

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR061618\
 Data File : VR025354.D
 Acq On : 17 Jun 2018 9:24
 Operator : SY/MD
 Sample : J3513-14
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KF0

Quant Time: Jun 18 05:13:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 18 04:02:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	521069	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	440040	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	132538	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	72666	4.09	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.80%
7) Chloroethane-d5	2.63	69	61291	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	3.65	63	646676	14.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	283.40%#
20) 2-Butanone-d5	6.59	46	259490	54.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.10%
24) Chloroform-d	7.20	84	288384	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	7.89	65	115551	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	7.85	84	597171	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.00%
36) 1,2-Dichloropropane-d6	8.90	67	183077	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.40%
41) Toluene-d8	9.97	98	460757	3.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.80%#
43) trans-1,3-Dichloropropene-	10.24	79	21487	1.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	38.00%#
46) 2-Hexanone-d5	10.59	63	207450	52.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.96%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	85399	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	107597	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

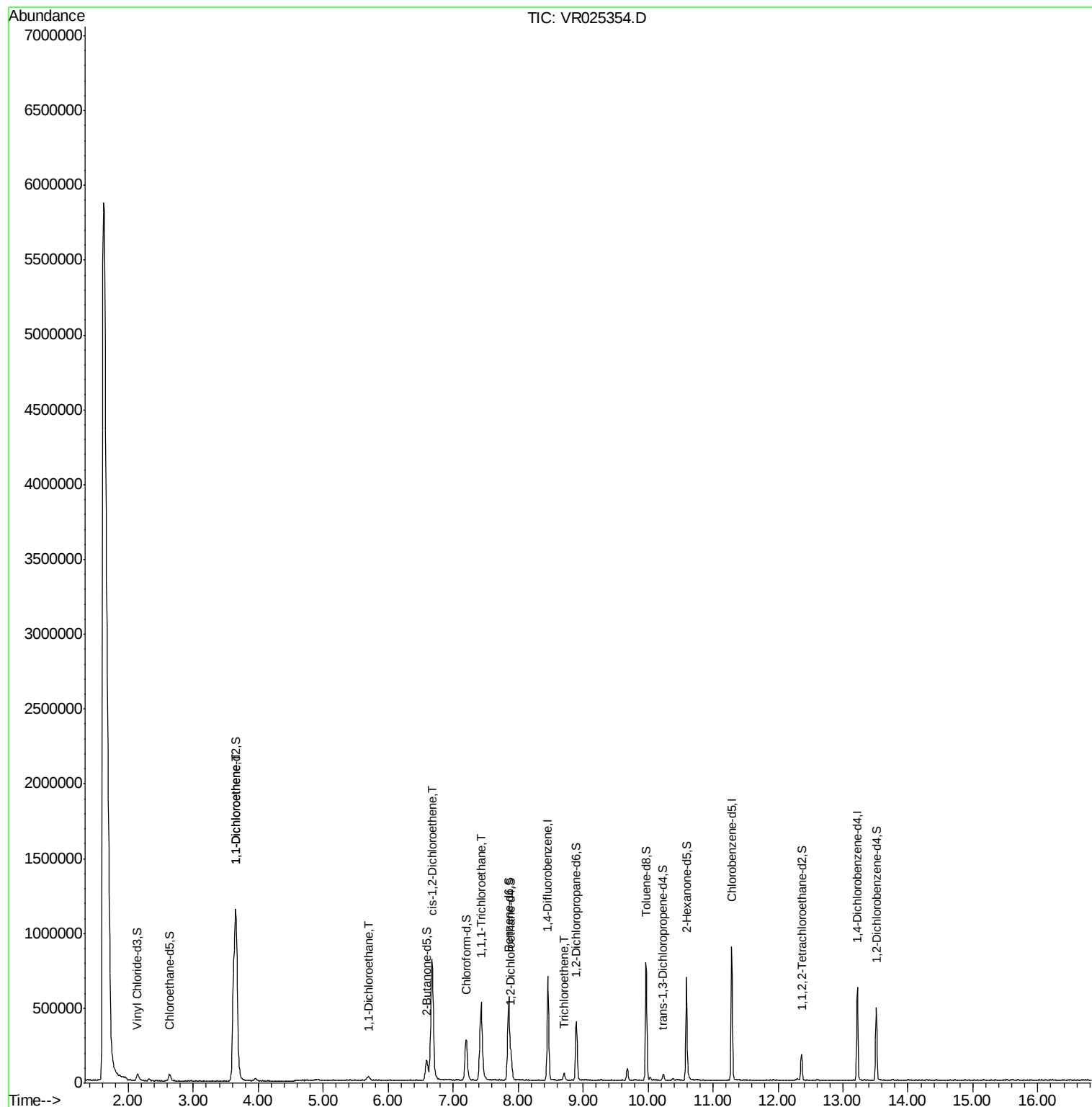
					Ovalue
12) 1,1-Dichloroethene	3.66	96	775785	42.354 ug/L #	59
19) 1,1-Dichloroethane	5.70	63	40857	0.578 ug/L	94
22) cis-1,2-Dichloroethene	6.68	96	471589	12.002 ug/L	93
29) 1,1,1-Trichloroethane	7.43	97	449707	8.604 ug/L	98
34) Trichloroethene	8.71	95	16719	0.400 ug/L #	85

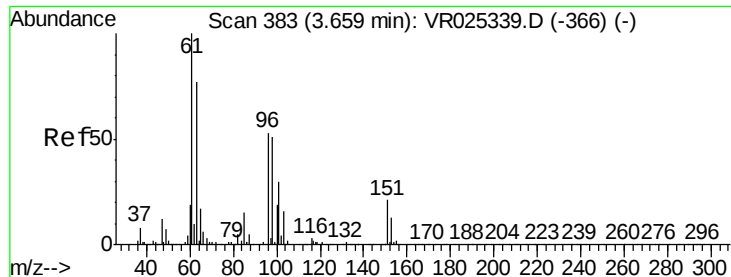
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 18 04:02:12 2018
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#12

1,1-Dichloroethene

Concen: 42.354 ug/L

RT: 3.66 min Scan# 383

Delta R.T. 0.00 min

Lab File: VR025354.D

Acq: 17 Jun 2018 9:24

Instrument :

MSVOA_R

ClientSampleId :

C0KF0

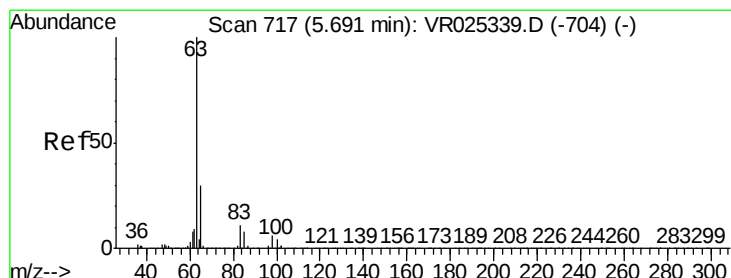
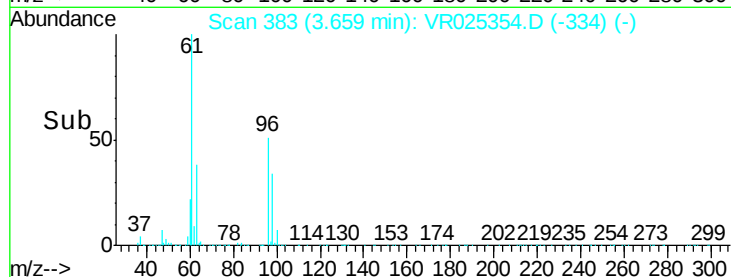
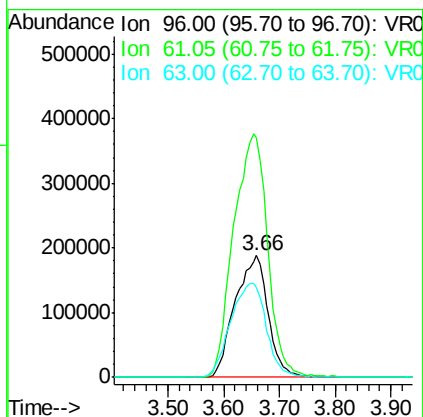
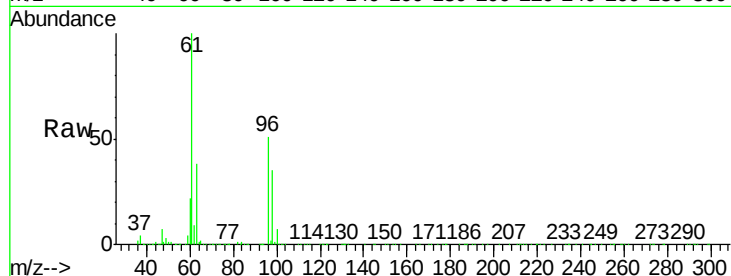
Tot Ion: 96 Resp: 775785

Ion Ratio Lower Upper

96 100

61 196.3 155.0 287.9

63 74.2 122.3 227.1#



#19

1,1-Dichloroethane

Concen: 0.578 ug/L

RT: 5.70 min Scan# 718

Delta R.T. 0.01 min

Lab File: VR025354.D

Acq: 17 Jun 2018 9:24

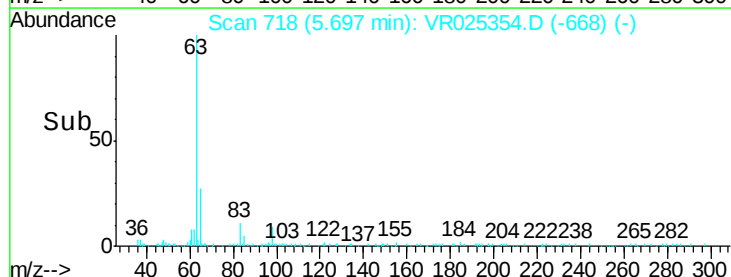
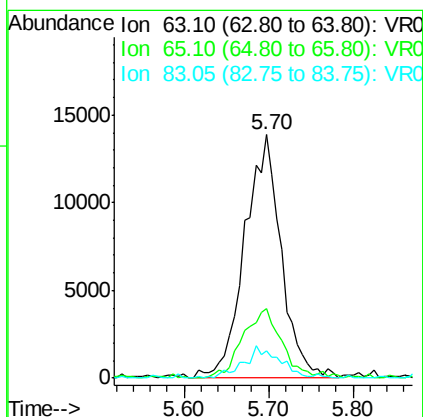
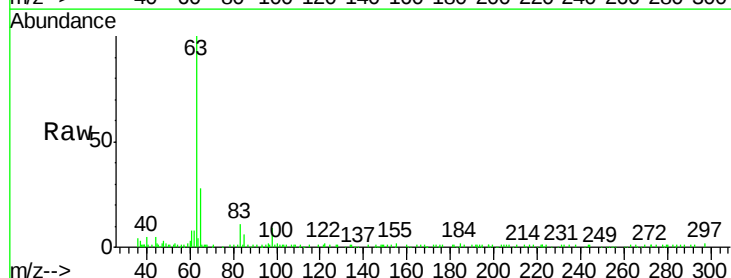
Tgt Ion: 63 Resp: 40857

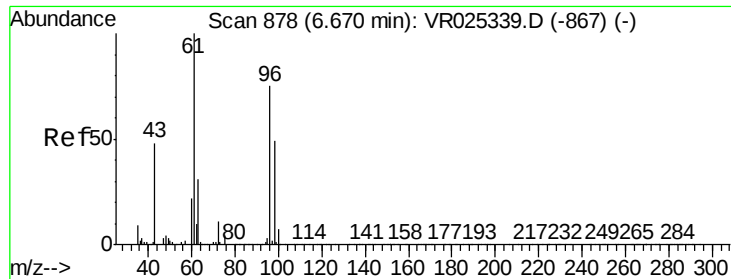
Ion Ratio Lower Upper

63 100

65 28.5 22.5 41.7

83 11.4 9.5 17.7



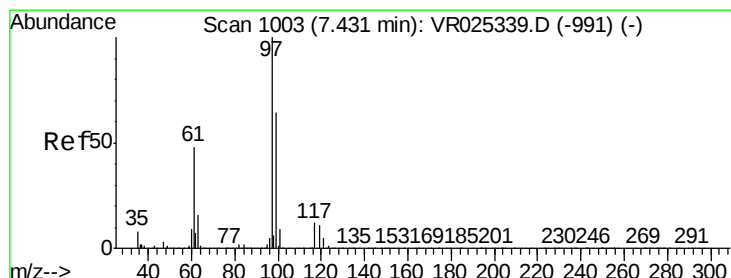
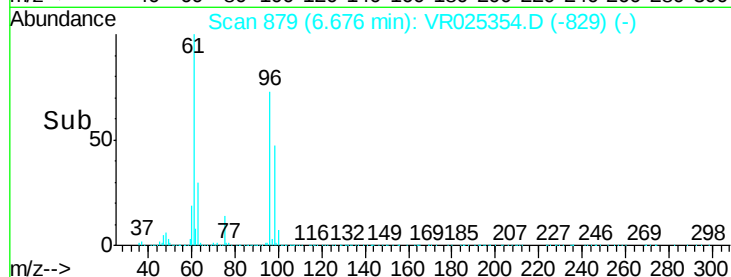
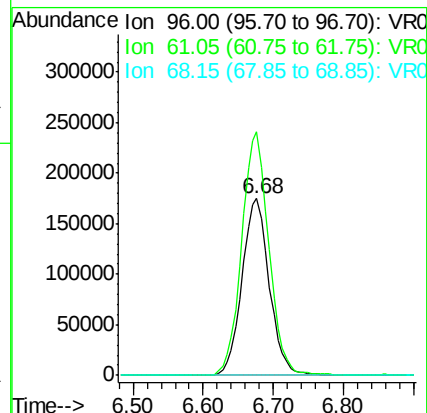
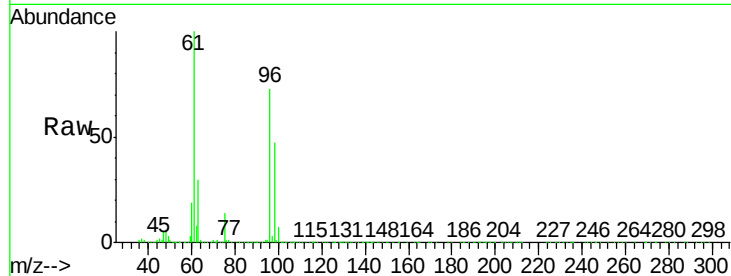


#22

cis-1,2-Dichloroethene
Concen: 12.002 ug/L
RT: 6.68 min Scan# 879
Delta R.T. 0.01 min
Lab File: VR025354.D
Acq: 17 Jun 2018 9:24

Instrument :
MSVOA_R
ClientSampleId :
C0KF0

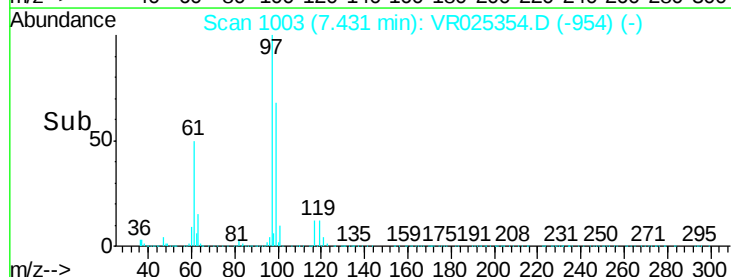
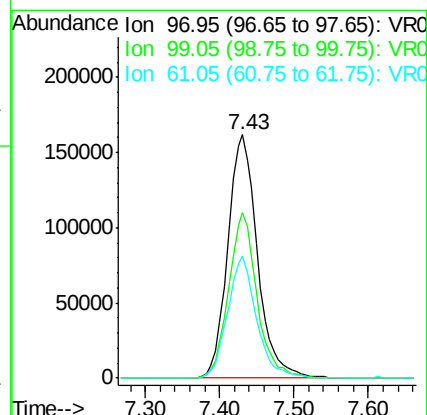
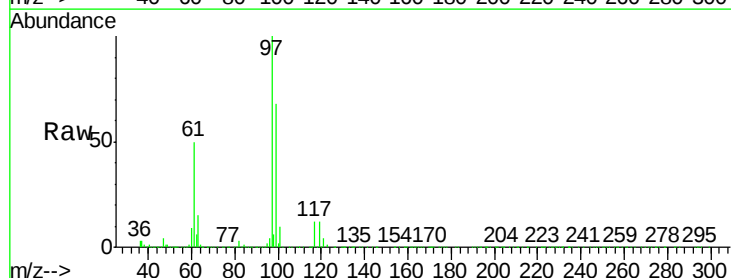
Tot Ion	Ratio	Lower	Upper
96	100		
61	137.7	91.0	169.0
68	0.0	0.0	0.0

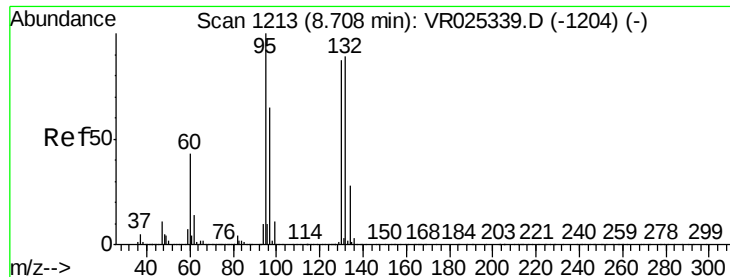


#29

1,1,1-Trichloroethane
Concen: 8.604 ug/L
RT: 7.43 min Scan# 1003
Delta R.T. 0.00 min
Lab File: VR025354.D
Acq: 17 Jun 2018 9:24

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	52.1	78.1
61	49.0	37.0	55.6





#34

Trichloroethene

Concen: 0.400 ug/L

RT: 8.71 min Scan# 1213

Delta R.T. 0.00 min

Lab File: VR025354.D

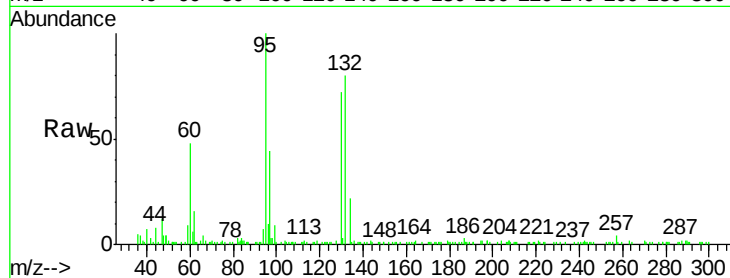
Acq: 17 Jun 2018 9:24

Instrument :

MSVOA_R

ClientSampleId :

C0KF0



Tot Ion:	95	Resp:	16719
Ion	Ratio	Lower	Upper
95	100		
97	43.9	45.6	84.6#
132	80.3	60.9	113.1
130	75.4	62.0	115.2

