

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091620\
 Data File : VV018254.D
 Acq On : 16 Sep 2020 22:57
 Operator : SY/MD
 Sample : L4042-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB9

Quant Time: Sep 17 06:01:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 17 05:33:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	286761	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	281547	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	135045	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	95540	40.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.76%
7) Chloroethane-d5	1.58	69	79715	41.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.38%
11) 1,1-Dichloroethene-d2	2.12	63	165659	38.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.28%
21) 2-Butanone-d5	3.92	46	124924	87.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.33%
24) Chloroform-d	4.38	84	173089	42.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.38%
26) 1,2-Dichloroethane-d4	5.06	65	115254	44.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.68%
32) Benzene-d6	5.08	84	345419	42.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.72%
36) 1,2-Dichloropropane-d6	6.09	67	113235	44.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.44%
41) Toluene-d8	7.34	98	308895	42.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.10%
43) trans-1,3-Dichloropropene-	7.64	79	53571	41.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.32%
47) 2-Hexanone-d5	8.11	63	89222	91.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.98%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	147441	45.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.74%
64) 1,2-Dichlorobenzene-d4	11.65	152	133819	48.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.50%

Target Compounds

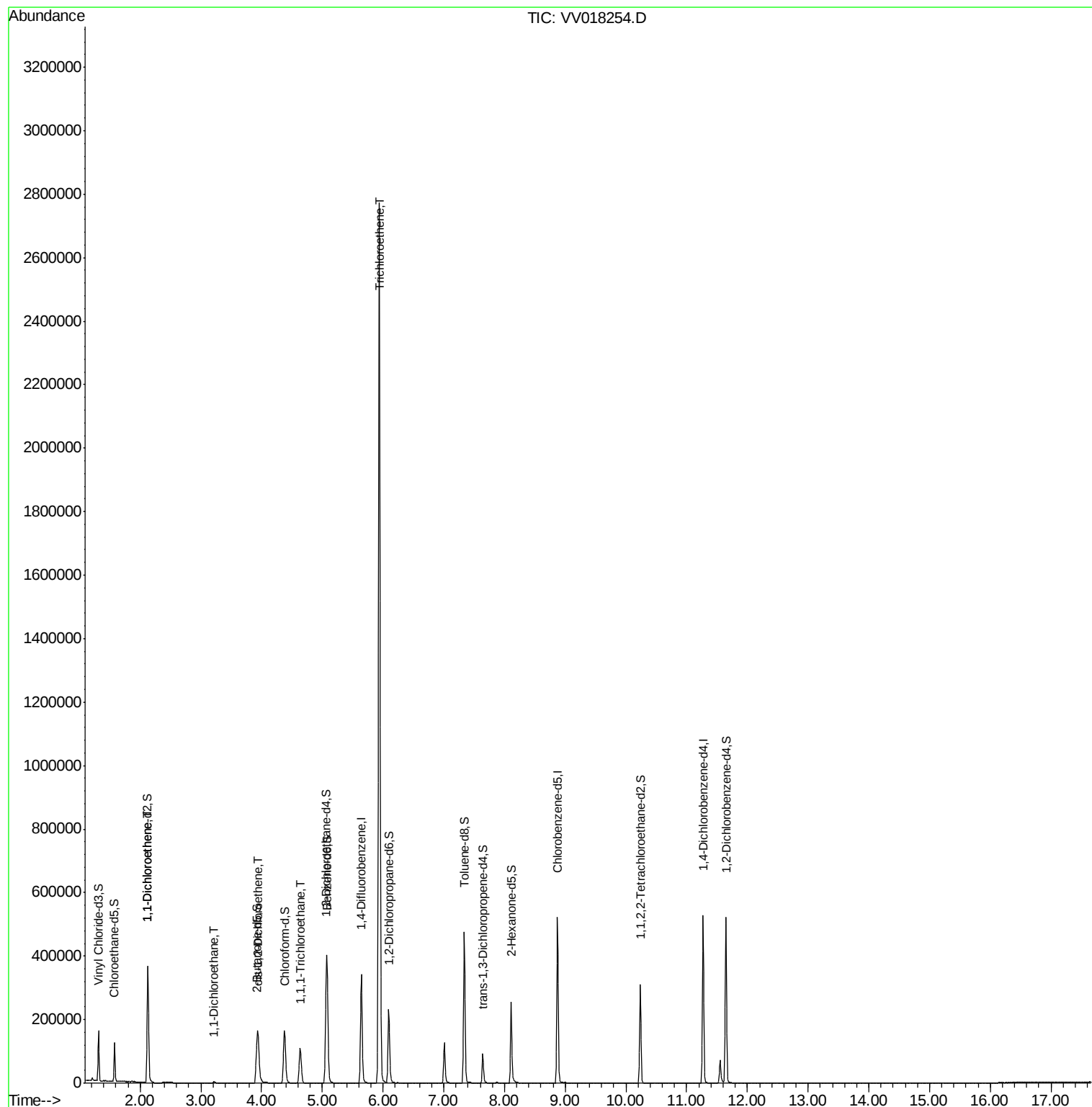
					Ovalue
12) 1,1-Dichloroethene	2.13	96	53936	28.646 ug/L	# 70
19) 1,1-Dichloroethane	3.22	63	4731	1.290 ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	65039	31.355 ug/L	100
30) 1,1,1-Trichloroethane	4.64	97	90696	27.757 ug/L	99
34) Trichloroethene	5.94	95	966361	440.688 ug/L	99

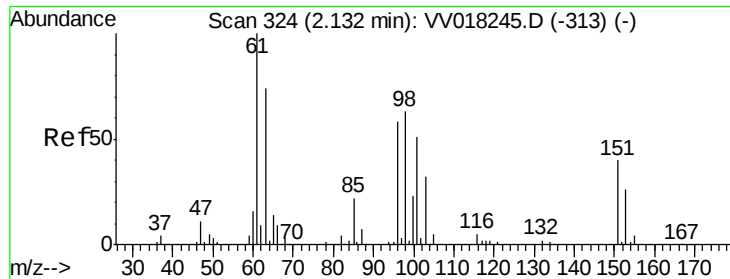
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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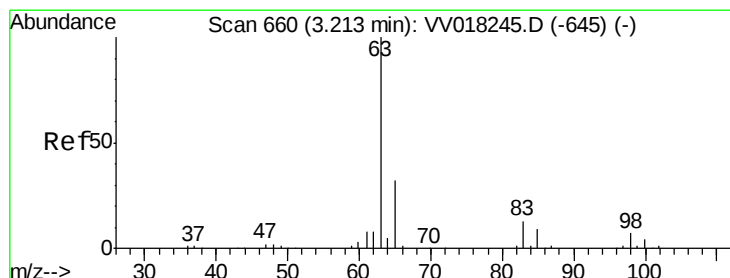
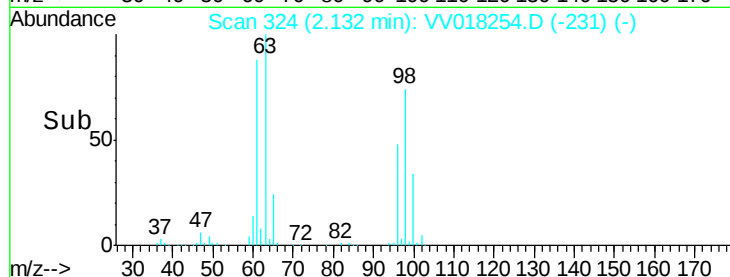
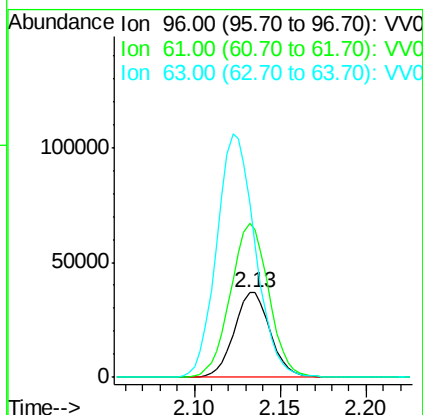
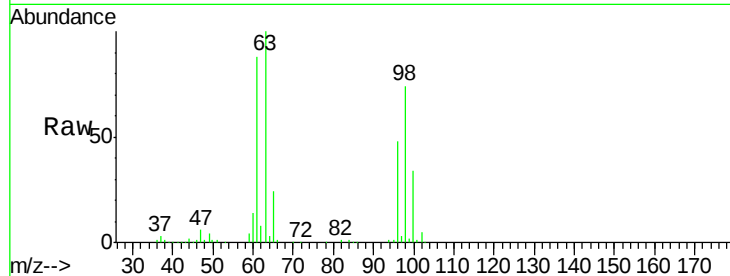




#12
 1,1-Dichloroethene
 Concen: 28.646 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. -0.00 min
 Lab File: VV018254.D
 Acq: 16 Sep 2020 22:57

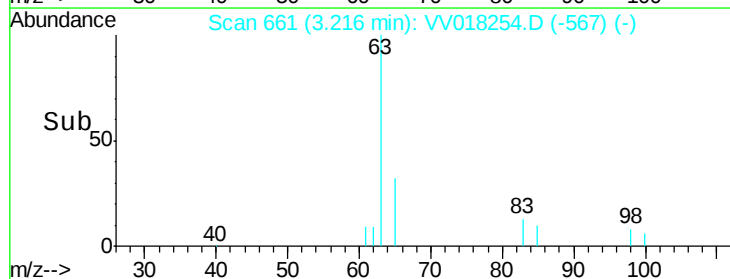
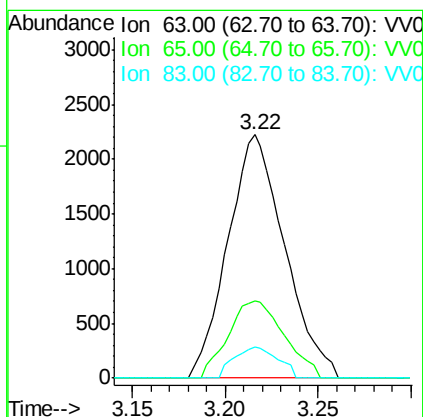
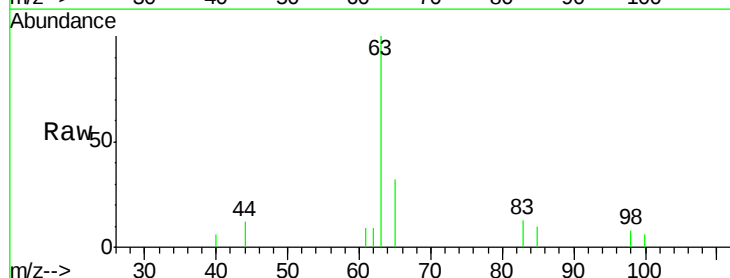
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB9

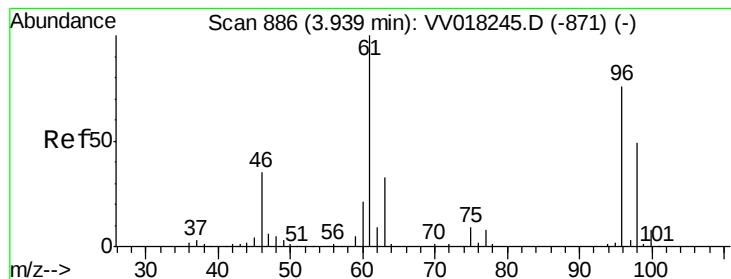
Tot Ion: 96 Resp: 53936
 Ion Ratio Lower Upper
 96 100
 61 181.3 122.9 228.3
 63 206.6 91.9 170.7#



#19
 1,1-Dichloroethane
 Concen: 1.290 ug/L
 RT: 3.22 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: VV018254.D
 Acq: 16 Sep 2020 22:57

Tgt Ion: 63 Resp: 4731
 Ion Ratio Lower Upper
 63 100
 65 31.6 22.5 41.7
 83 13.0 9.3 17.3



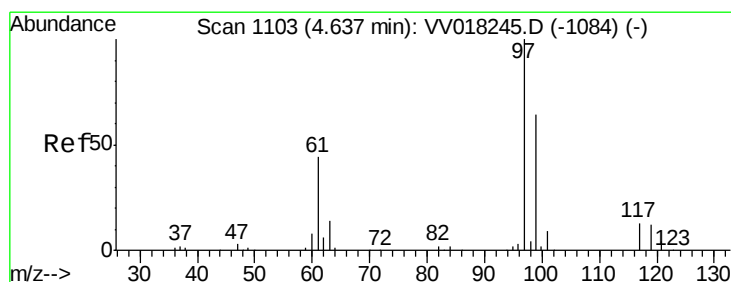
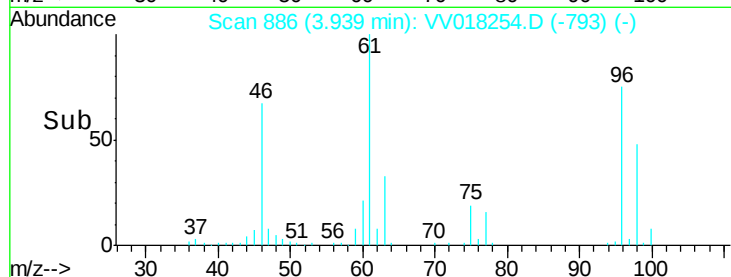
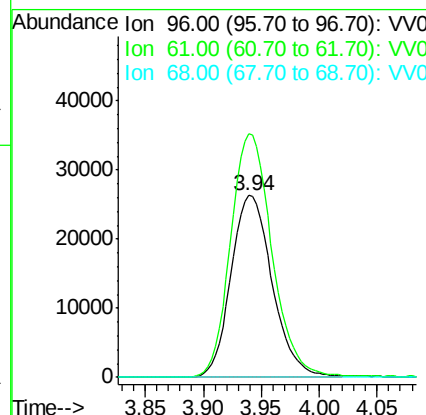
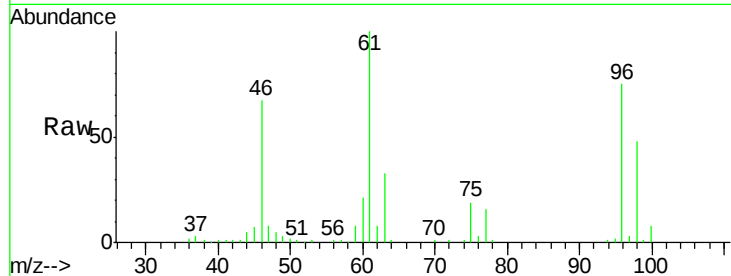


#20

cis-1,2-Dichloroethene
Concen: 31.355 ug/L
RT: 3.94 min Scan# 886
Delta R.T. -0.00 min
Lab File: VV018254.D
Acq: 16 Sep 2020 22:57

Instrument :
MSVOA_V
ClientSampled :
C0AB9

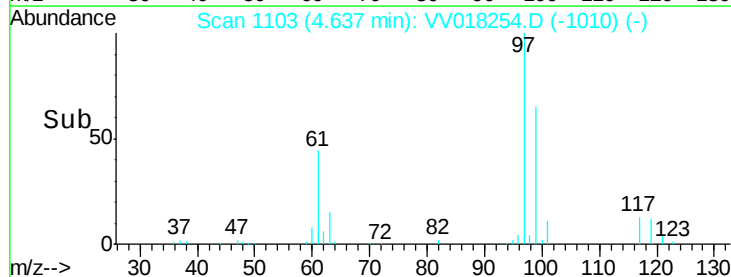
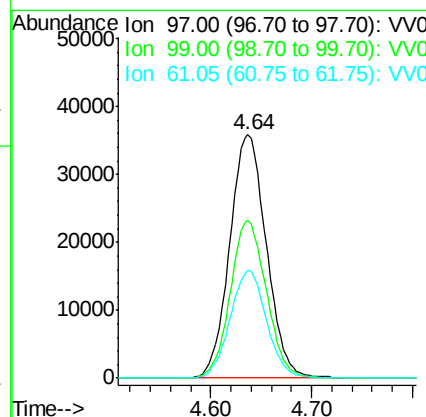
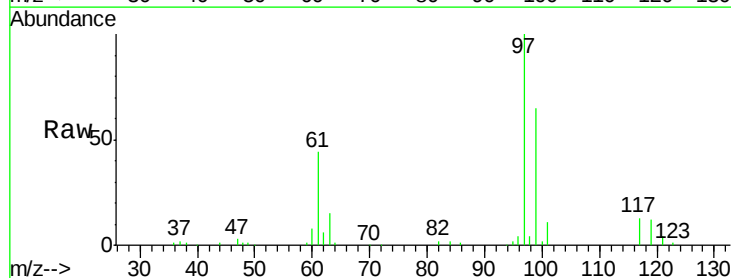
Tot Ion: 96 Resp: 65039
Ion Ratio Lower Upper
96 100
61 133.9 93.6 173.8
68 0.0 0.0 0.0

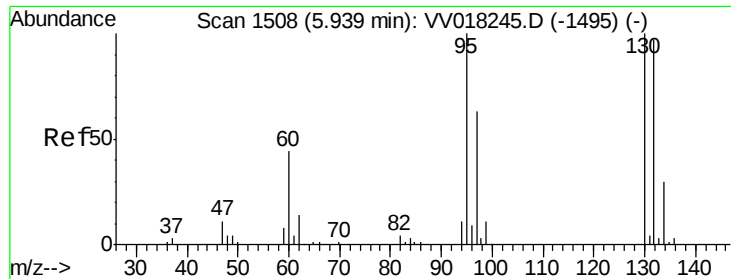


#30

1,1,1-Trichloroethane
Concen: 27.757 ug/L
RT: 4.64 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VV018254.D
Acq: 16 Sep 2020 22:57

Tgt Ion: 97 Resp: 90696
Ion Ratio Lower Upper
97 100
99 63.7 51.6 77.4
61 43.8 34.9 52.3





#34

Trichloroethene

Concen: 440.688 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. -0.00 min

Lab File: VV018254.D

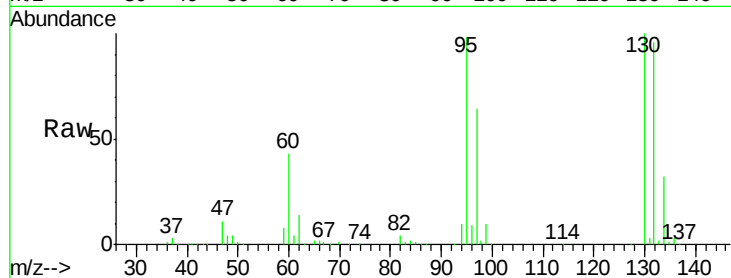
Acq: 16 Sep 2020 22:57

Instrument :

MSVOA_V

ClientSampleId :

C0AB9



Tot Ion: 95 Resp: 966361

Ion Ratio Lower Upper

95 100

97 64.8 46.3 85.9

132 98.1 68.1 126.5

130 101.9 71.5 132.9

Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

