

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102020\
 Data File : VW016948.D
 Acq On : 20 Oct 2020 12:14
 Operator : SY/VA
 Sample : L4471-02
 Misc : 5.31G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3Z0

Quant Time: Oct 21 22:37:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 20 22:43:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	596680	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	521662	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	250495	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	117733	20.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.00%
7) Chloroethane-d5	2.90	69	110335	22.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.40%
10) 1,1-Dichloroethene-d2	4.03	63	188681	15.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.40%
20) 2-Butanone-d5	7.09	46	53913	40.44	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.88%
24) Chloroform-d	7.65	84	300982	23.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.64%
26) 1,2-Dichloroethane-d4	8.31	65	140343	23.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.32%
29) Benzene-d6	8.28	84	590735	24.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.72%
33) 1,2-Dichloropropane-d6	9.28	67	166146	26.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.36%
37) Toluene-d8	10.33	98	536237	23.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.96%
38) trans-1,3-Dichloropropene-	10.58	79	57678	20.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.16%
39) 2-Hexanone-d5	10.93	63	46446	47.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.34%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	118875	23.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	201058	25.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.24%

Target Compounds

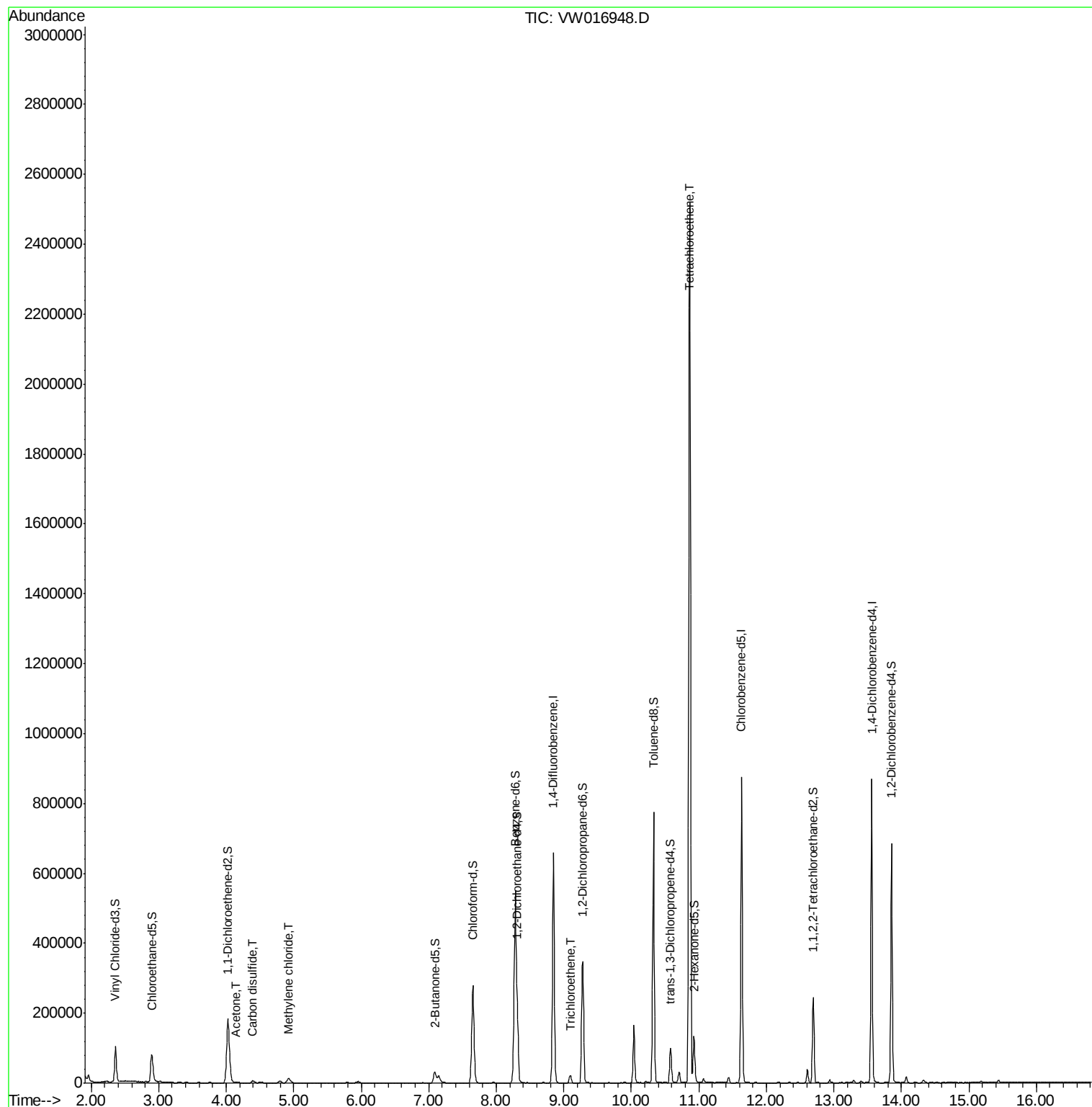
					Ovalue
13) Acetone	4.15	43	3741	3.708 ug/L	82
14) Carbon disulfide	4.39	76	14771	0.668 ug/L #	92
16) Methylene chloride	4.92	84	11825	1.436 ug/L	89
35) Trichloroethene	9.10	95	7570	0.955 ug/L	98
47) Tetrachloroethene	10.87	164	627361	85.396 ug/L	97

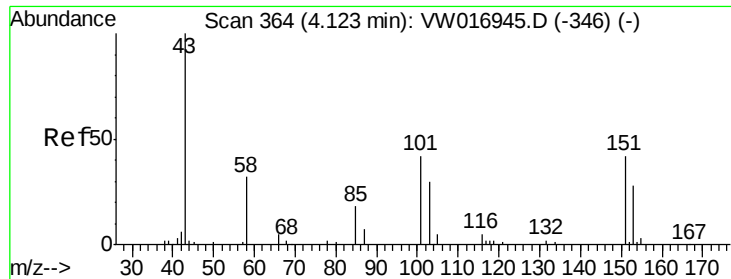
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.708 ug/L

RT: 4.15 min Scan# 369

Delta R.T. 0.03 min

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Acq: 20 Oct 2020 12:14

Instrument :

MSVOA_W

ClientSampleId :

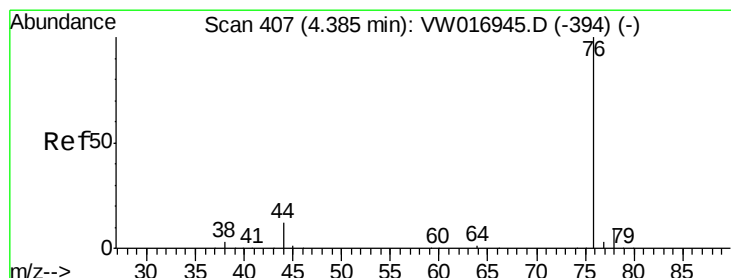
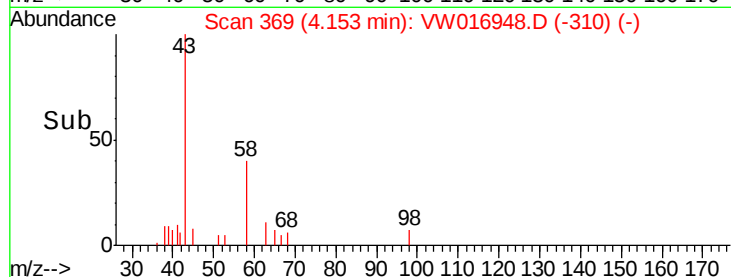
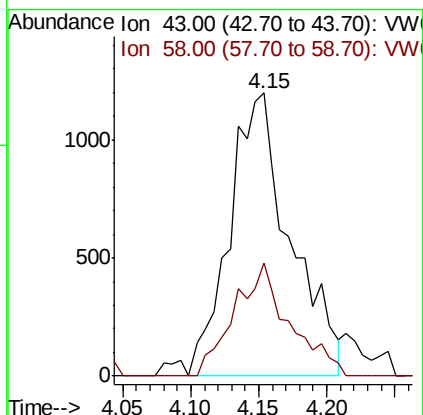
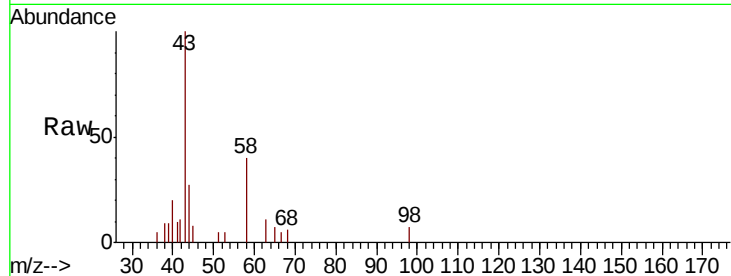
BG3Z0

Tot Ion: 43 Resp: 3741

Ion Ratio Lower Upper

43 100

58 23.5 0.0 67.6



#14

Carbon disulfide

Concen: 0.668 ug/L

RT: 4.39 min Scan# 408

Delta R.T. 0.01 min

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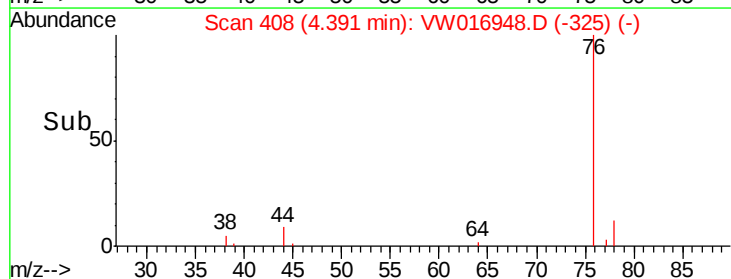
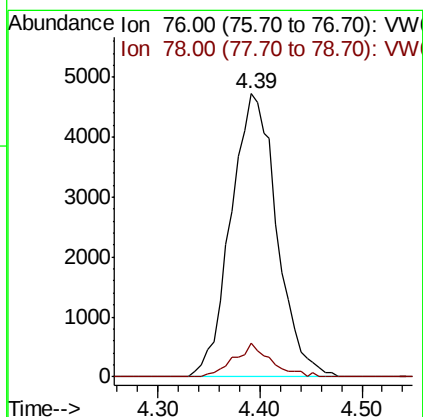
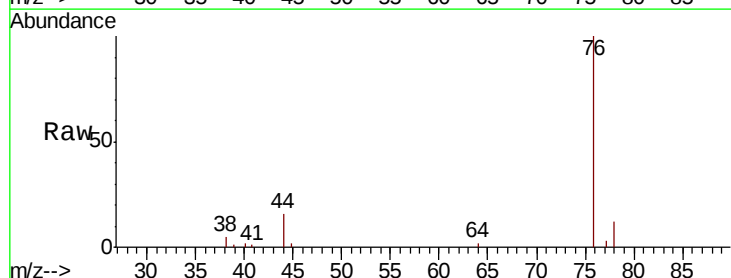
Acq: 20 Oct 2020 12:14

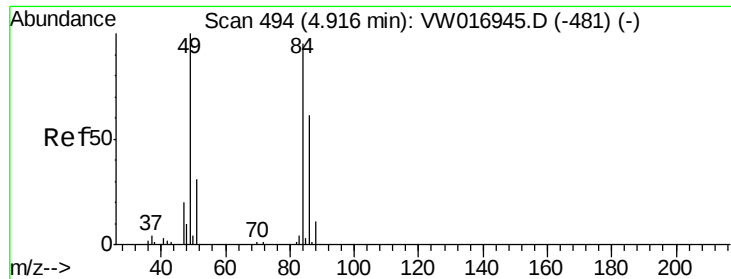
Tgt Ion: 76 Resp: 14771

Ion Ratio Lower Upper

76 100

78 12.1 7.4 11.0#

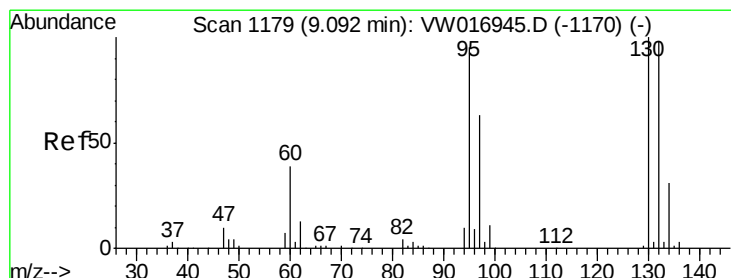
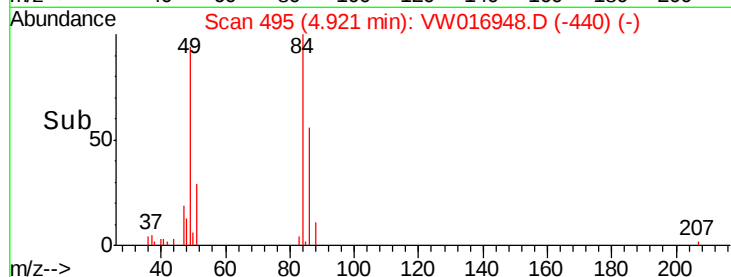
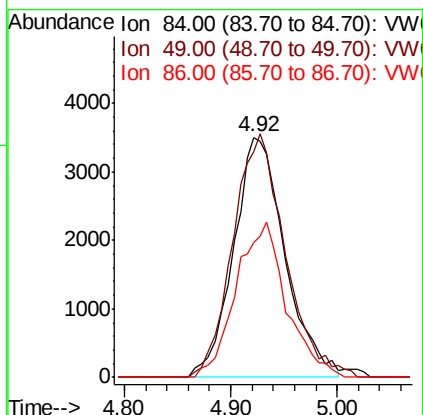
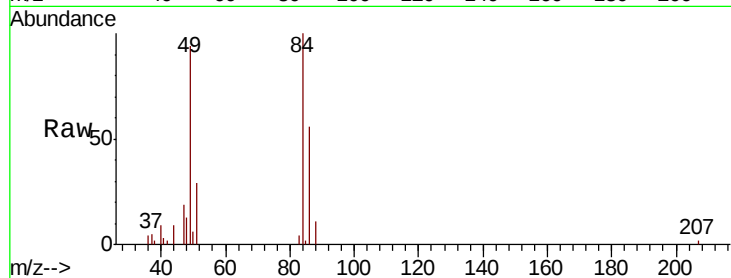




#16
Methylene chloride
Concen: 1.436 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW016948.D
Acq: 20 Oct 2020 12:14

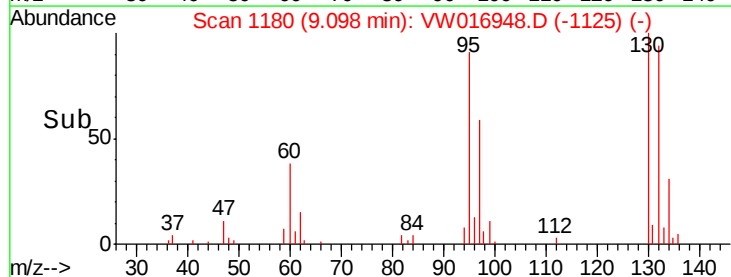
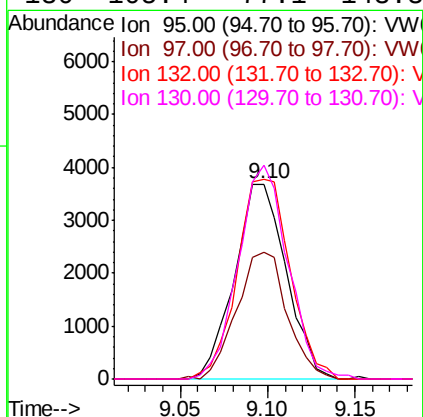
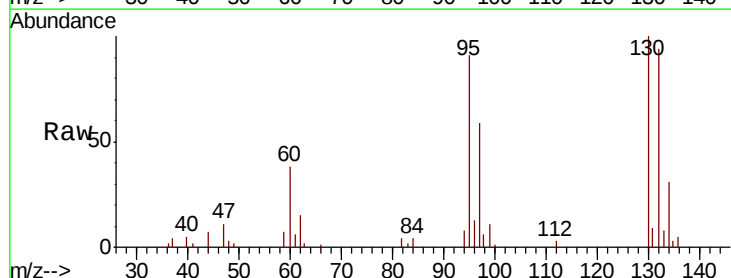
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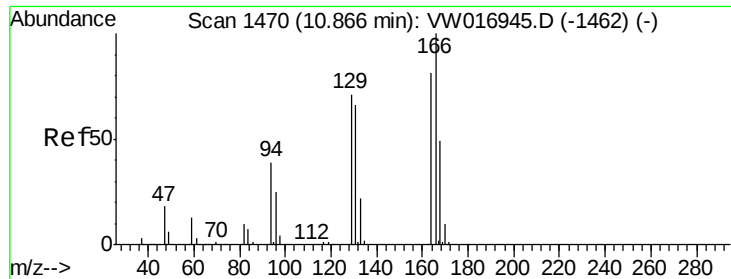
Tot Ion: 84 Resp: 11825
Ion Ratio Lower Upper
84 100
49 94.3 73.1 135.8
86 56.1 46.0 85.4



#35
Trichloroethene
Concen: 0.955 ug/L
RT: 9.10 min Scan# 1180
Delta R.T. 0.01 min
Lab File: VW016948.D
Acq: 20 Oct 2020 12:14

Tgt Ion: 95 Resp: 7570
Ion Ratio Lower Upper
95 100
97 63.4 44.7 83.1
132 105.1 73.8 137.2
130 105.4 77.1 143.3





#47

Tetrachloroethene

Concen: 85.396 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW016948.D

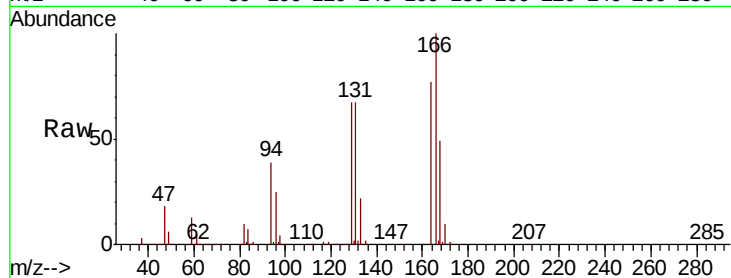
Acq: 20 Oct 2020 12:14

Instrument :

MSVOA_W

ClientSampleId :

BG3Z0



Tot Ion:164 Resp: 627361

Ion Ratio Lower Upper

164 100

129 88.1 61.7 114.7

131 88.2 59.7 110.9

166 130.7 88.3 164.1

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

