

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061019\
 Data File : VV011353.D
 Acq On : 10 Jun 2019 16:35
 Operator : SY/MD
 Sample : K3226-08
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCN6

Quant Time: Jun 11 02:27:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 11 01:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	142230	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	128563	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	50312	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41448	3.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.00%
7) Chloroethane-d5	1.57	69	38692	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	2.12	63	66427	3.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.60%
20) 2-Butanone-d5	3.96	46	123663	50.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.94%
24) Chloroform-d	4.40	84	86915	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.08	65	49866	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.09	84	170009	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	6.12	67	54776	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.36	98	141677	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
43) trans-1,3-Dichloropropene-	7.66	79	12280	2.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	54.40%#
46) 2-Hexanone-d5	8.13	63	89185	46.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.50%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	38509	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	46197	4.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.00%

Target Compounds

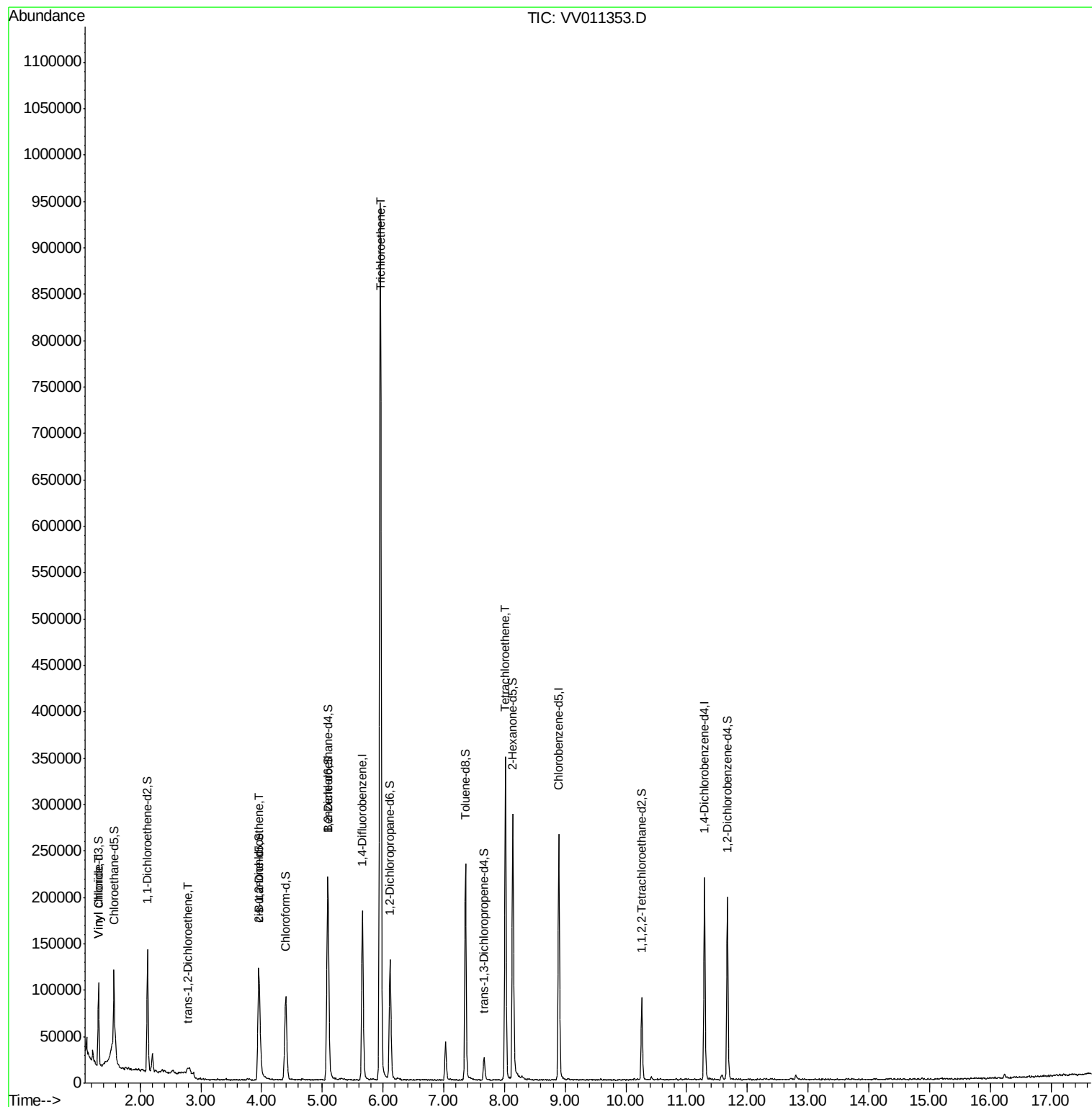
					Ovalue
5) Vinyl chloride	1.32	62	7970	0.609 ug/L	# 74
18) trans-1,2-Dichloroethene	2.78	96	1373	0.137 ug/L	94
22) cis-1,2-Dichloroethene	3.96	96	24355	2.192 ug/L	97
34) Trichloroethene	5.96	95	313887	29.701 ug/L	98
47) Tetrachloroethene	8.02	164	67691	8.863 ug/L	98

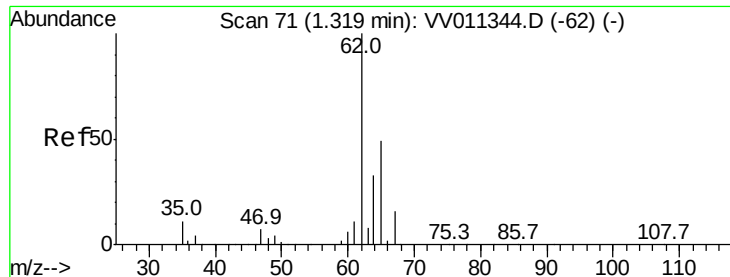
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.609 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV011353.D

Acq: 10 Jun 2019 16:35

Instrument :

MSVOA_V

ClientSampleId :

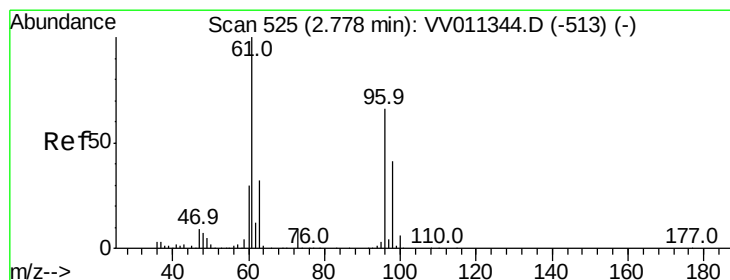
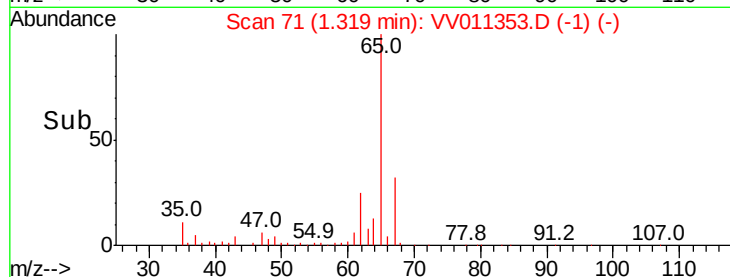
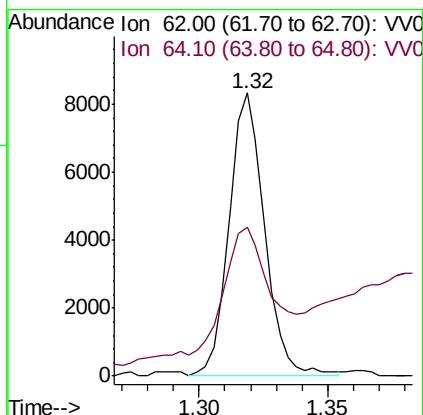
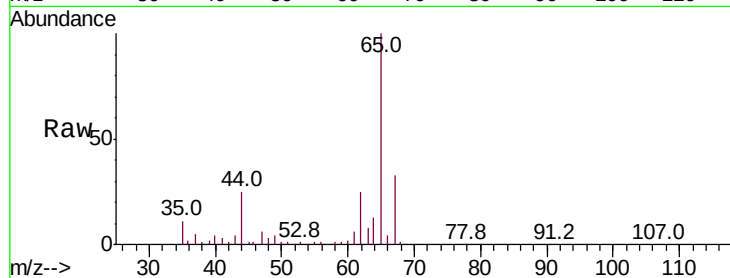
BFCN6

Tot Ion: 62 Resp: 7970

Ion Ratio Lower Upper

62 100

64 52.5 25.9 48.1#



#18

trans-1,2-Dichloroethene

Concen: 0.137 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.00 min

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Acq: 10 Jun 2019 16:35

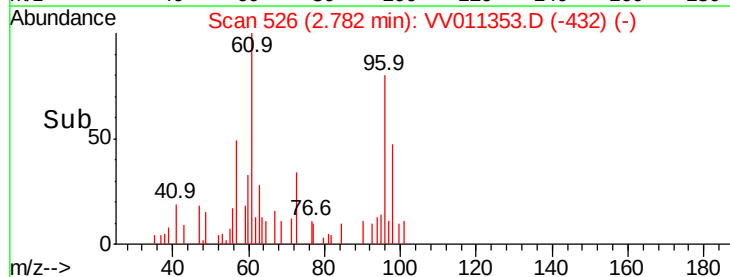
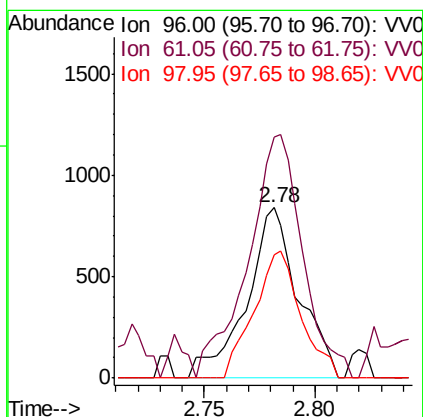
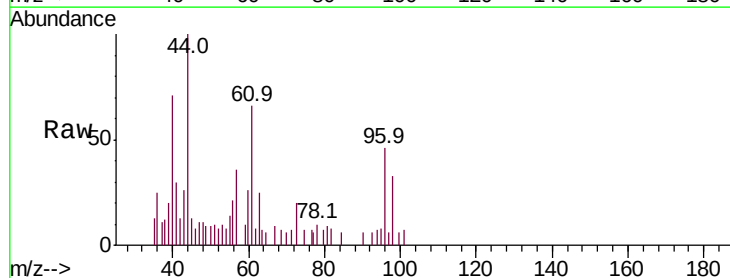
Tgt Ion: 96 Resp: 1373

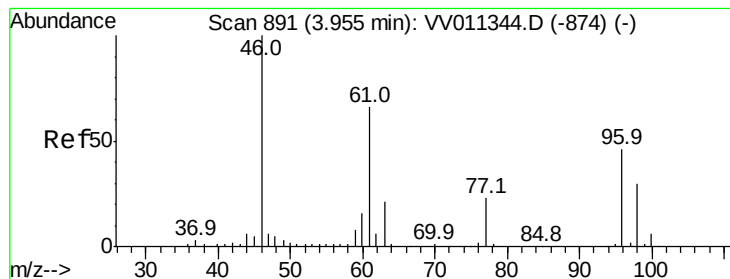
Ion Ratio Lower Upper

96 100

61 141.8 104.0 193.2

98 72.1 45.7 84.9



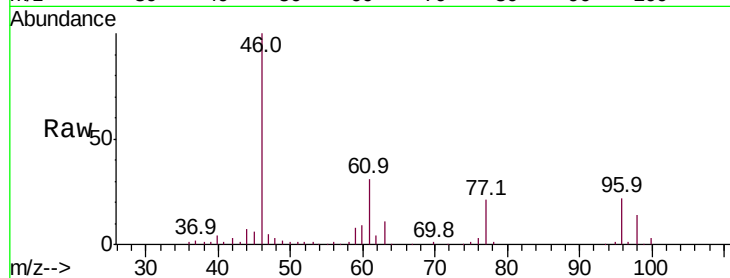


#22

cis-1,2-Dichloroethene
Concen: 2.192 ug/L
RT: 3.96 min Scan# 891
Delta R.T. 0.00 min
Lab File: VV011353.D
Acq: 10 Jun 2019 16:35

Instrument :
MSVOA_V
ClientSampleId :
BFCN6

Tot Ion	96	Resp	24355
Ion	Ratio	Lower	Upper
96	100		
61	140.3	100.8	187.2
68	0.0	0.0	0.0

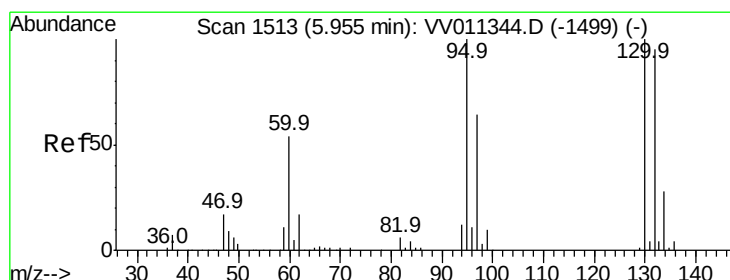
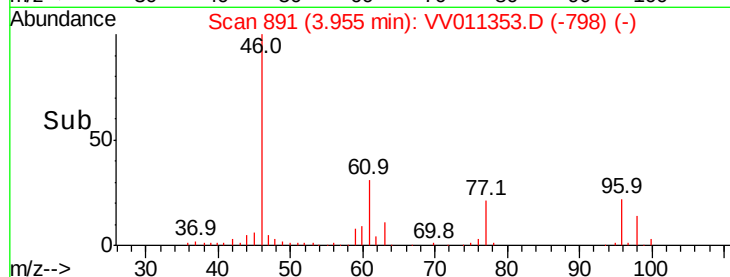
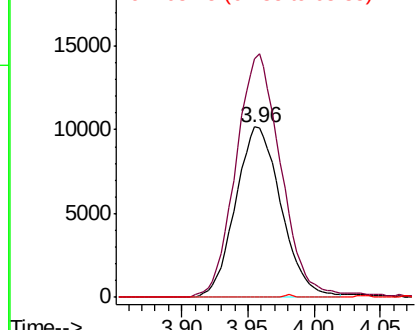


Abundance

Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

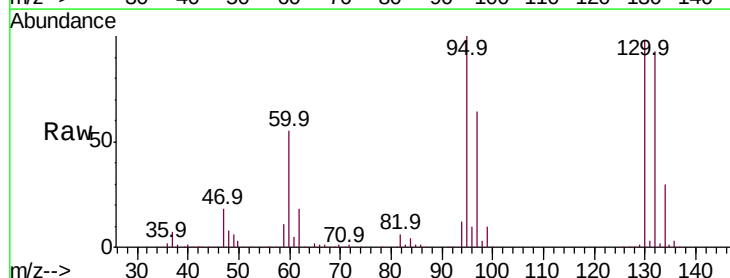
Ion 68.15 (67.85 to 68.85): VV0



#34

Trichloroethene
Concen: 29.701 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV011353.D
Acq: 10 Jun 2019 16:35

Tgt Ion	95	Resp	313887
Ion	Ratio	Lower	Upper
95	100		
97	64.0	45.8	85.2
132	92.8	66.4	123.2
130	98.3	68.3	126.8



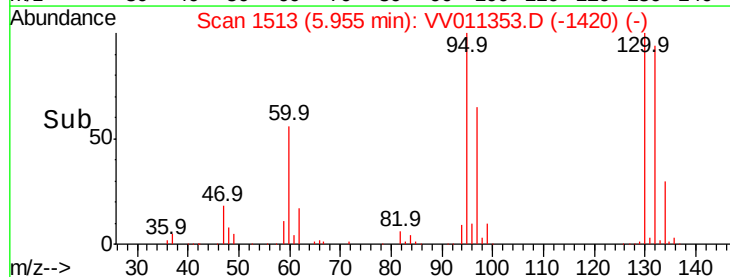
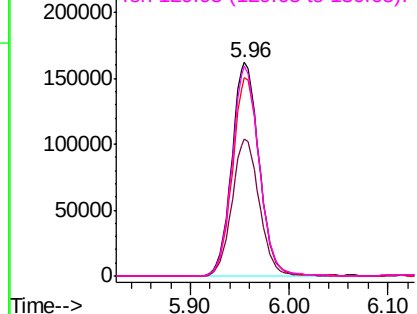
Abundance

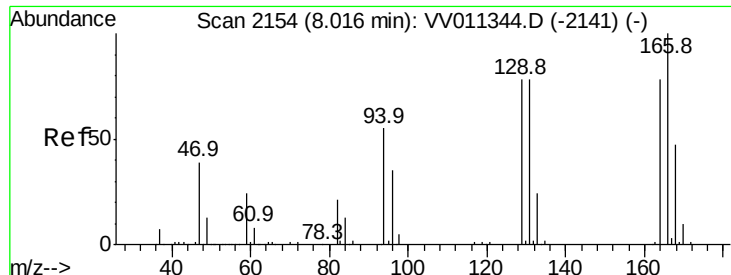
Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0





#47

Tetrachloroethene

Concen: 8.863 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV011353.D

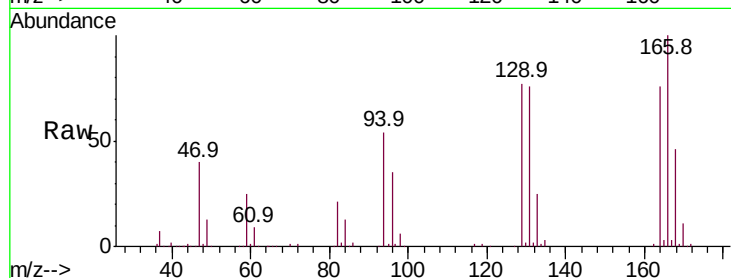
Acq: 10 Jun 2019 16:35

Instrument :

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Tot Ion:164 Resp: 67691

Ion Ratio Lower Upper

164 100

129 100.9 69.9 129.9

131 99.3 66.8 124.2

166 130.8 90.2 167.6

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

