

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110620\
 Data File : VW017107.D
 Acq On : 06 Nov 2020 17:47
 Operator : SY/VA
 Sample : VIBLK08
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK08

Quant Time: Nov 07 06:05:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 07 04:26:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	228435	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	211183	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	92734	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	136018	47.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	189.08%#
7) Chloroethane-d5	2.89	69	107023	48.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	193.08%#
10) 1,1-Dichloroethene-d2	4.03	63	176136	34.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	136.88%#
20) 2-Butanone-d5	7.09	46	48873	75.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	151.92%#
24) Chloroform-d	7.65	84	248219	46.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	186.20%#
26) 1,2-Dichloroethane-d4	8.31	65	122064	46.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	184.16%#
29) Benzene-d6	8.28	84	497653	46.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	185.08%#
33) 1,2-Dichloropropane-d6	9.28	67	137412	46.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	184.76%#
37) Toluene-d8	10.33	98	457609	45.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	180.52%#
38) trans-1,3-Dichloropropene-	10.58	79	53949	40.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	160.92%#
39) 2-Hexanone-d5	10.93	63	36488	70.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	140.58%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	108940	42.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	168.16%#
61) 1,2-Dichlorobenzene-d4	13.86	152	167101	51.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	204.60%#

Target Compounds

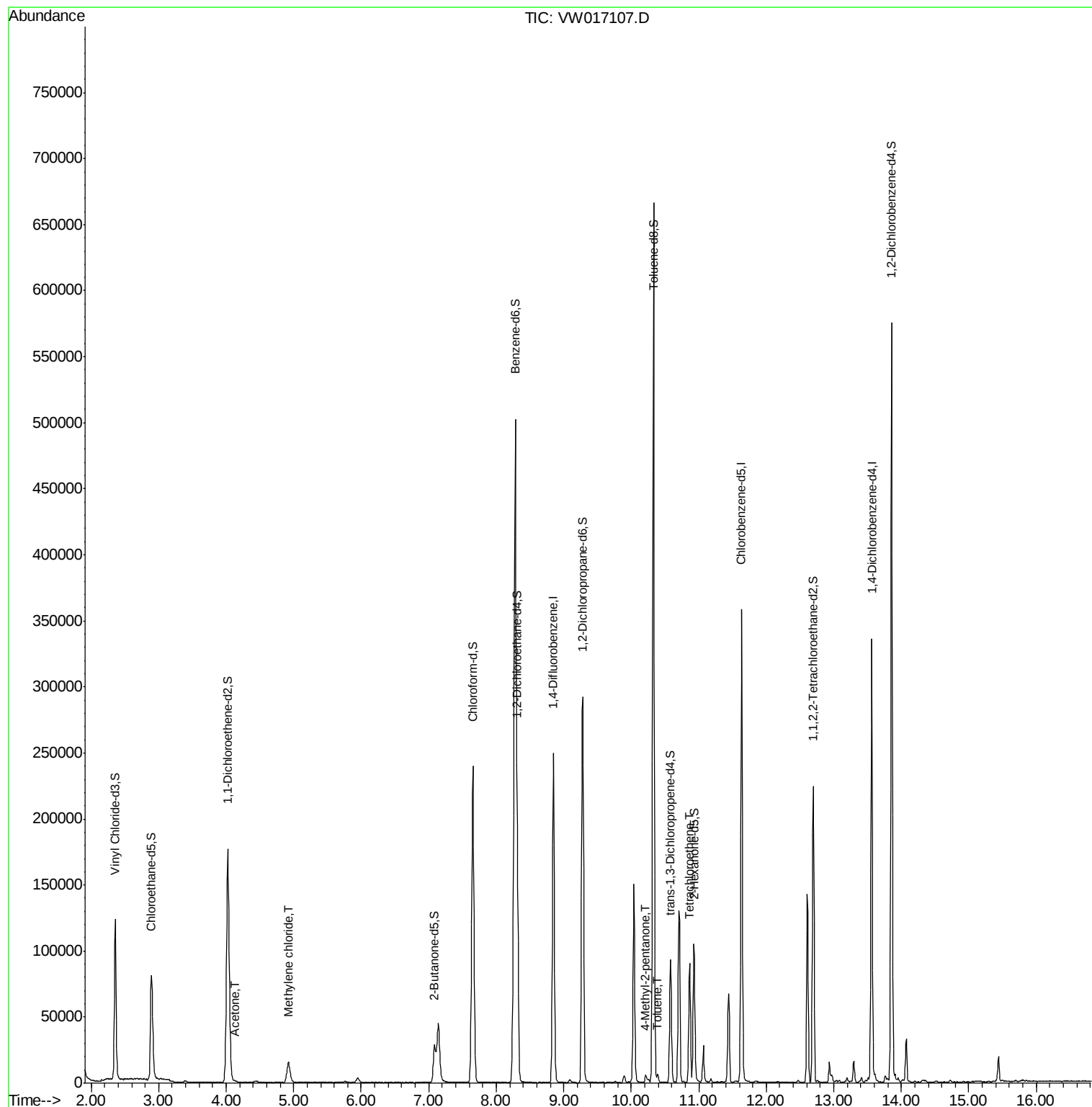
					Ovalue
13) Acetone	4.14	43	837	1.943 ug/L	55
16) Methylene chloride	4.92	84	14045	4.560 ug/L	90
43) 4-Methyl-2-pentanone	10.22	43	4370	2.732 ug/L	94
44) Toluene	10.40	91	4207	0.345 ug/L	94
47) Tetrachloroethene	10.87	164	21145	7.545 ug/L	92

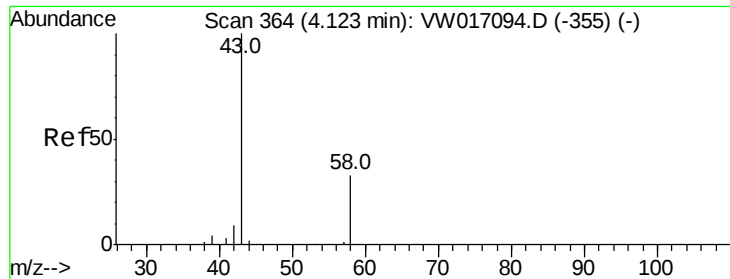
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.943 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

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Acq: 06 Nov 2020 17:47

Instrument :

MSVOA_W

ClientSampled :

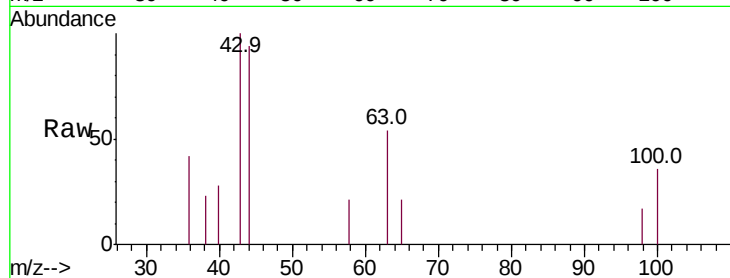
VIBLK08

Tot Ion: 43 Resp: 837

Ion Ratio Lower Upper

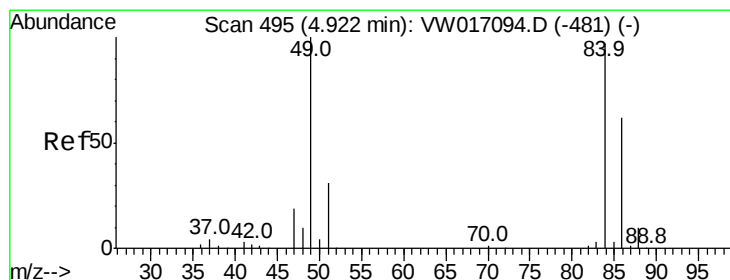
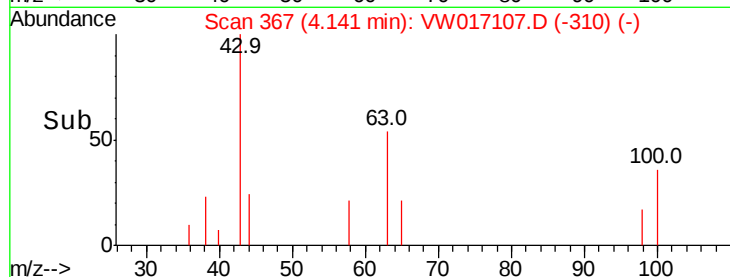
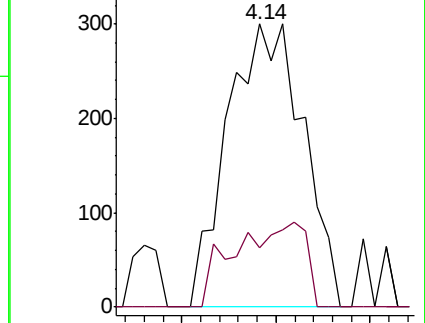
43 100

58 8.6 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 4.560 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW017107.D

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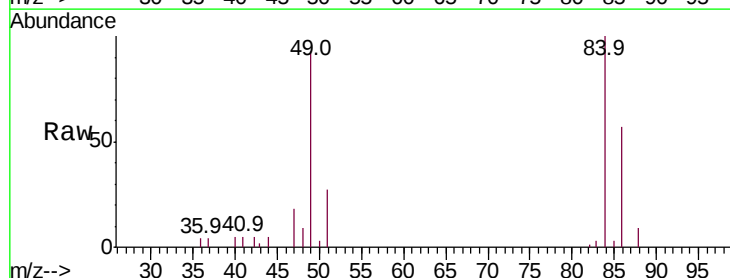
Tgt Ion: 84 Resp: 14045

Ion Ratio Lower Upper

84 100

49 93.5 72.3 134.3

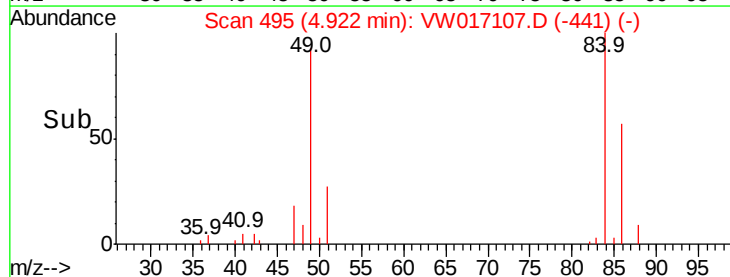
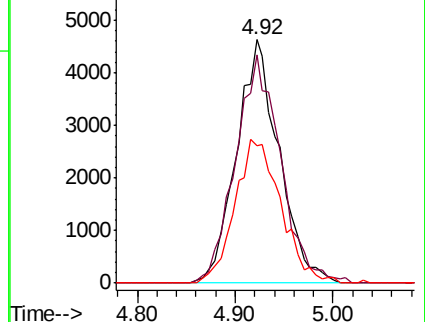
86 56.7 45.1 83.7

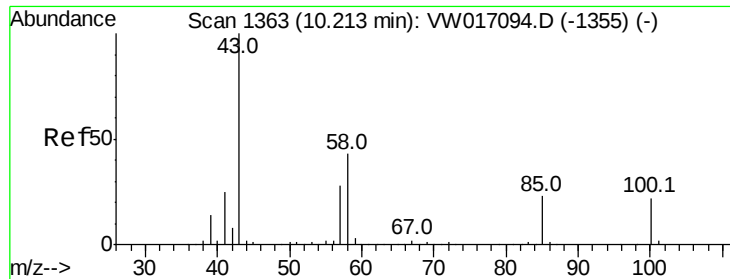


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#43

4-Methyl-2-pentanone

Concen: 2.732 ug/L

RT: 10.22 min Scan# 1364

Delta R.T. 0.01 min

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VIBLK08

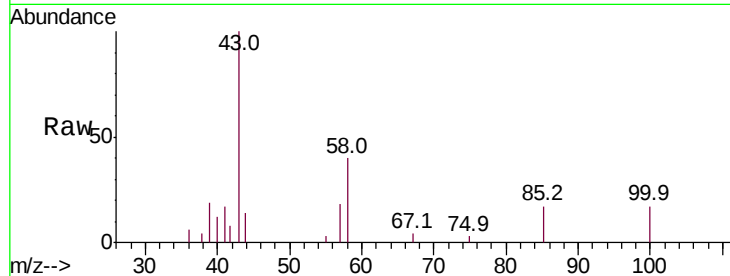
Tot Ion: 43 Resp: 4370

Ion Ratio Lower Upper

43 100

58 40.3 35.0 52.6

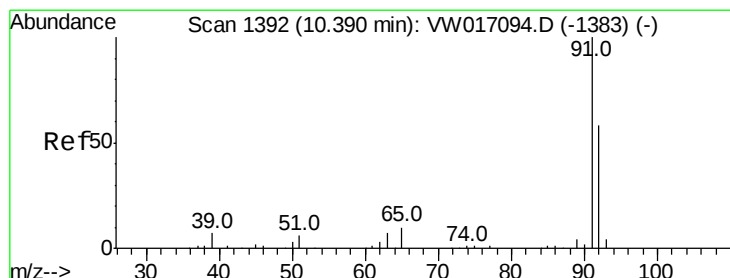
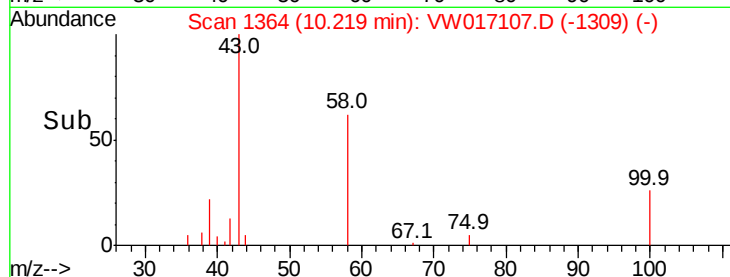
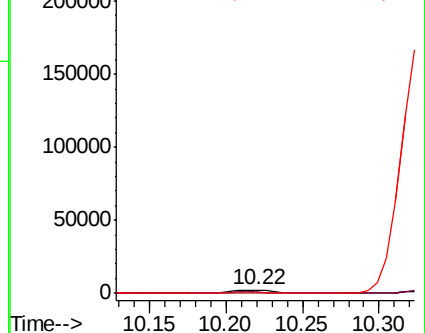
100 16.8 16.6 24.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 100.00 (99.70 to 100.70): VW



#44

Toluene

Concen: 0.345 ug/L

RT: 10.40 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW017107.D

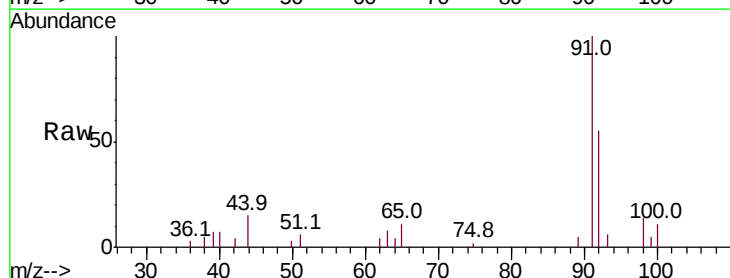
Acq: 06 Nov 2020 17:47

Tgt Ion: 91 Resp: 4207

Ion Ratio Lower Upper

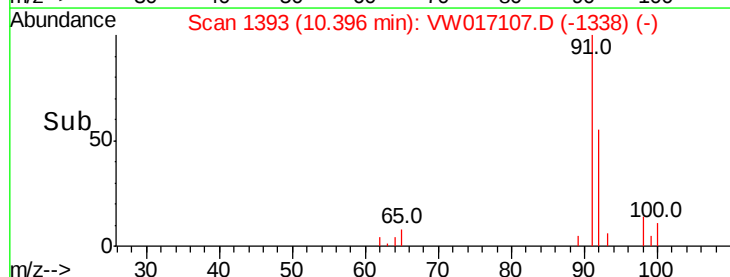
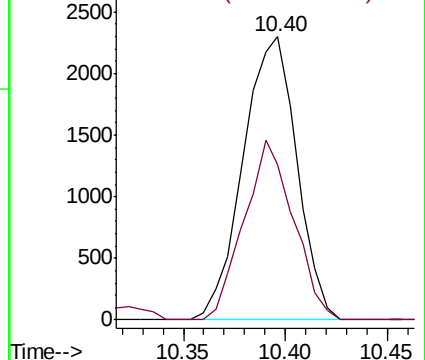
91 100

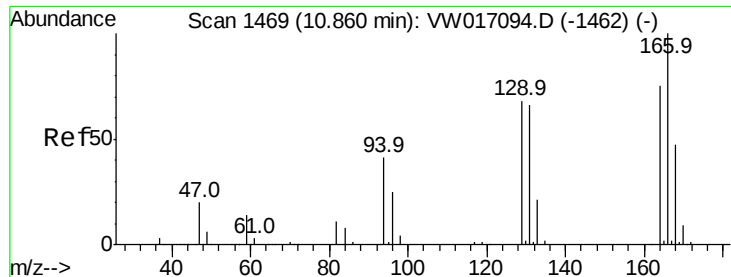
92 54.9 41.4 76.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW





#47

Tetrachloroethene

Concen: 7.545 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW017107.D

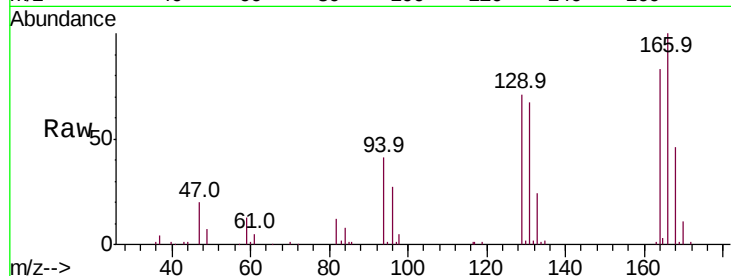
Acq: 06 Nov 2020 17:47

Instrument :

MSVOA_W

ClientSampleId :

VIBLK08



Tot Ion:164 Resp: 21145

Ion Ratio Lower Upper

164 100

129 85.1 62.9 116.7

131 80.6 63.3 117.5

166 120.1 92.0 170.8

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

