

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112420\
 Data File : VU041420.D
 Acq On : 24 Nov 2020 16:07
 Operator : SY/MD
 Sample : L4849-07DL 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4412DL

Quant Time: Nov 25 08:42:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 25 07:37:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	59668	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	62254	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	27463	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	16190	3.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.20%
7) Chloroethane-d5	1.92	69	13357	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.58	63	26803	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	4.65	46	54480	50.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.98%
24) Chloroform-d	5.08	84	39588	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.72	65	25852	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
32) Benzene-d6	5.74	84	65476	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
36) 1,2-Dichloropropane-d6	6.70	67	19742	4.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.40%
41) Toluene-d8	7.90	98	57833	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	8.19	79	9818	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.64	63	37138	51.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.18%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	19385	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	23899	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

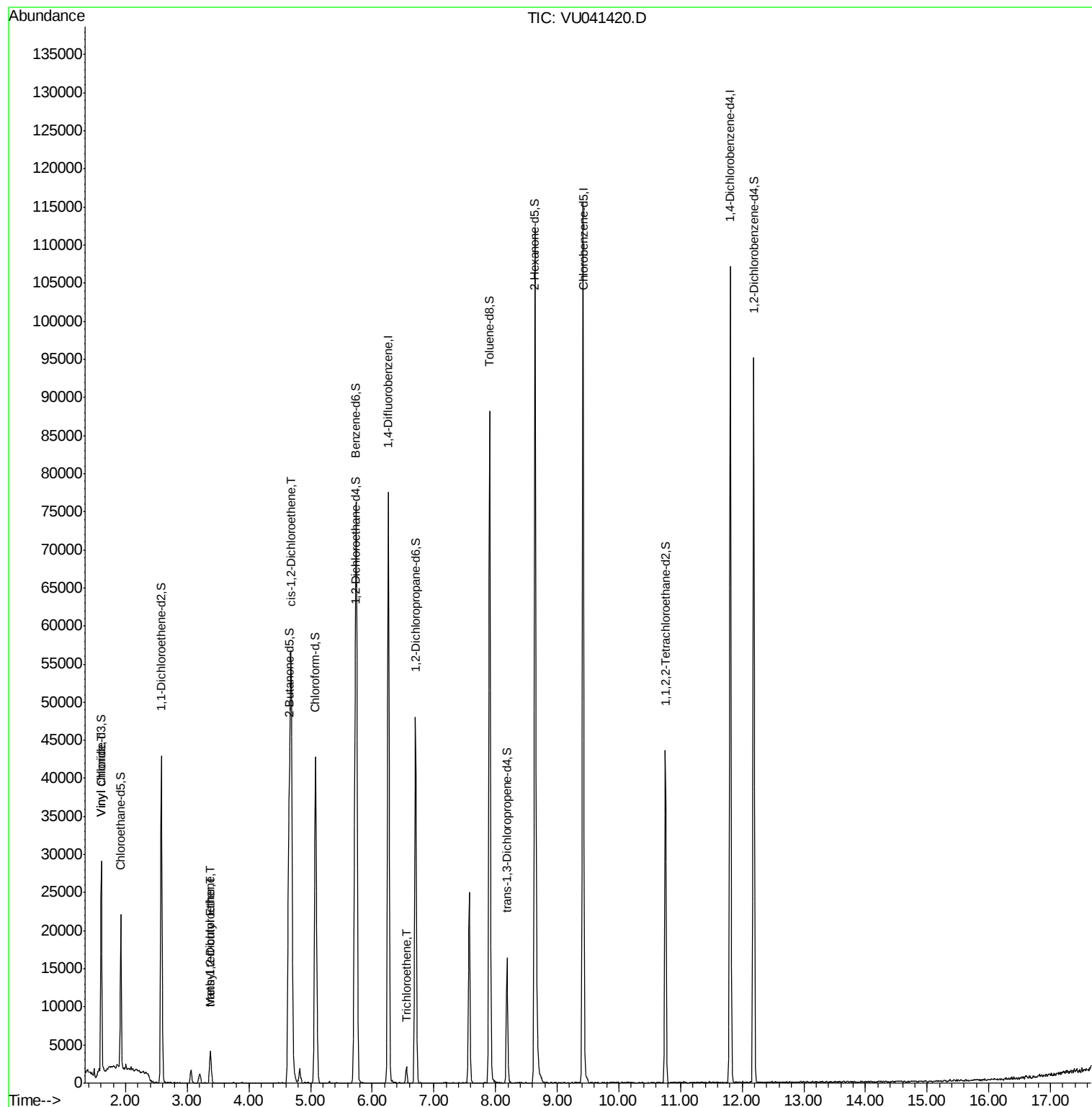
					Ovalue
5) Vinyl chloride	1.61	62	2066	0.396 ug/L #	37
17) Methyl tert-butyl Ether	3.38	73	2664	0.291 ug/L #	83
18) trans-1,2-Dichloroethene	3.37	96	1070	0.269 ug/L #	91
22) cis-1,2-Dichloroethene	4.69	96	22790	5.378 ug/L	96
34) Trichloroethene	6.55	95	863	0.190 ug/L	93

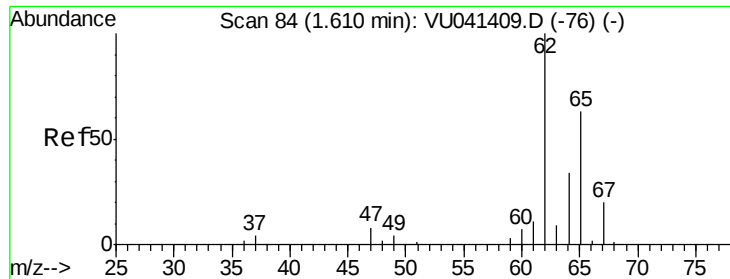
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.396 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU041420.D

Acq: 24 Nov 2020 16:07

Instrument :

MSVOA_U

ClientSampleID :

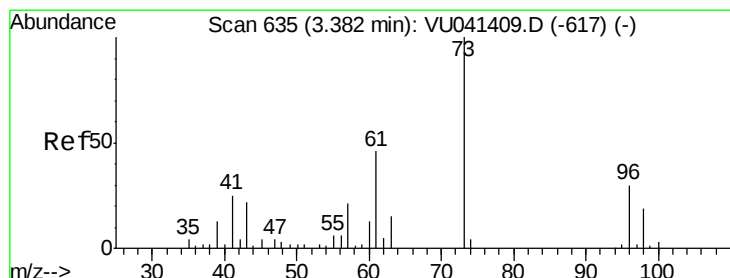
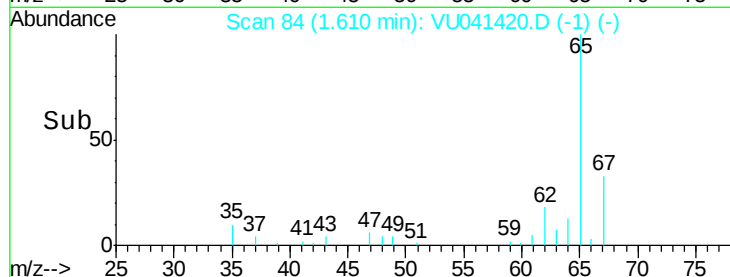
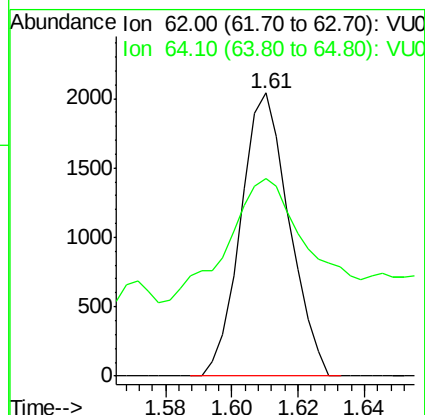
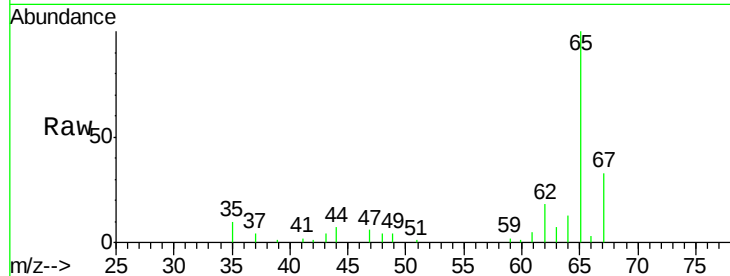
H4412DL

Tot Ion: 62 Resp: 2066

Ion Ratio Lower Upper

62 100

64 70.0 23.8 44.2#



#17

Methyl tert-butyl Ether

Concen: 0.291 ug/L

RT: 3.38 min Scan# 634

Delta R.T. -0.00 min

Lab File: VU041420.D

Acq: 24 Nov 2020 16:07

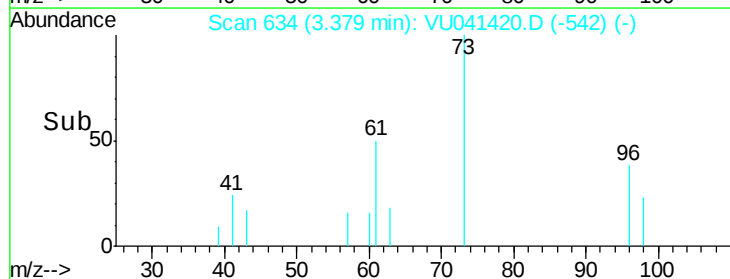
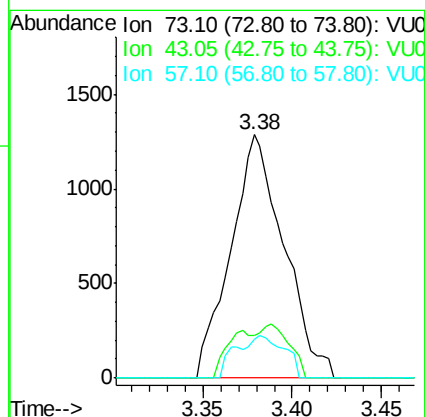
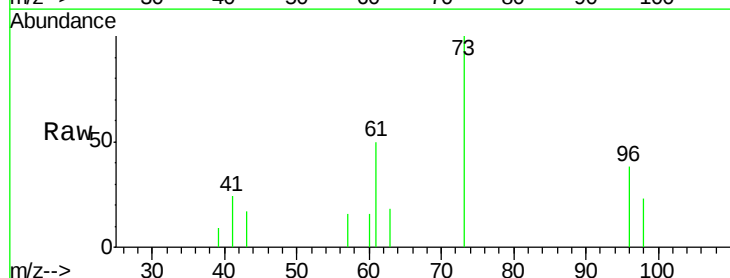
Tgt Ion: 73 Resp: 2664

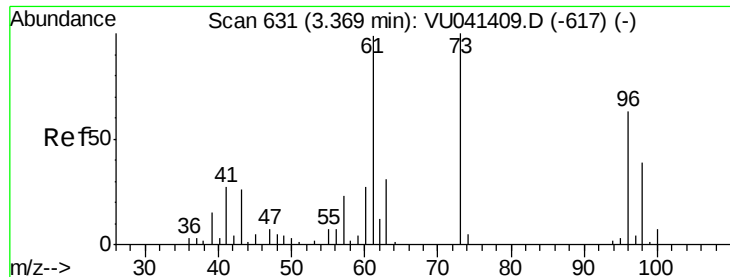
Ion Ratio Lower Upper

73 100

43 12.6 18.3 27.5#

57 15.8 17.7 26.5#

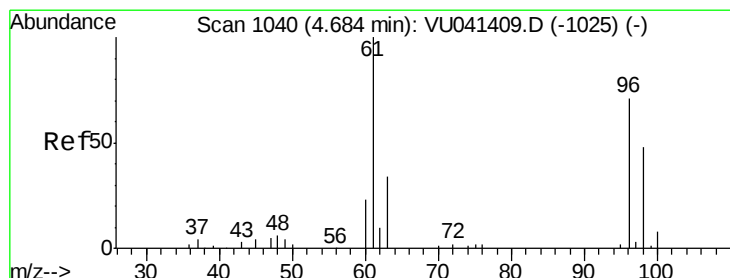
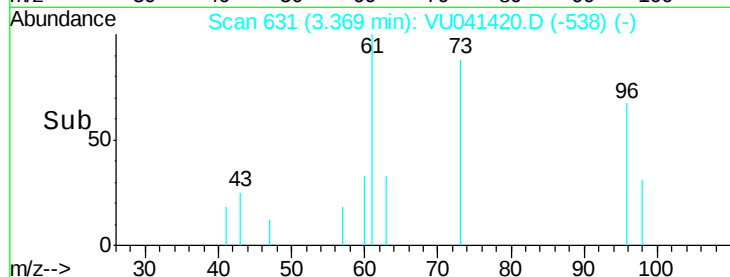
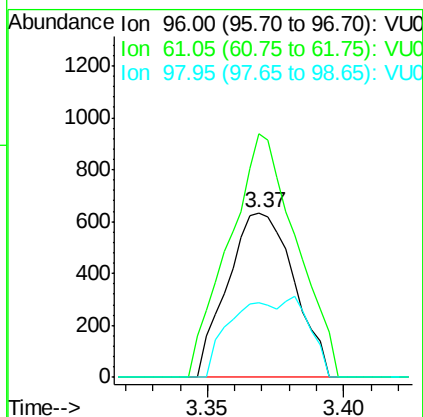
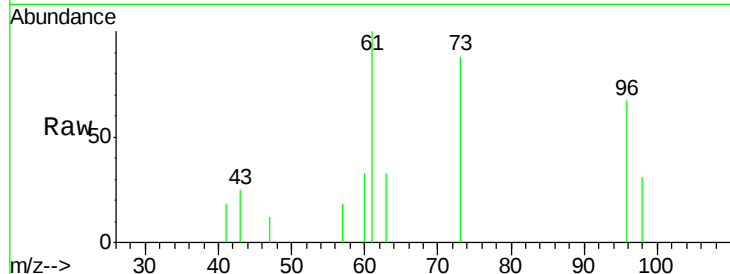




#18
trans-1,2-Dichloroethene
Concen: 0.269 ug/L
RT: 3.37 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU041420.D
Acq: 24 Nov 2020 16:07

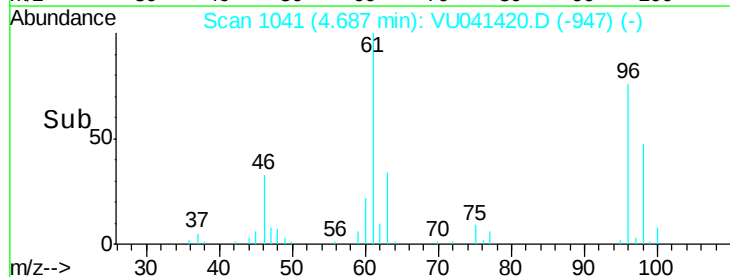
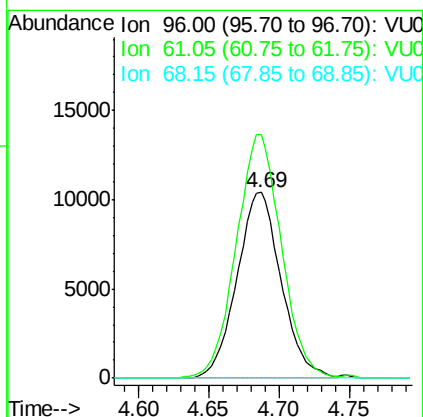
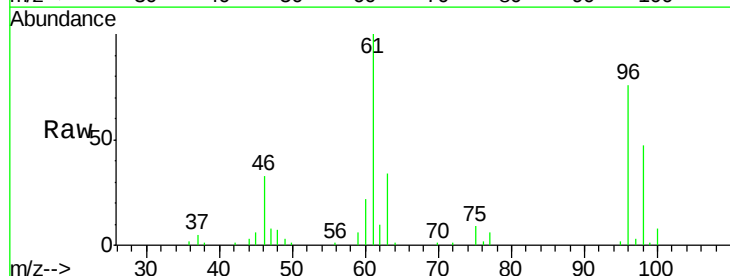
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MSVOA_U
ClientSampled :
H4412DL

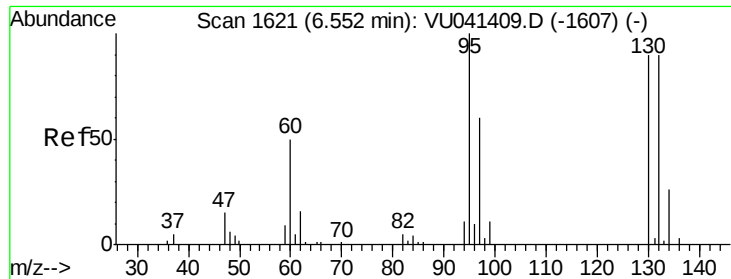
Tot Ion: 96 Resp: 1070
Ion Ratio Lower Upper
96 100
61 148.2 103.7 192.5
98 45.8 47.5 88.3#



#22
cis-1,2-Dichloroethene
Concen: 5.378 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU041420.D
Acq: 24 Nov 2020 16:07

Tgt Ion: 96 Resp: 22790
Ion Ratio Lower Upper
96 100
61 130.9 95.3 176.9
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 0.190 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VU041420.D

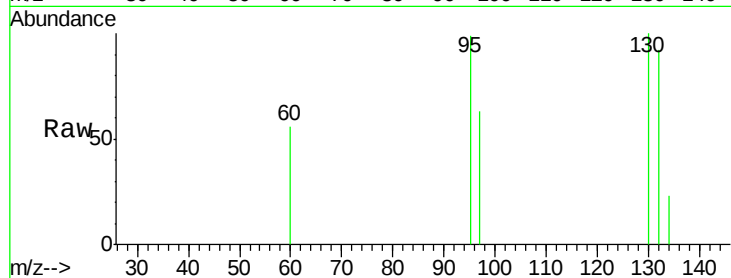
Acq: 24 Nov 2020 16:07

Instrument :

MSVOA_U

ClientSampleId :

H4412DL



Tot Ion: 95 Resp: 863

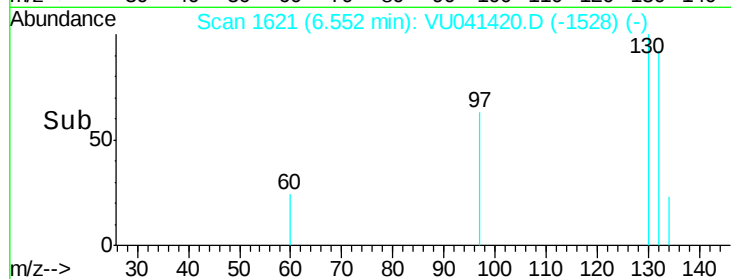
Ion Ratio Lower Upper

95 100

97 63.3 46.5 86.5

132 92.7 60.8 113.0

130 100.8 63.3 117.7



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

