

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062320\
 Data File : VV017030.D
 Acq On : 22 Jun 2020 20:33
 Operator : SY/MD
 Sample : L3067-10
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXG7

Quant Time: Jun 23 06:01:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 23 04:53:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	181282	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	177797	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	86442	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44975	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.58	69	36038	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.12	63	71149	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	3.93	46	128185	46.23	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.46%
24) Chloroform-d	4.38	84	104336	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.06	65	60317	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.07	84	211936	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.10	67	62190	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.34	98	194239	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
45) trans-1,3-Dichloropropene-	7.64	79	24283	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
48) 2-Hexanone-d5	8.11	63	86791	39.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.22%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	42892	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	78297	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

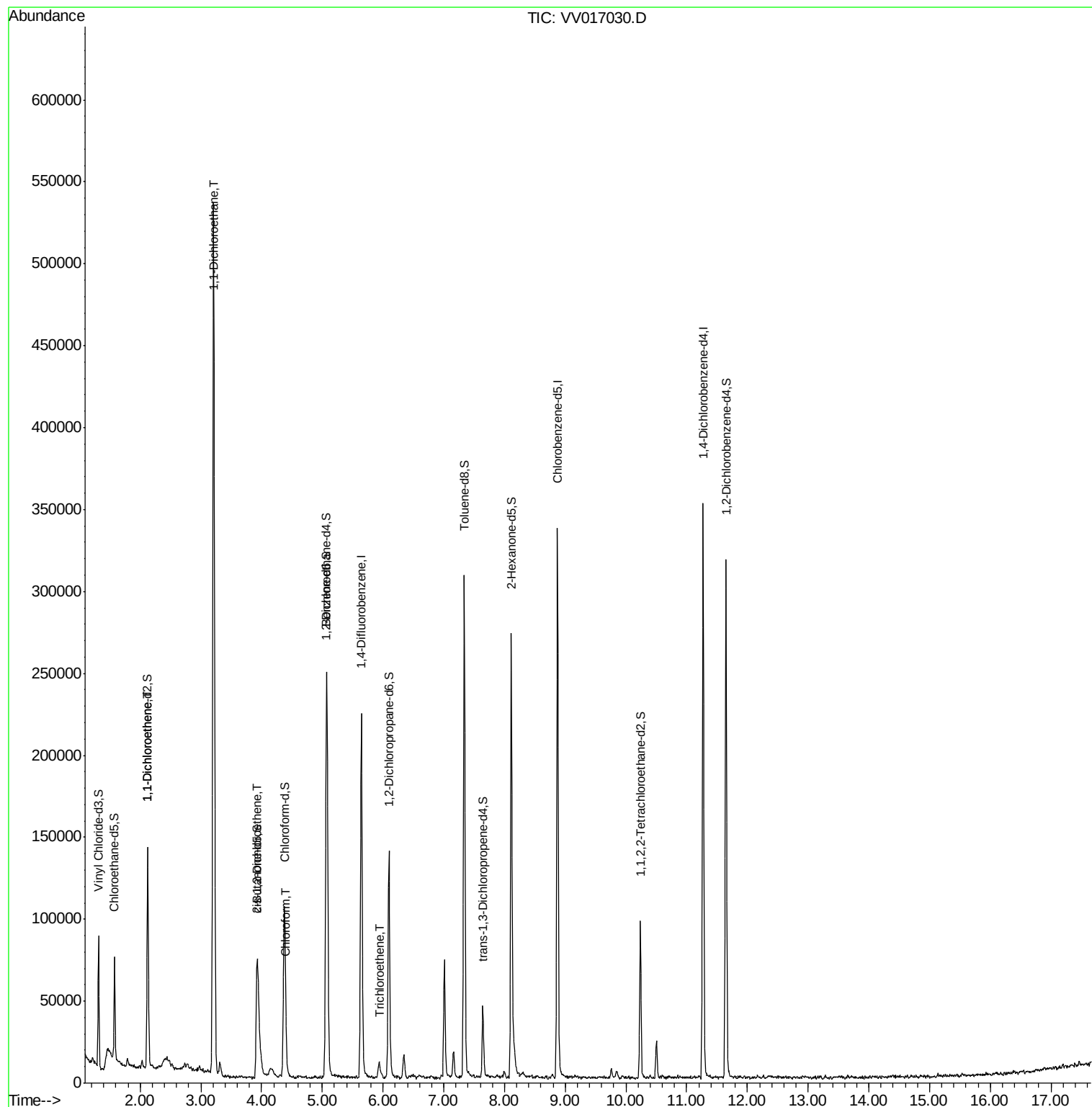
					Ovalue
12) 1,1-Dichloroethene	2.13	96	5471	0.629 ug/L #	1
19) 1,1-Dichloroethane	3.21	63	523726	25.282 ug/L	98
22) cis-1,2-Dichloroethene	3.94	96	2674	0.212 ug/L #	79
25) Chloroform	4.41	83	5382	0.238 ug/L	100
34) Trichloroethene	5.94	95	2387	0.175 ug/L	95

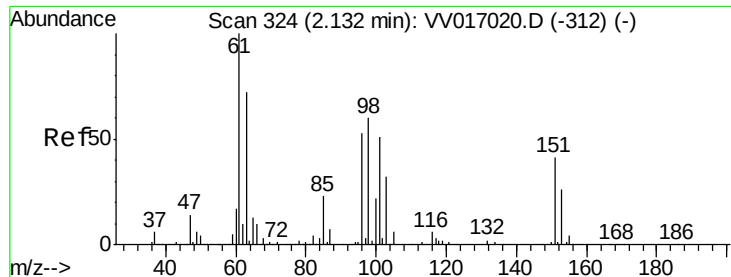
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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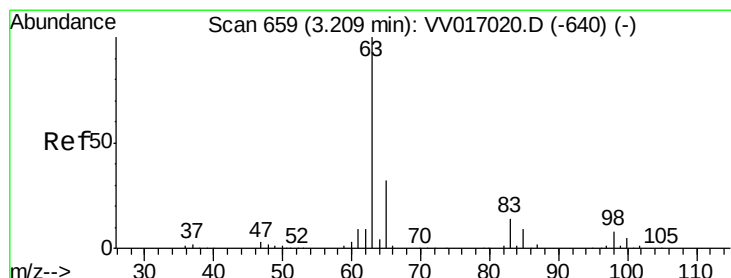
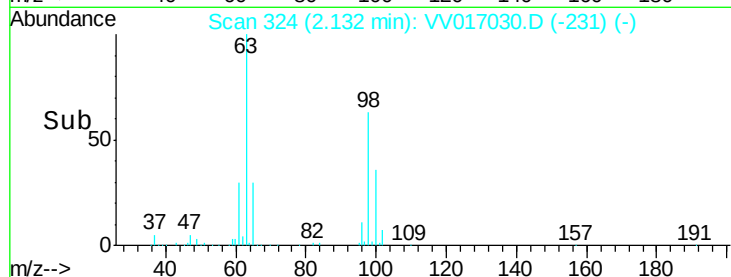
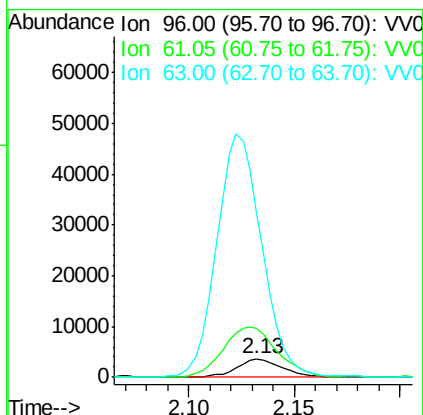
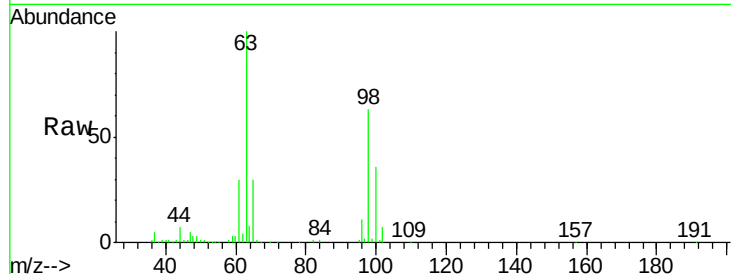




#12
 1,1-Dichloroethene
 Concen: 0.629 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. 0.00 min
 Lab File: VV017030.D
 Acq: 22 Jun 2020 20:33

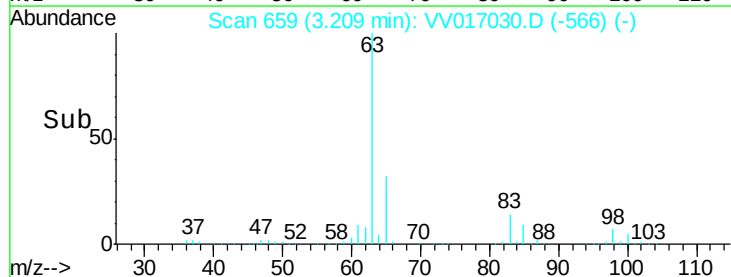
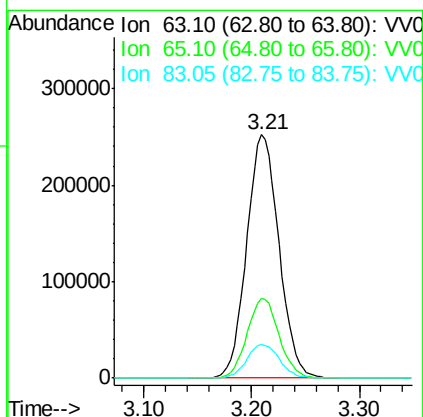
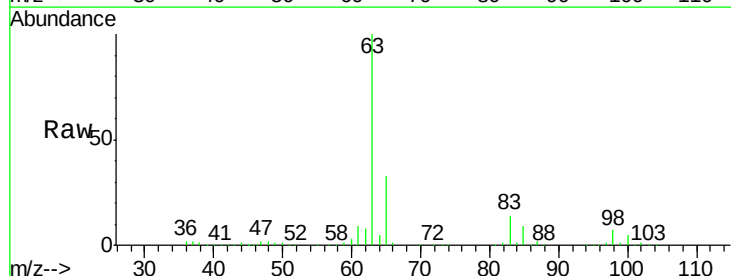
Instrument :
 MSVOA_V
 ClientSampleId :
 BFXG7

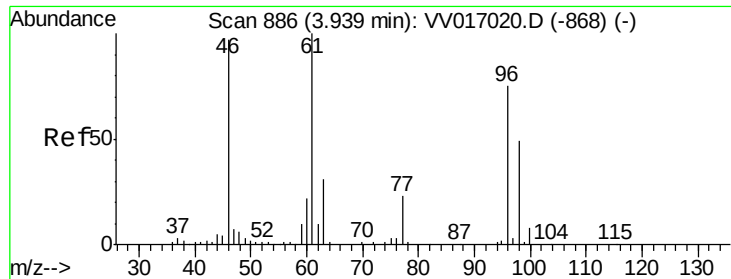
Tot Ion: 96 Resp: 5471
 Ion Ratio Lower Upper
 96 100
 61 260.7 125.0 232.2#
 63 882.5 109.8 203.8#



#19
 1,1-Dichloroethane
 Concen: 25.282 ug/L
 RT: 3.21 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VV017030.D
 Acq: 22 Jun 2020 20:33

Tgt Ion: 63 Resp: 523726
 Ion Ratio Lower Upper
 63 100
 65 32.5 21.8 40.4
 83 13.6 9.7 17.9





#22

cis-1,2-Dichloroethene

Concen: 0.212 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV017030.D

Acq: 22 Jun 2020 20:33

Instrument :

MSVOA_V

ClientSampleId :

BFXG7

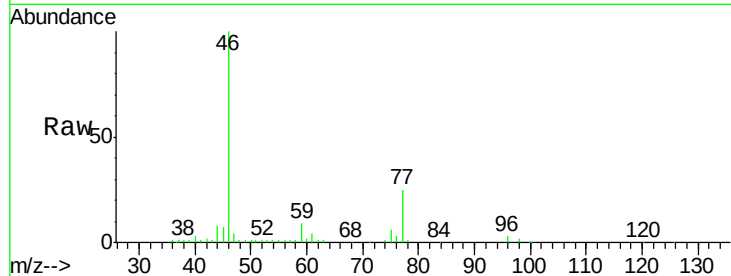
Tot Ion: 96 Resp: 2674

Ion Ratio Lower Upper

96 100

61 105.9 91.0 169.0

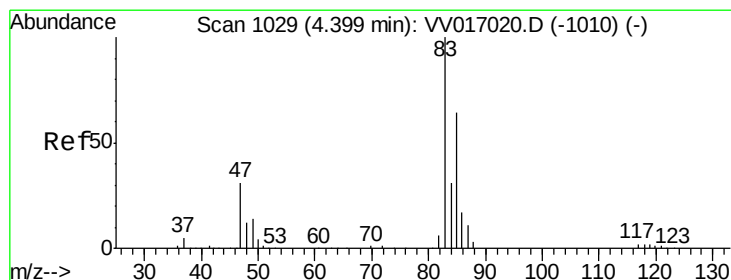
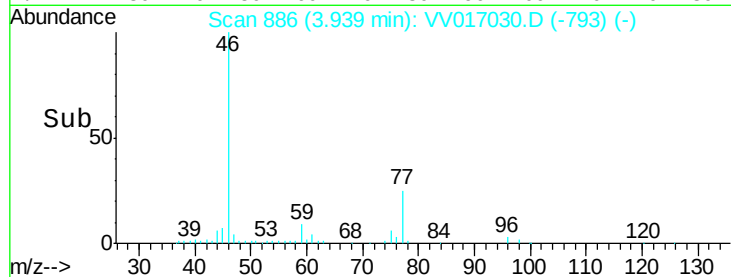
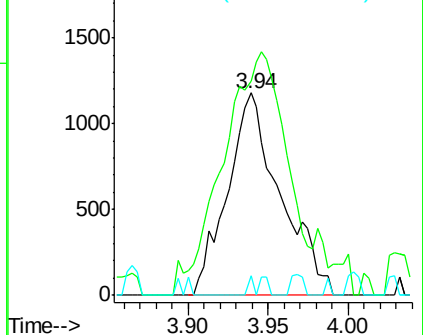
68 9.4 0.0 0.0#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0



#25

Chloroform

Concen: 0.238 ug/L

RT: 4.41 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VV017030.D

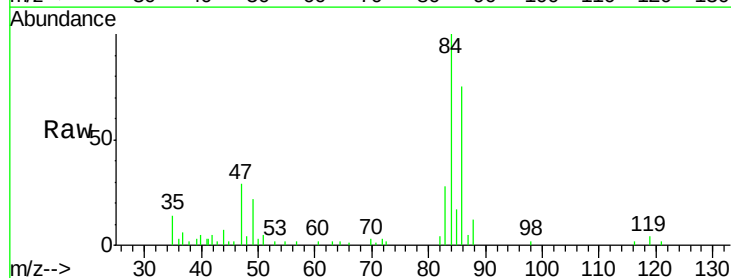
Acq: 22 Jun 2020 20:33

Tgt Ion: 83 Resp: 5382

Ion Ratio Lower Upper

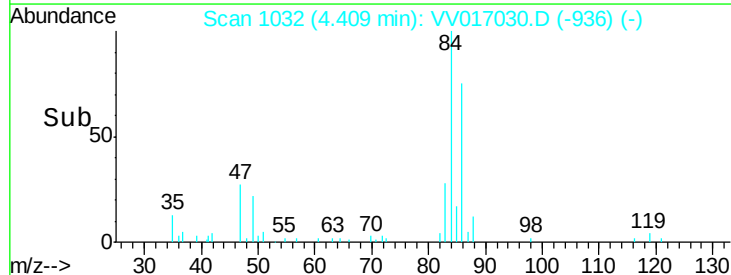
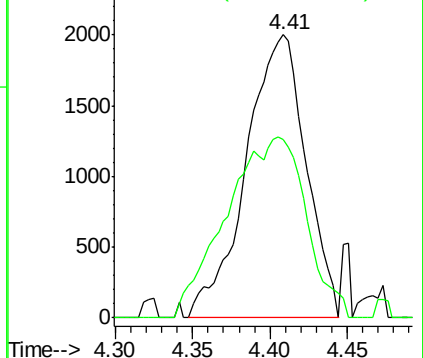
83 100

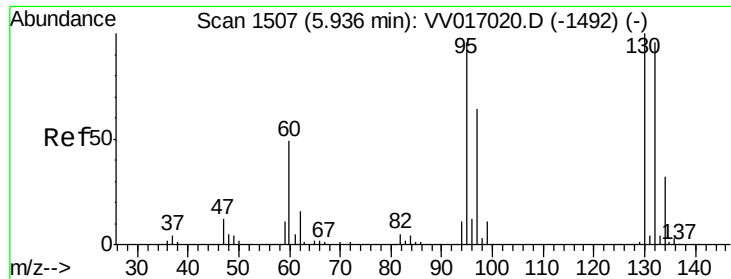
85 62.9 44.2 82.2



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0





#34

Trichloroethene

Concen: 0.175 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV017030.D

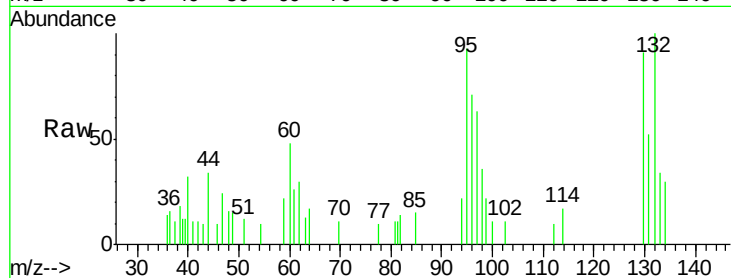
Acq: 22 Jun 2020 20:33

Instrument :

MSVOA_V

ClientSampleId :

BFXG7



Tot Ion: 95 Resp: 2387

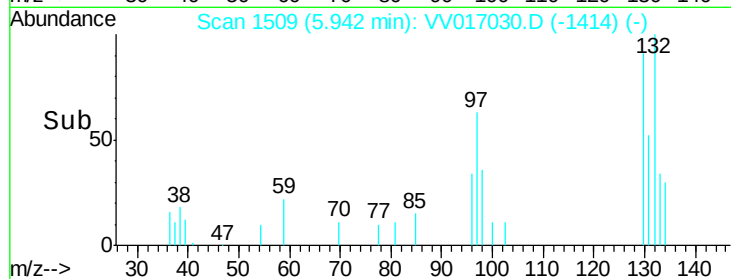
Ion Ratio Lower Upper

95 100

97 67.5 45.3 84.1

132 107.2 68.8 127.8

130 97.9 70.2 130.4



Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

