

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112619\
 Data File : VU035862.D
 Acq On : 26 Nov 2019 17:17
 Operator : JC/SP
 Sample : K5992-09DL2 400X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GARF0DL2

Quant Time: Nov 27 03:31:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 27 03:16:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	228783	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	262195	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	99216	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	161613	5.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.20%
7) Chloroethane-d5	1.93	69	141791	5.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.60%
11) 1,1-Dichloroethene-d2	2.59	63	195517	3.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.40%
20) 2-Butanone-d5	4.70	46	360843	52.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.34%
24) Chloroform-d	5.11	84	250368	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.75	65	136534	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.77	84	485175	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.73	67	167539	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.93	98	390743	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	8.21	79	59462	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.68	63	264892	50.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.50%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	130081	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	116523	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

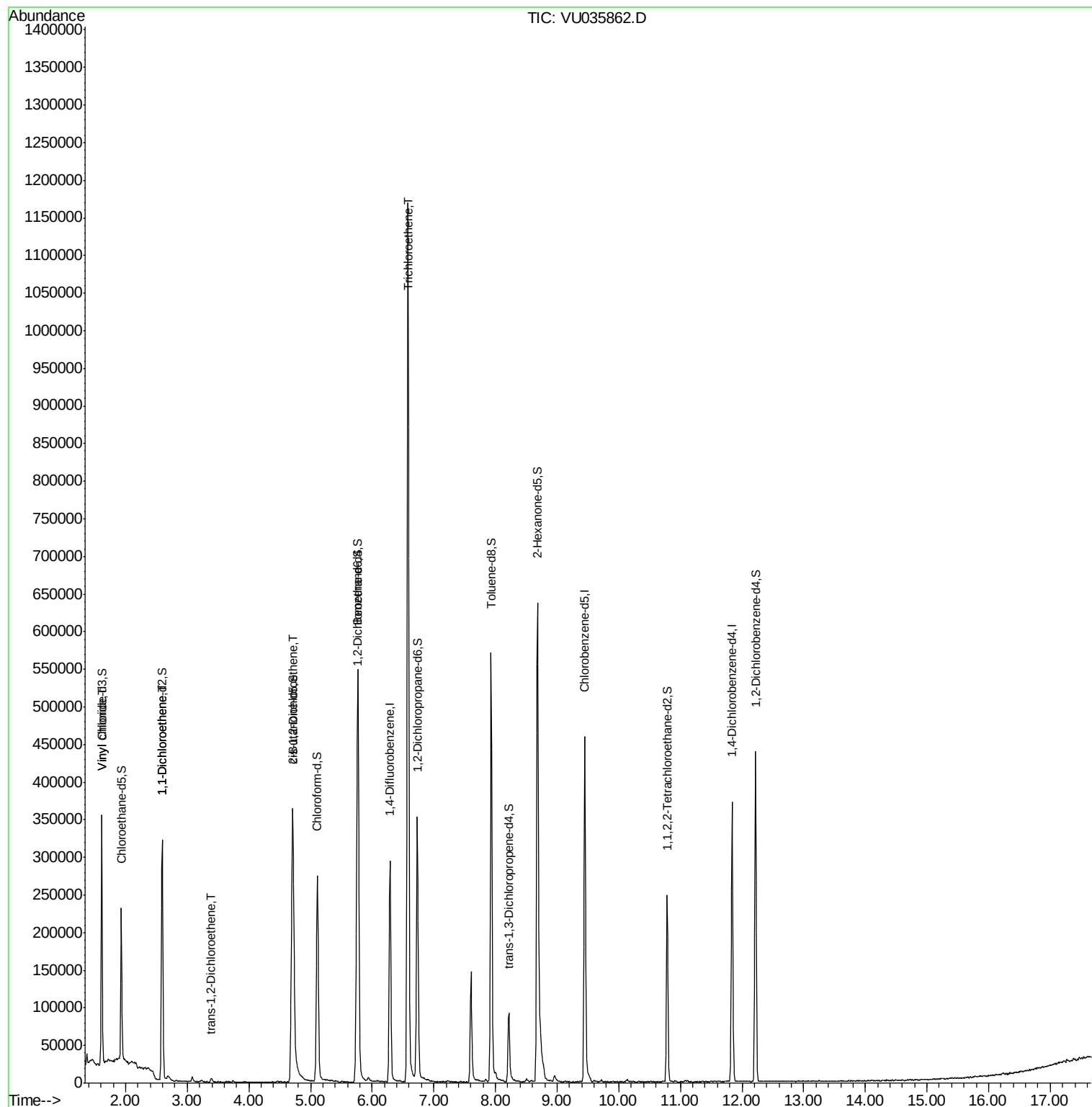
					Qvalue
5) Vinyl chloride	1.62	62	76972	2.015 ug/L	95
12) 1,1-Dichloroethene	2.60	96	9152	0.384 ug/L #	1
18) trans-1,2-Dichloroethene	3.39	96	1896	0.081 ug/L	84
22) cis-1,2-Dichloroethene	4.72	96	105181	4.027 ug/L	99
34) Trichloroethene	6.58	95	410559	15.300 ug/L	99

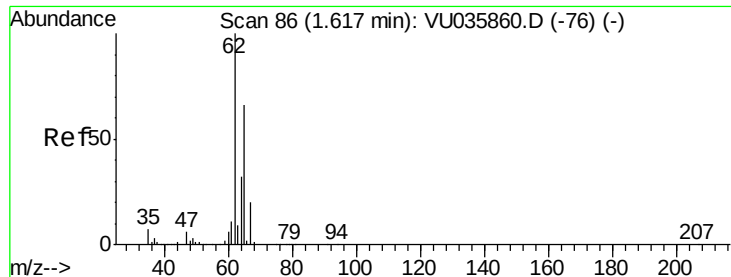
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 27 03:16:13 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.015 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

Lab File: VU035862.D

Acq: 26 Nov 2019 17:17

Instrument :

MSVOA_U

ClientSampleId :

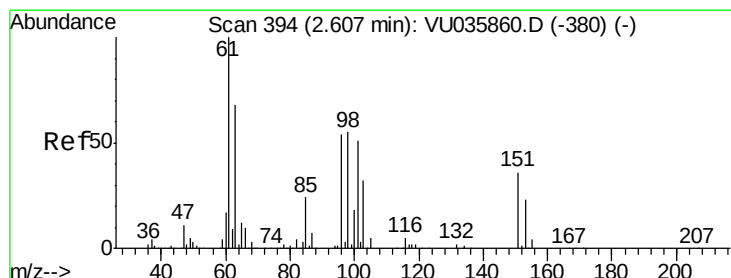
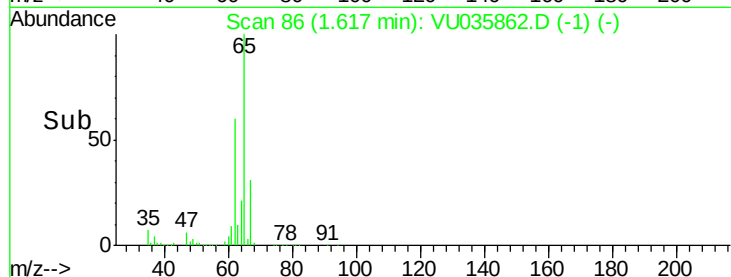
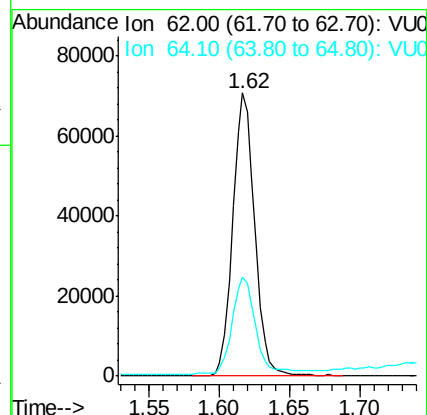
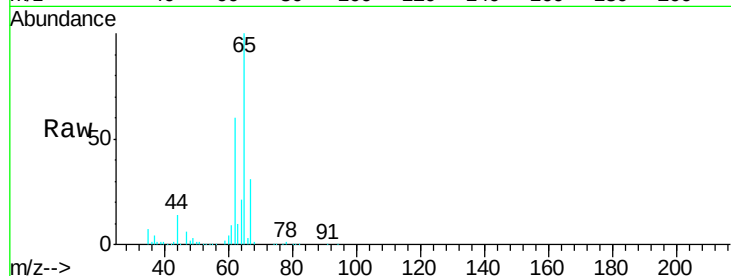
GARF0DL2

Tgt Ion: 62 Resp: 76972

Ion Ratio Lower Upper

62 100

64 35.0 22.5 41.9



#12

1,1-Dichloroethene

Concen: 0.384 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU035862.D

Acq: 26 Nov 2019 17:17

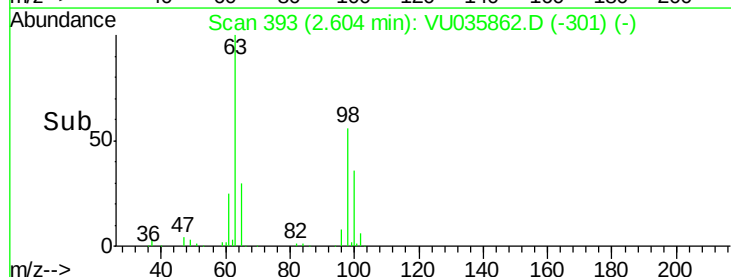
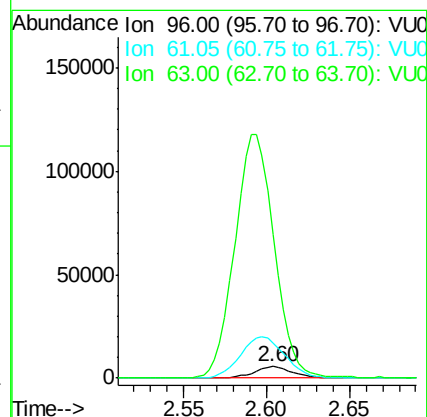
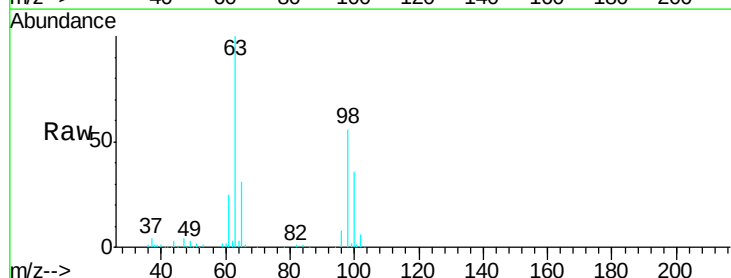
Tgt Ion: 96 Resp: 9152

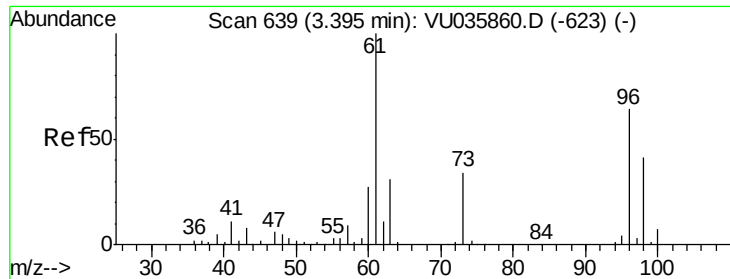
Ion Ratio Lower Upper

96 100

61 309.8 139.3 258.7#

63 1258.1 93.7 174.1#

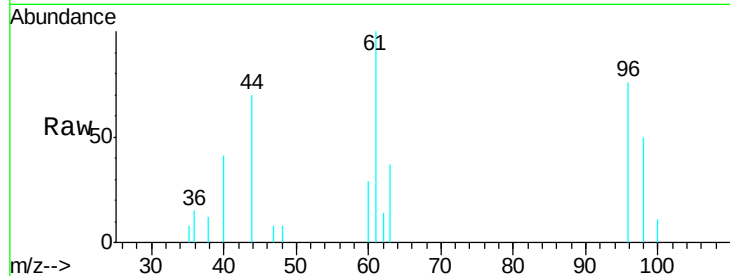




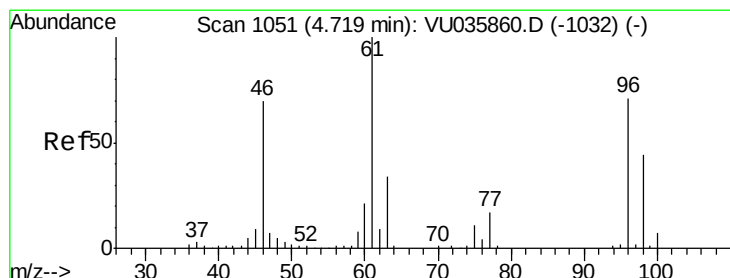
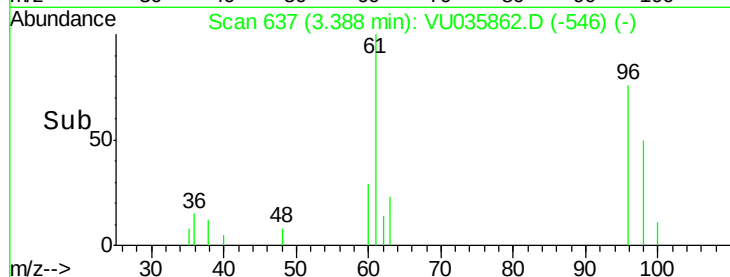
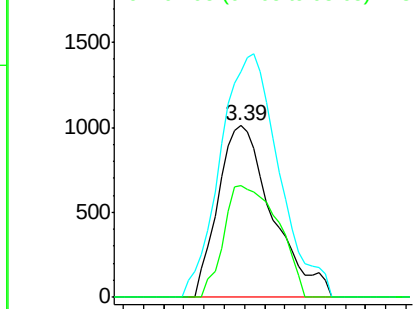
#18
trans-1,2-Dichloroethene
Concen: 0.081 ug/L
RT: 3.39 min Scan# 637
Delta R.T. -0.01 min
Lab File: VU035862.D
Acq: 26 Nov 2019 17:17

Instrument :
MSVOA_U
ClientSampleId :
GARF0DL2

Tgt Ion: 96 Resp: 1896
Ion Ratio Lower Upper
96 100
61 131.4 111.1 206.3
98 65.3 43.1 80.1

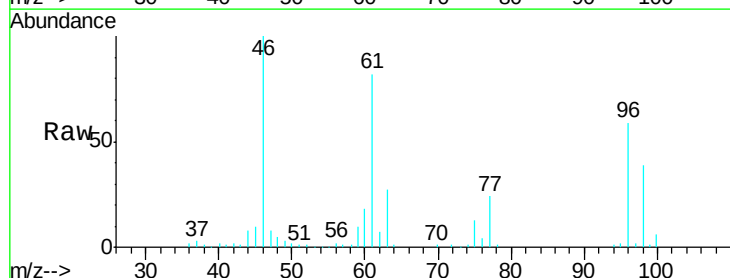


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0

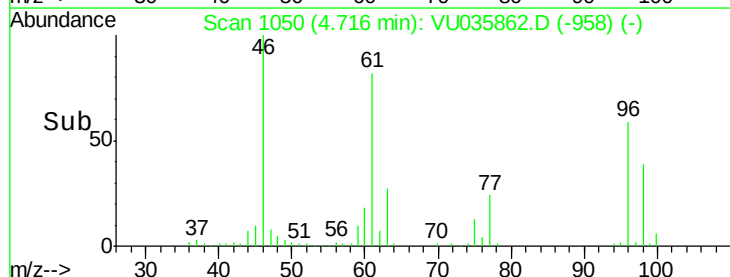
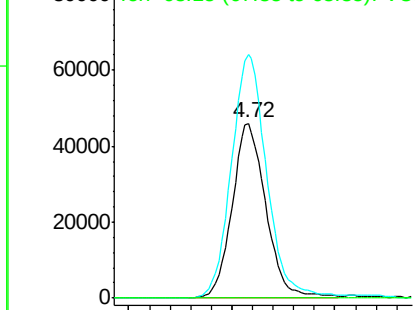


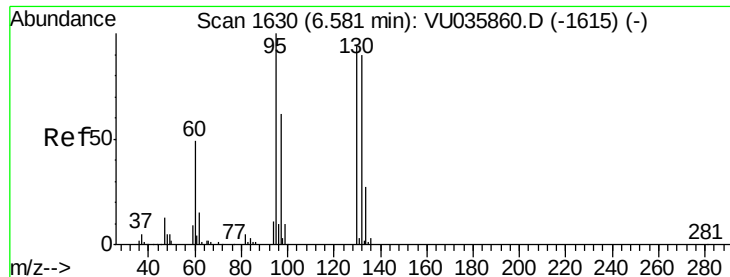
#22
cis-1,2-Dichloroethene
Concen: 4.027 ug/L
RT: 4.72 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU035862.D
Acq: 26 Nov 2019 17:17

Tgt Ion: 96 Resp: 105181
Ion Ratio Lower Upper
96 100
61 139.2 98.1 182.1
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0





#34

Trichloroethene

Concen: 15.300 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VU035862.D

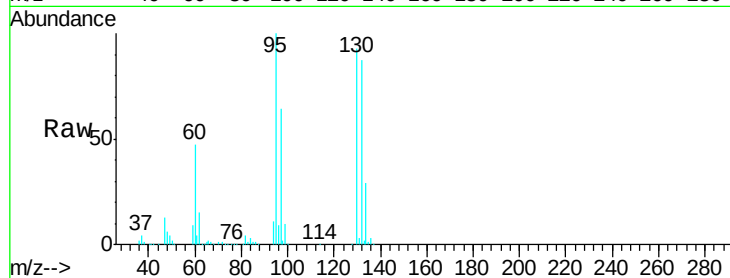
Acq: 26 Nov 2019 17:17

Instrument :

MSVOA_U

ClientSampleId :

GARF0DL2



Tgt Ion: 95 Resp: 410559

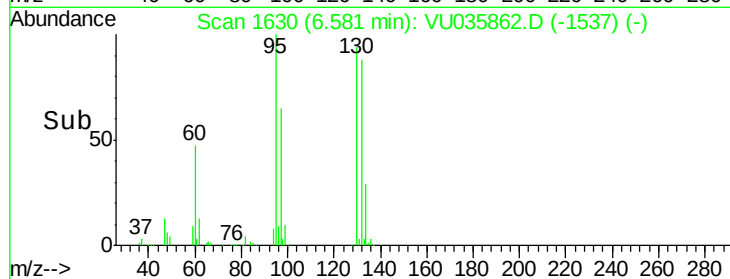
Ion Ratio Lower Upper

95 100

97 63.8 45.1 83.9

132 87.1 61.9 114.9

130 93.0 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

