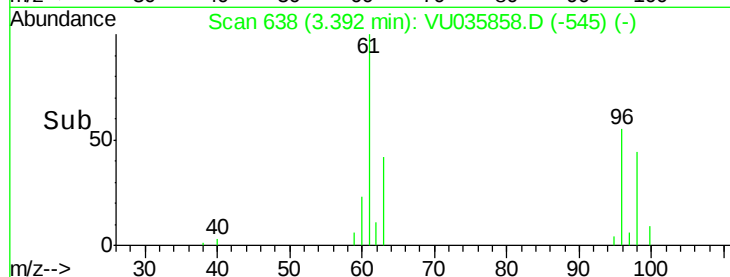
98 80.2 43.1 80.1#



Abundance Ion 96.00 (95.70 to 96.70): VU035846.D (-623) (-)

Ion 61.05 (60.75 to 61.75): VU035846.D (-623) (-)

Ion 97.95 (97.65 to 98.65): VU035846.D (-623) (-)



#22

cis-1,2-Dichloroethene

Concen: 8.507 ug/L

RT: 4.72 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VU035858.D

Acq: 26 Nov 2019 15:16

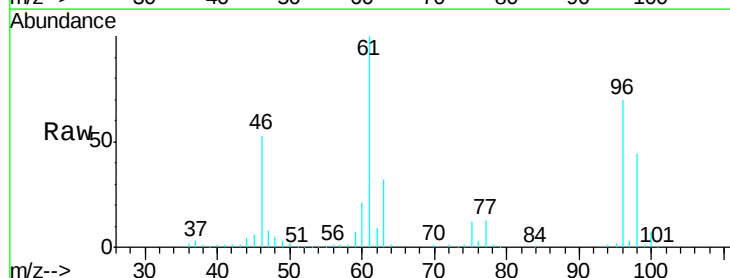
Tgt Ion: 96 Resp: 224009

Ion Ratio Lower Upper

96 100

61 142.0 98.1 182.1

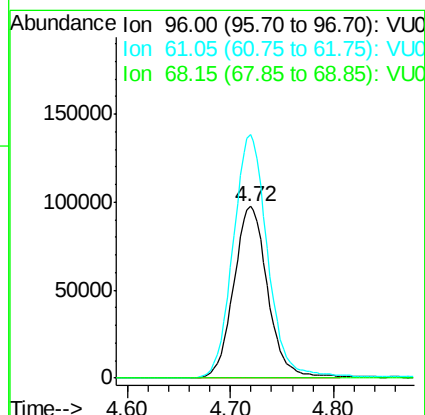
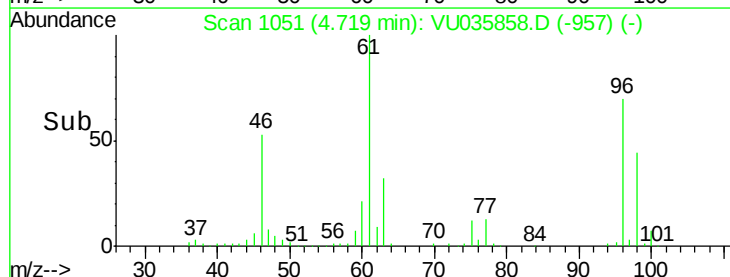
68 0.0 0.0 0.0

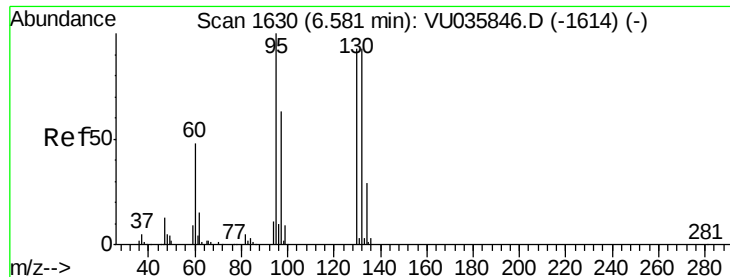


Abundance Ion 96.00 (95.70 to 96.70): VU035846.D (-1033) (-)

Ion 61.05 (60.75 to 61.75): VU035846.D (-1033) (-)

Ion 68.15 (67.85 to 68.85): VU035846.D (-1033) (-)





#34

Trichloroethene

Concen: 31.917 ug/L

RT: 6.58 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU035858.D

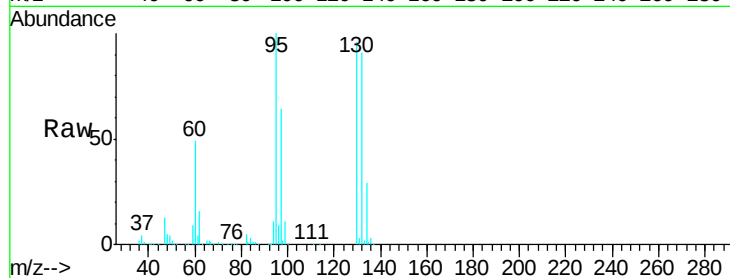
Acq: 26 Nov 2019 15:16

Instrument :

MSVOA_U

ClientSampleId :

GARF1DL



Tgt Ion: 95 Resp: 874422

Ion Ratio Lower Upper

95 100

97 64.2 45.1 83.9

132 91.3 61.9 114.9

130 95.5 66.3 123.1

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

