

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103119\
 Data File : VW013879.D
 Acq On : 01 Nov 2019 04:18
 Operator : SY/VA
 Sample : K5552-12
 Misc : 4.97G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQC5

Quant Time: Nov 01 06:08:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM103119S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 01 05:55:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	326982	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	317035	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	162838	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	136296	27.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.52%
7) Chloroethane-d5	2.89	69	107620	27.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.52%
10) 1,1-Dichloroethene-d2	4.03	63	197292	19.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.24%
20) 2-Butanone-d5	7.08	46	71267	40.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.48%
24) Chloroform-d	7.65	84	264657	26.45	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.80%
26) 1,2-Dichloroethane-d4	8.31	65	140014	25.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.92%
29) Benzene-d6	8.27	84	565229	27.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.08%
33) 1,2-Dichloropropane-d6	9.27	67	172815	28.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.28%
37) Toluene-d8	10.32	98	520788	26.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.04%
38) trans-1,3-Dichloropropene-	10.58	79	67069	23.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.24%
39) 2-Hexanone-d5	10.92	63	59677	42.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	128873	23.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	171218	27.30	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.20%

Target Compounds

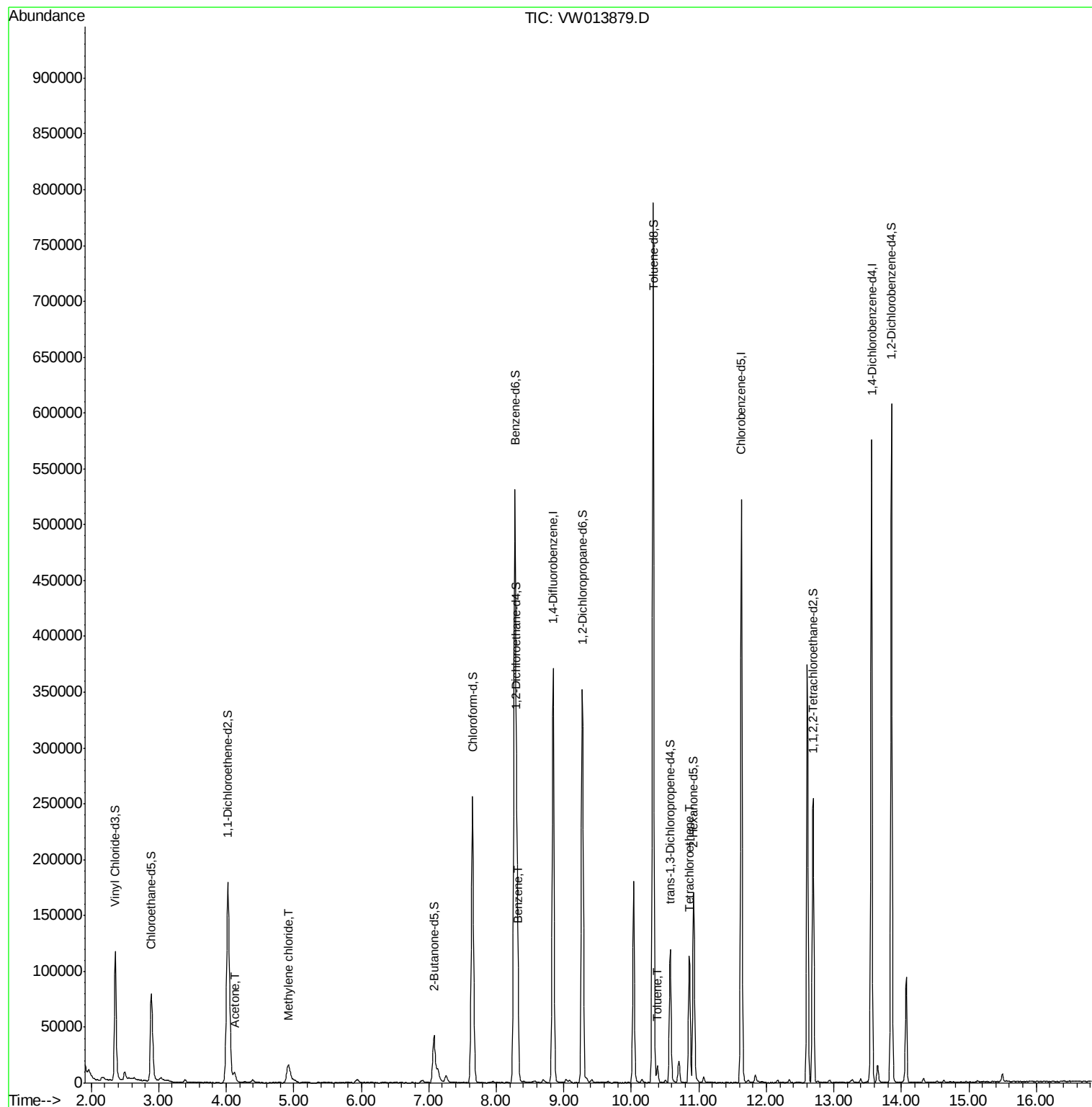
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	4.13	43	14669	8.959	ug/L	98
16) Methylene chloride	4.92	84	14394	2.252	ug/L	96
34) Benzene	8.33	78	12489	0.568	ug/L	100
44) Toluene	10.38	91	10516	0.443	ug/L	98
47) Tetrachloroethene	10.87	164	28141	5.400	ug/L	93

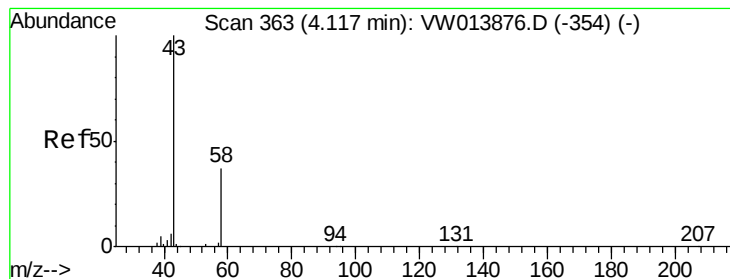
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 01 05:55:58 2019
Response via : Initial Calibration





#13

Acetone

Concen: 8.959 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampled :

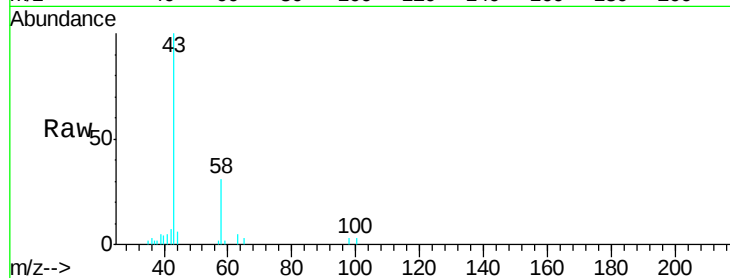
GAQC5

Tgt Ion: 43 Resp: 14669

Ion Ratio Lower Upper

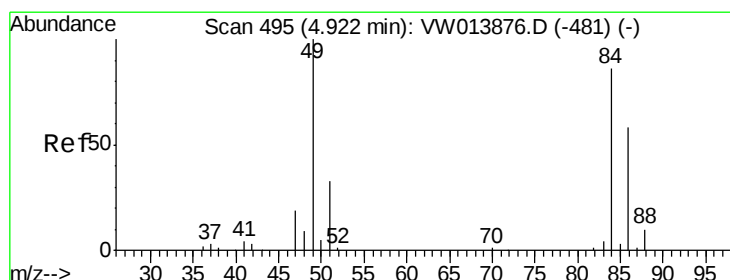
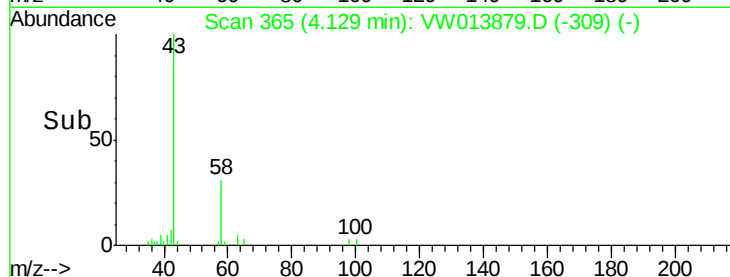
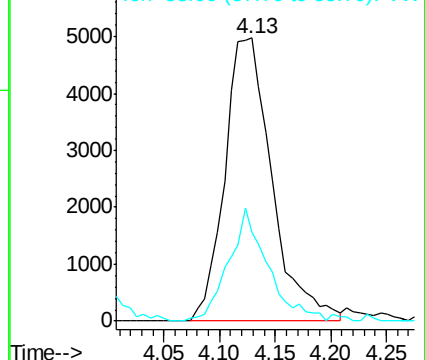
43 100

58 32.6 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.252 ug/L

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

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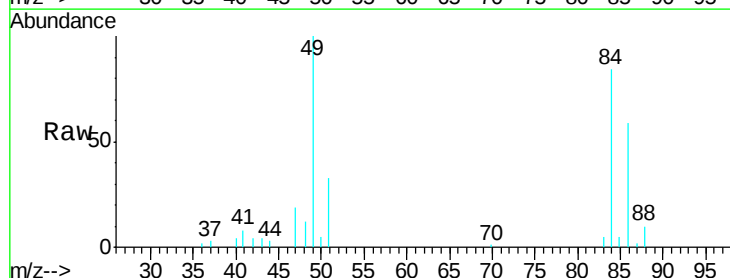
Tgt Ion: 84 Resp: 14394

Ion Ratio Lower Upper

84 100

49 119.5 82.2 152.6

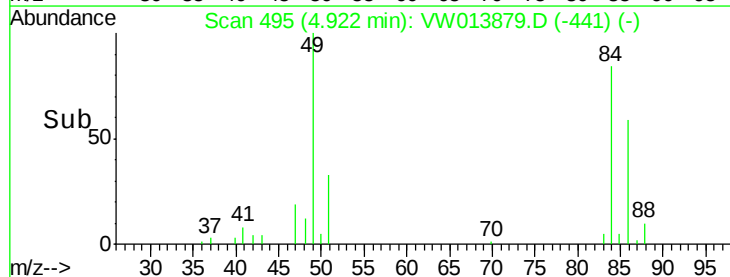
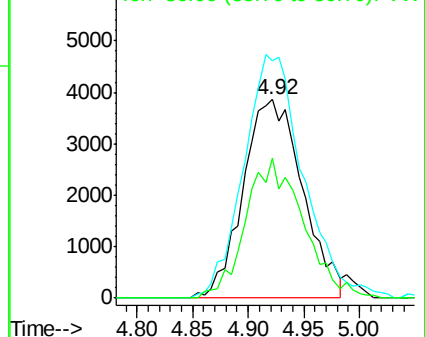
86 70.5 45.6 84.8

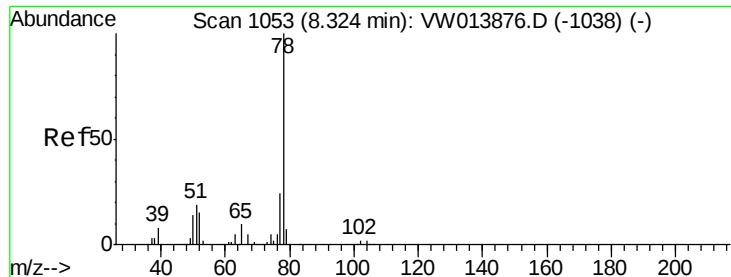


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#34

Benzene

Concen: 0.568 ug/L

RT: 8.33 min Scan# 1054

Delta R.T. 0.01 min

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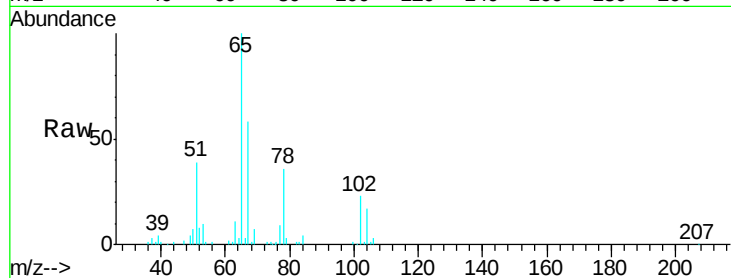
Instrument :

MSVOA_W

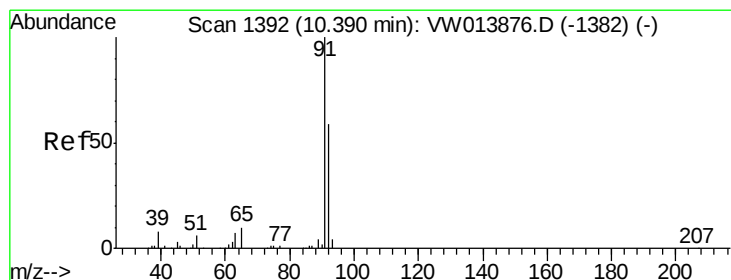
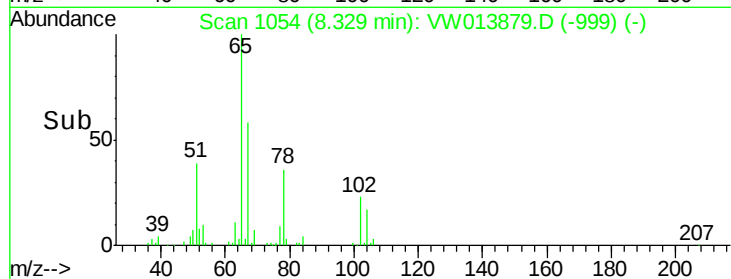
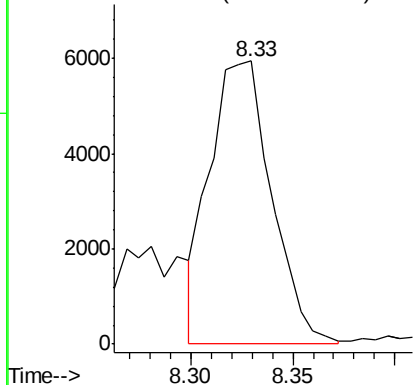
ClientSampleId :

GAQC5

Tgt Ion: 78 Resp: 12489



Abundance Ion 78.00 (77.70 to 78.70): VW



#44

Toluene

Concen: 0.443 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW013879.D

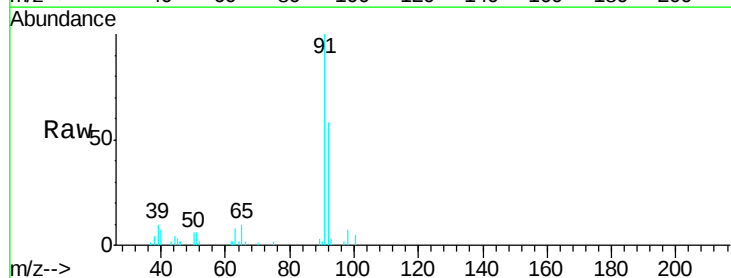
Acq: 01 Nov 2019 04:18

Tgt Ion: 91 Resp: 10516

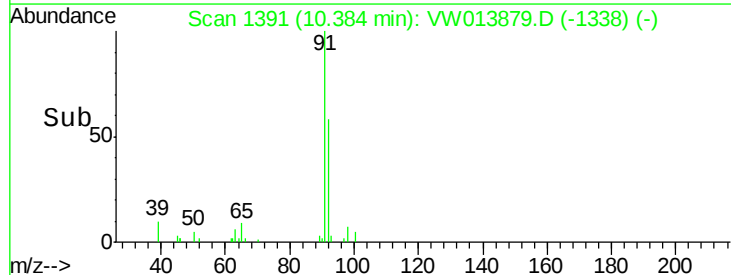
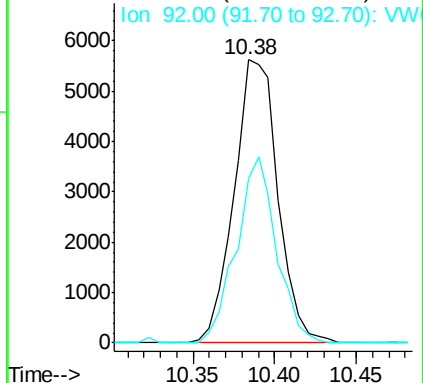
Ion Ratio Lower Upper

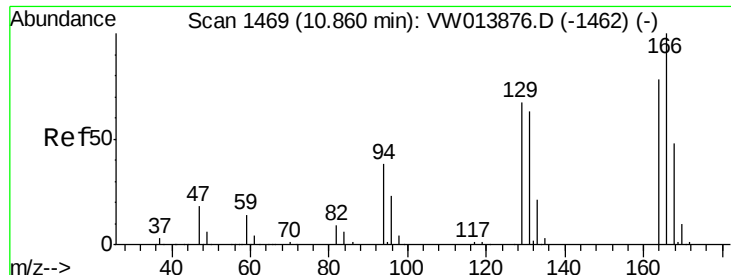
91 100

92 58.3 42.0 78.0



Abundance Ion 91.00 (90.70 to 91.70): VW





#47

Tetrachloroethene

Concen: 5.400 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW013879.D

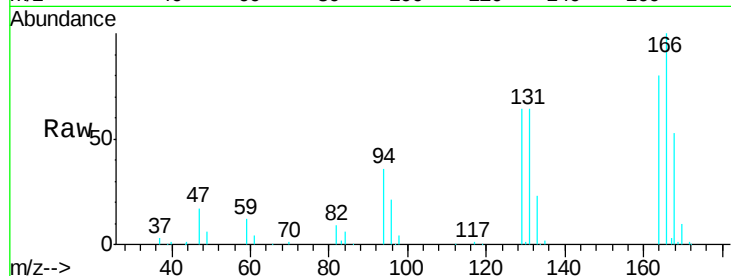
Acq: 01 Nov 2019 04:18

Instrument :

MSVOA_W

ClientSampleId :

GAQC5



Tgt Ion:164 Resp: 28141

Ion Ratio Lower Upper

164 100

129 80.0 62.5 116.1

131 80.1 59.8 111.0

166 125.0 91.6 170.0

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

