

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR080918\
 Data File : VR025607.D
 Acq On : 9 Aug 2018 15:24
 Operator : SY/MD
 Sample : J4358-08DL 5X
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWW8DL

Quant Time: Aug 10 06:47:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 09 04:27:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.47	114	532050	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	453587	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	154632	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	156635	4.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.00%
7) Chloroethane-d5	2.62	69	125960	4.85	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	3.63	63	300028	3.94	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.80%
20) 2-Butanone-d5	6.60	46	197196	72.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	144.74%#
24) Chloroform-d	7.21	84	299690	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.40%
26) 1,2-Dichloroethane-d4	7.90	65	109026	5.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.20%
32) Benzene-d6	7.86	84	670140	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.20%
36) 1,2-Dichloropropane-d6	8.90	67	177066	5.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.80%
41) Toluene-d8	9.97	98	604563	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
43) trans-1,3-Dichloropropene-	10.24	79	38671	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	10.59	63	177648	68.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	136.12%#
57) 1,1,2,2-Tetrachloroethane-	12.36	84	79295	5.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	153579	6.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	130.00%#

Target Compounds

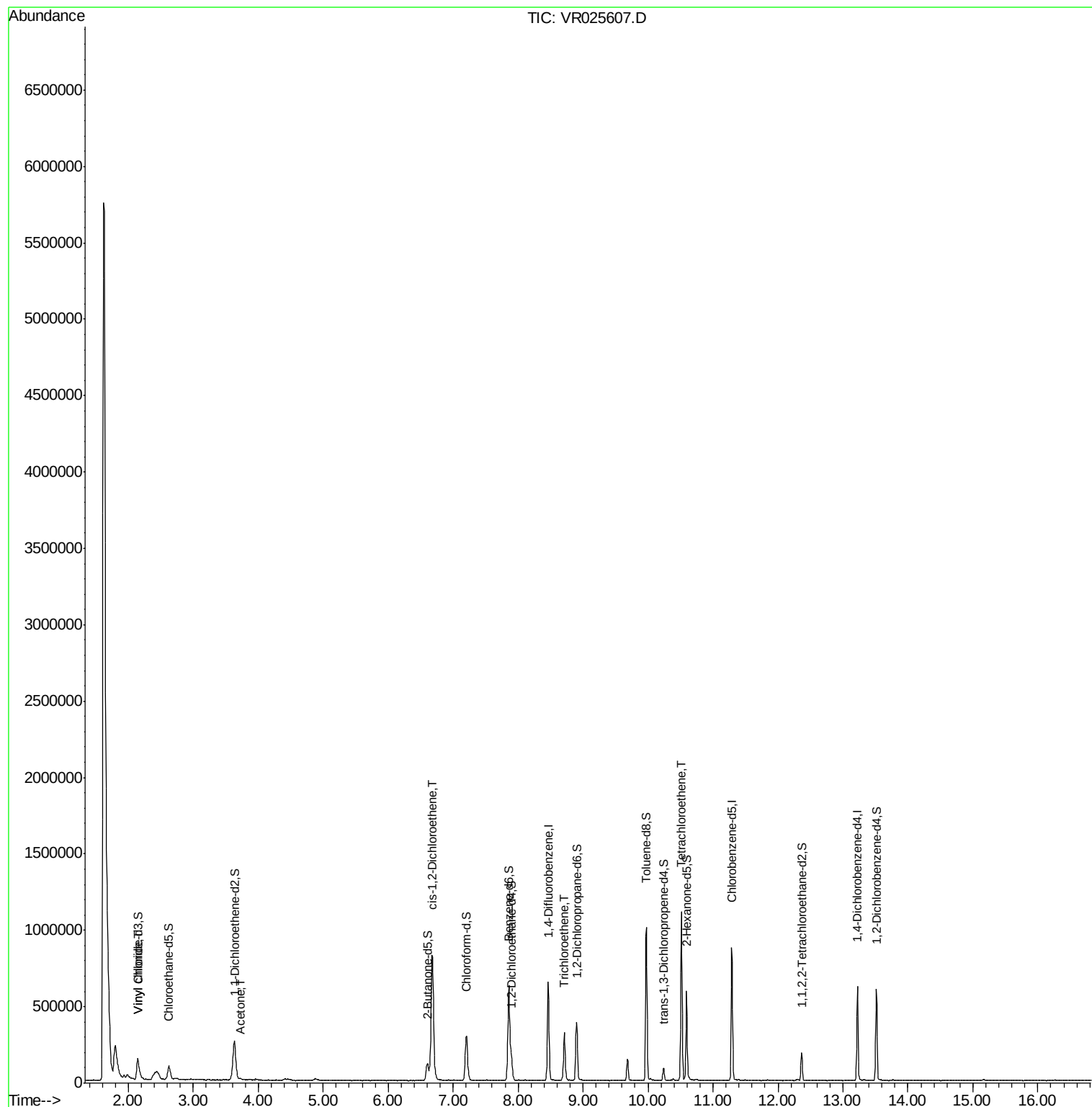
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	2.15	62	54401	1.35	ug/L	95
13) Acetone	3.71	43	9831	4.29	ug/L	83
22) cis-1,2-Dichloroethene	6.68	96	547172	16.46	ug/L #	95
34) Trichloroethene	8.71	95	104329	2.99	ug/L	92
47) Tetrachloroethene	10.52	164	249576	8.37	ug/L	97

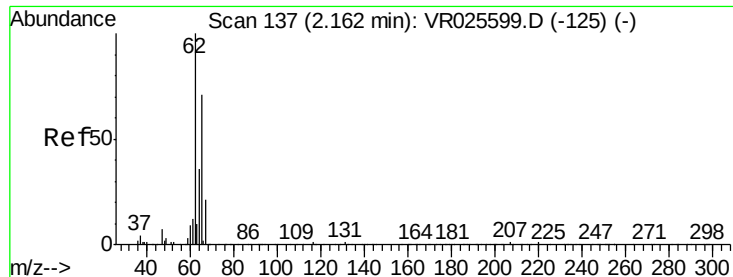
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.35 ug/L

RT: 2.15 min Scan# 135

Delta R.T. -0.01 min

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MSVOA_R

ClientSampleId :

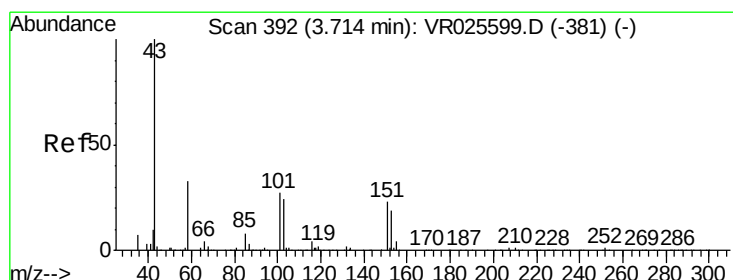
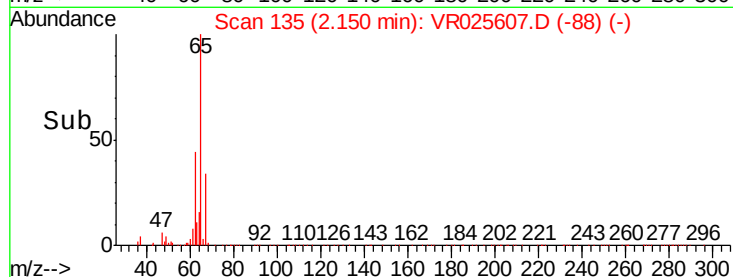
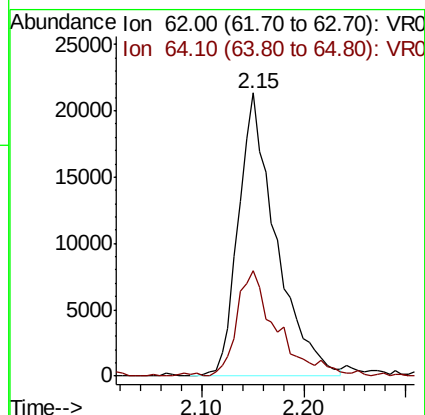
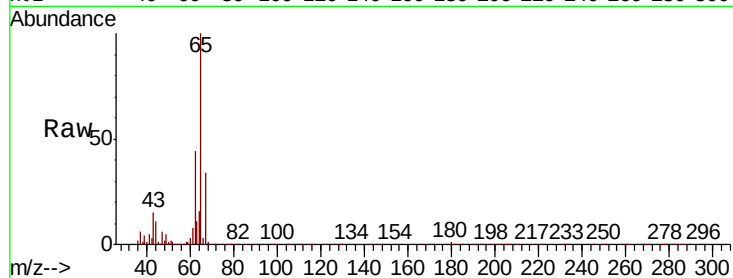
ESWW8DL

Tot Ion: 62 Resp: 54401

Ion Ratio Lower Upper

62 100

64 37.3 24.1 44.8



#13

Acetone

Concen: 4.29 ug/L

RT: 3.71 min Scan# 392

Delta R.T. 0.01 min

Lab File: VR025607.D

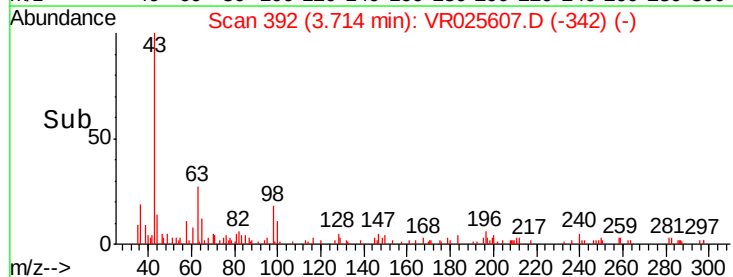
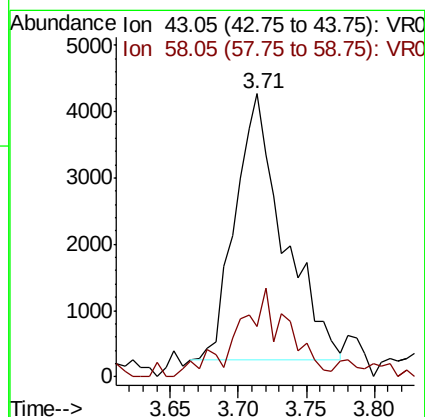
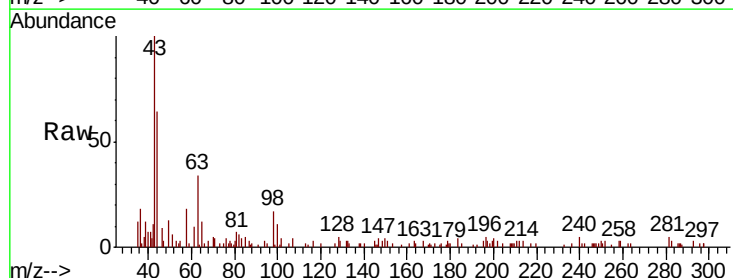
Acq: 9 Aug 2018 15:24

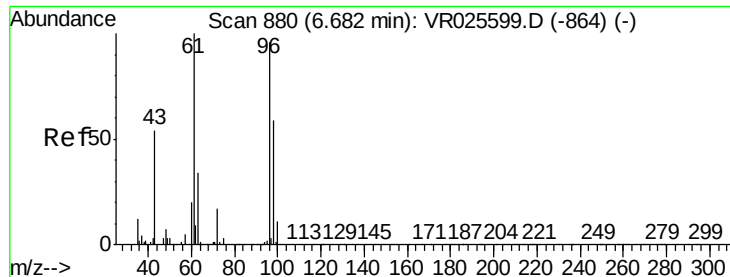
Tgt Ion: 43 Resp: 9831

Ion Ratio Lower Upper

43 100

58 35.3 0.0 53.4





#22

cis-1,2-Dichloroethene

Concen: 16.46 ug/L

RT: 6.68 min Scan# 880

Delta R.T. 0.01 min

Lab File: VR025607.D

Acq: 9 Aug 2018 15:24

Instrument :

MSVOA_R

ClientSampleId :

ESWW8DL

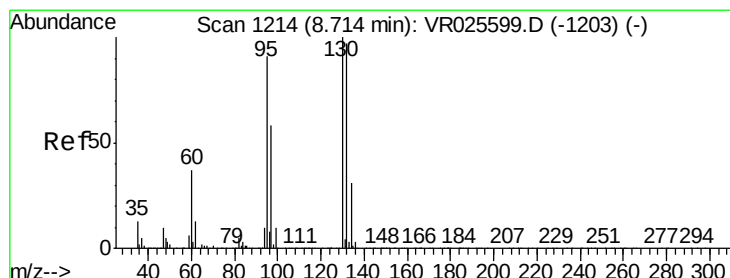
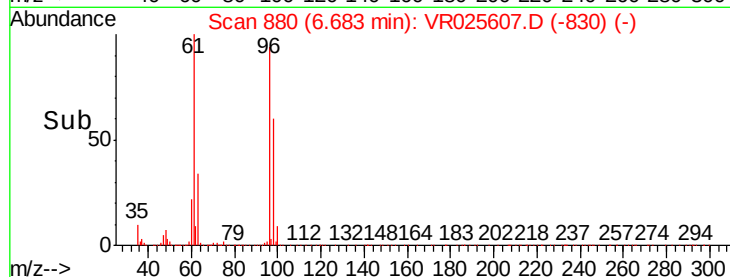
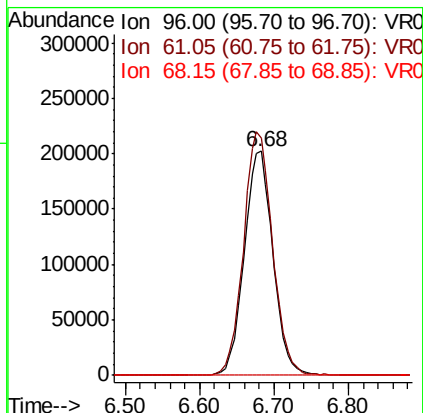
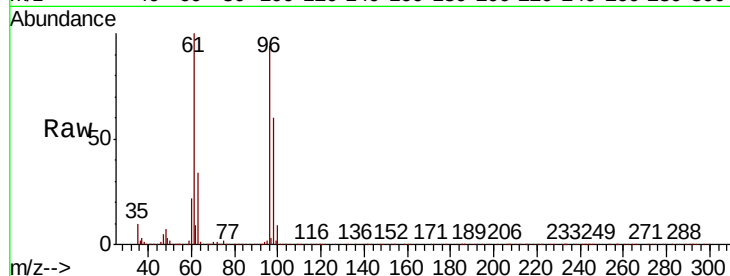
Tot Ion: 96 Resp: 547172

Ion Ratio Lower Upper

96 100

61 105.8 77.7 144.3

68 0.0 0.0 0.0#



#34

Trichloroethene

Concen: 2.99 ug/L

RT: 8.71 min Scan# 1213

Delta R.T. -0.01 min

Lab File: VR025607.D

Acq: 9 Aug 2018 15:24

Tgt Ion: 95 Resp: 104329

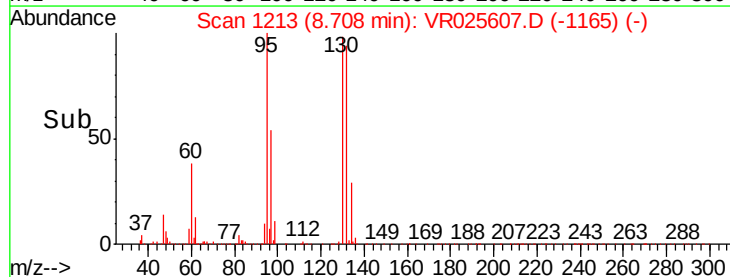
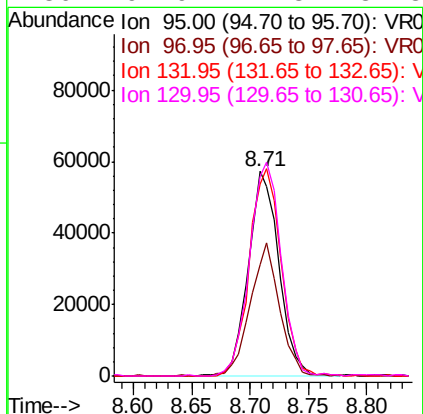
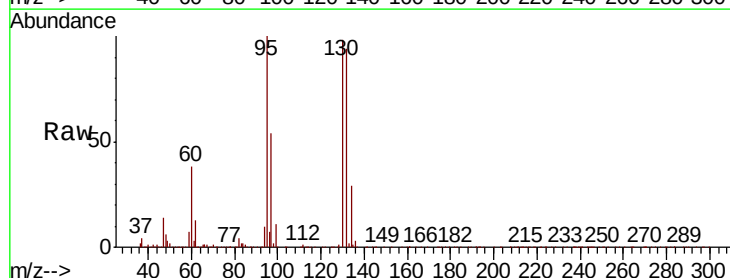
Ion Ratio Lower Upper

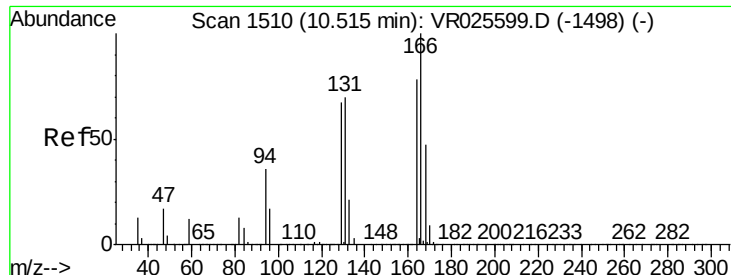
95 100

97 54.5 46.7 86.7

132 94.1 71.7 133.1

130 97.9 71.3 132.3





#47

Tetrachloroethene

Concen: 8.37 ug/L

RT: 10.52 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VR025607.D

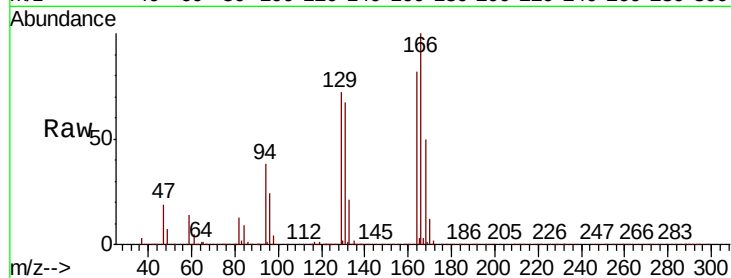
Acq: 9 Aug 2018 15:24

Instrument :

MSVOA_R

ClientSampleId :

ESWW8DL



Tot Ion:164 Resp: 249576

Ion Ratio Lower Upper

164 100

129 88.4 63.0 117.0

131 82.2 60.6 112.6

166 122.6 87.6 162.8

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

