

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051220\
 Data File : VV016018.D
 Acq On : 12 May 2020 16:40
 Operator : SY/MD
 Sample : L2541-22
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H41Z9

Quant Time: May 13 08:04:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 13 06:55:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	133925	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	134954	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	60217	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29993	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.58	69	31513	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.12	63	50604	3.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.80%
20) 2-Butanone-d5	3.93	46	112718	54.39	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.78%
24) Chloroform-d	4.38	84	71744	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.06	65	46735	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.08	84	153146	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.10	67	49515	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.34	98	134285	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
45) trans-1,3-Dichloropropene-	7.65	79	12649	3.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.80%
48) 2-Hexanone-d5	8.12	63	74306	43.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.94%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	35355	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	51811	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

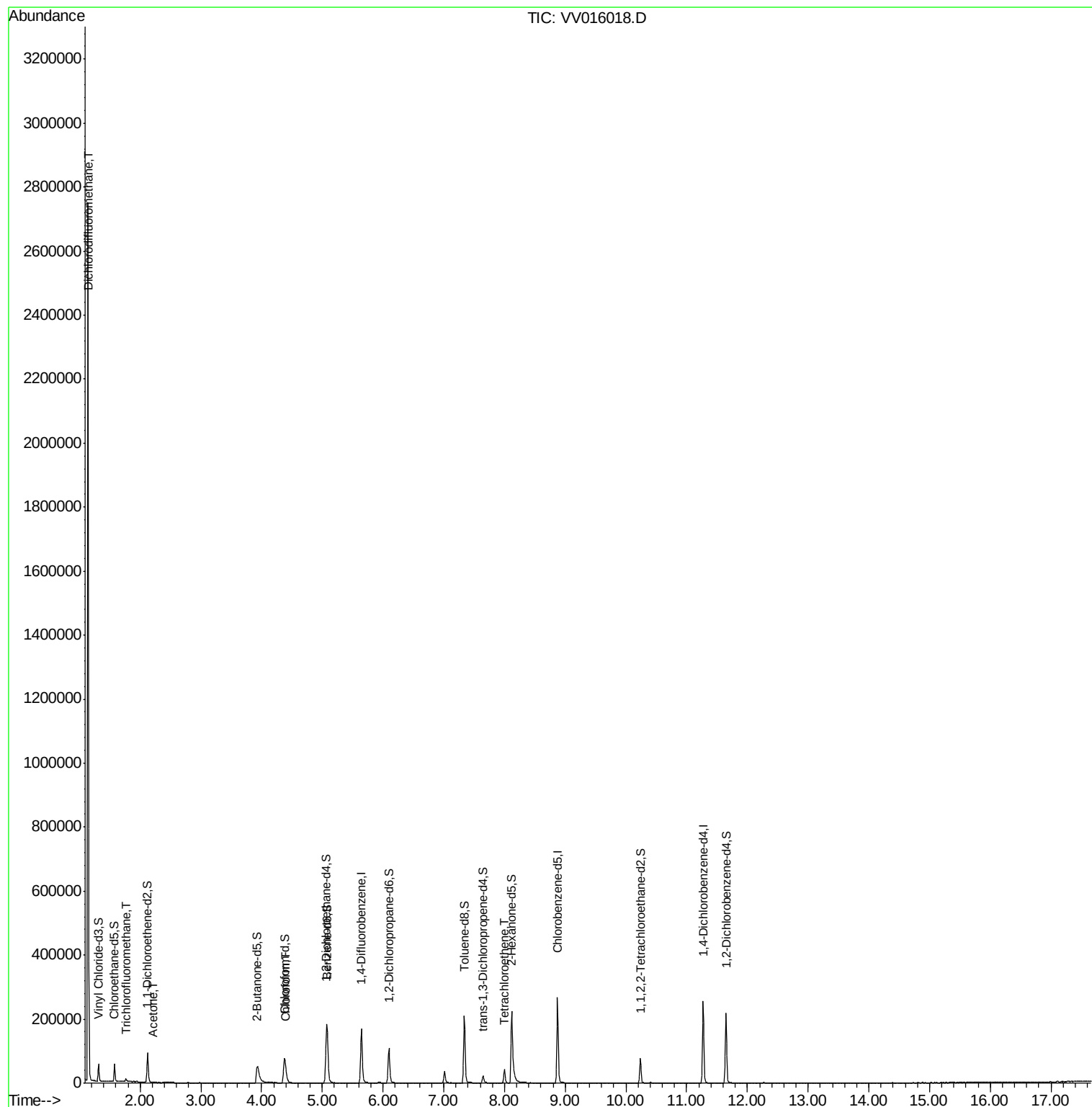
					Ovalue
2) Dichlorodifluoromethane	1.14	85	29155	2.841 ug/L	98
9) Trichlorofluoromethane	1.77	101	4938	0.362 ug/L	93
13) Acetone	2.21	43	3949	2.888 ug/L	81
25) Chloroform	4.41	83	17006	0.984 ug/L	96
49) Tetrachloroethene	8.00	164	9143	1.352 ug/L	96

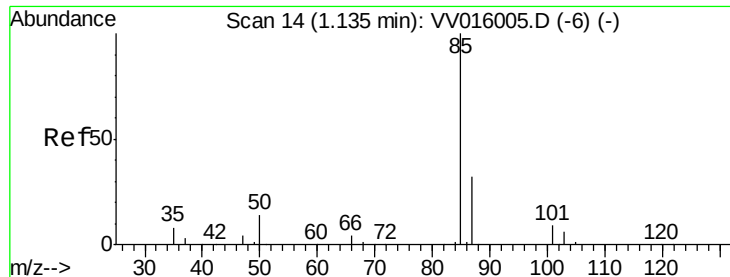
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 2.841 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.01 min

Lab File: VV016018.D

Acq: 12 May 2020 16:40

Instrument :

MSVOA_V

ClientSampleId :

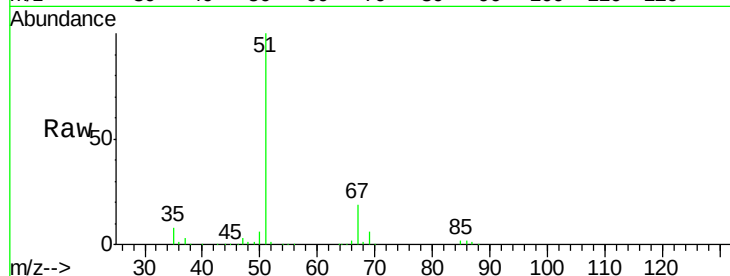
H41Z9

Tot Ion: 85 Resp: 29155

Ion Ratio Lower Upper

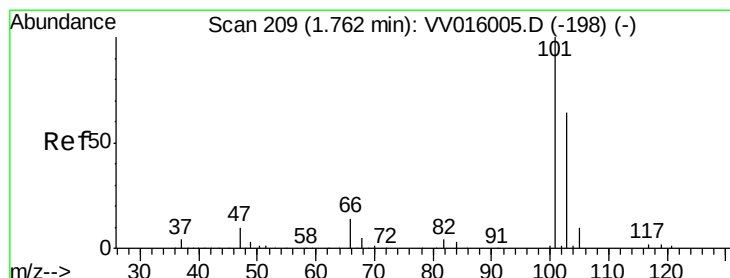
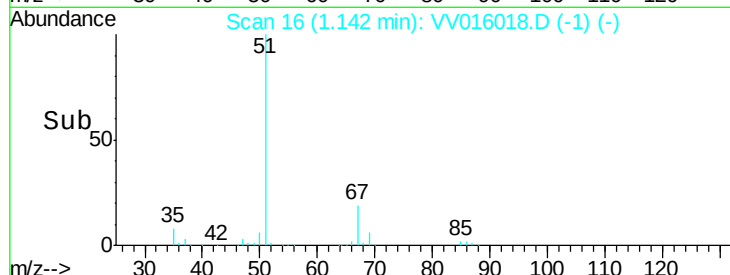
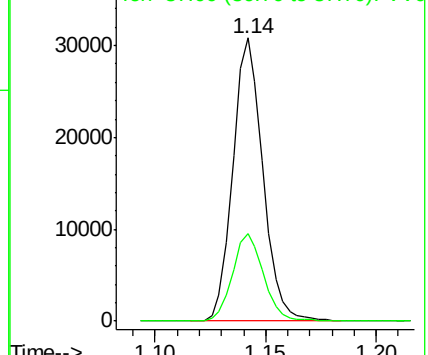
85 100

87 32.0 26.4 39.6



Abundance Ion 85.00 (84.70 to 85.70): VV016005.D (-6) (-)

Ion 87.00 (86.70 to 87.70): VV016005.D (-6) (-)



#9

Trichlorofluoromethane

Concen: 0.362 ug/L

RT: 1.77 min Scan# 210

Delta R.T. 0.00 min

Lab File: VV016018.D

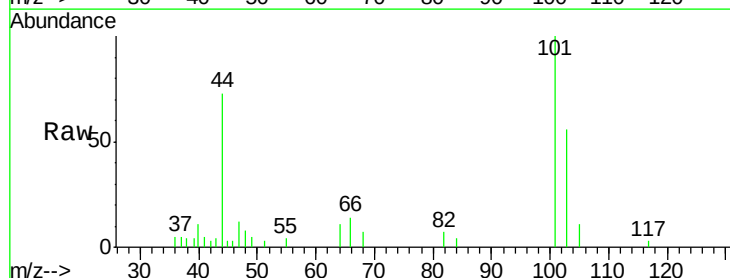
Acq: 12 May 2020 16:40

Tgt Ion: 101 Resp: 4938

Ion Ratio Lower Upper

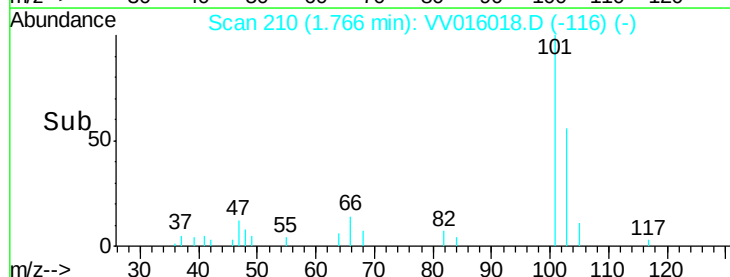
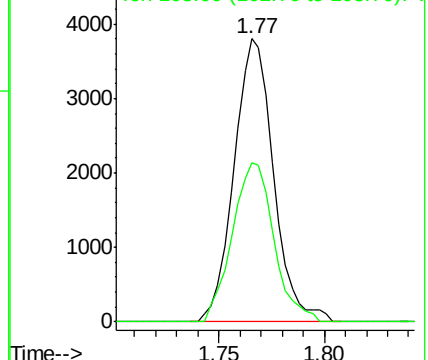
101 100

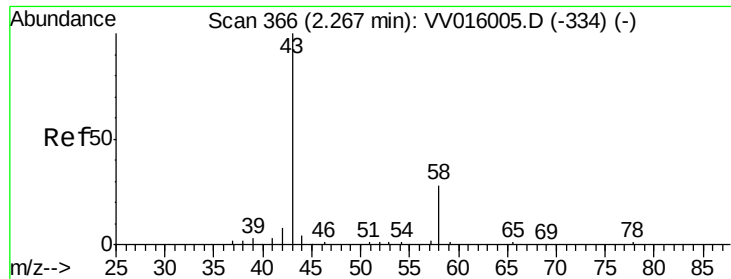
103 58.9 51.4 77.2



Abundance Ion 101.00 (100.70 to 101.70): VV016005.D (-198) (-)

Ion 103.00 (102.70 to 103.70): VV016005.D (-198) (-)





#13

Acetone

Concen: 2.888 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.05 min

Lab File: VV016018.D

Acq: 12 May 2020 16:40

Instrument :

MSVOA_V

ClientSampled :

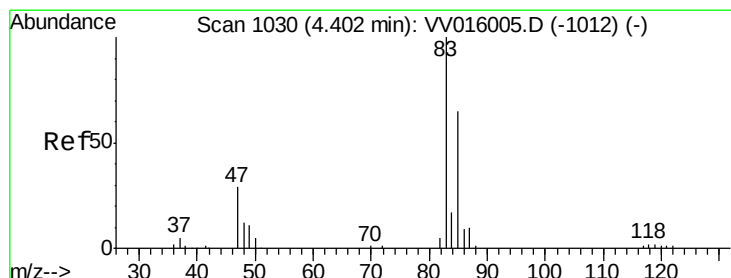
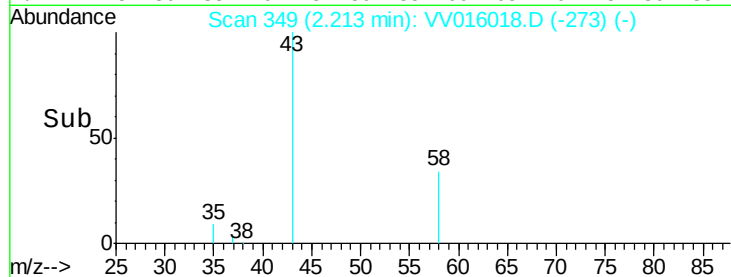
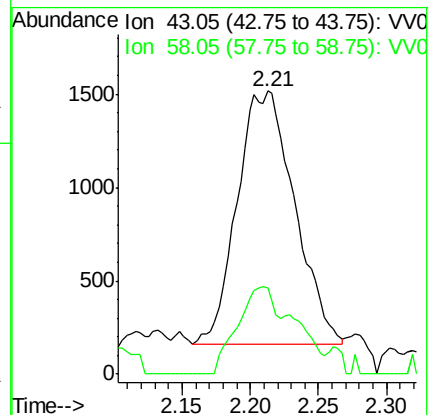
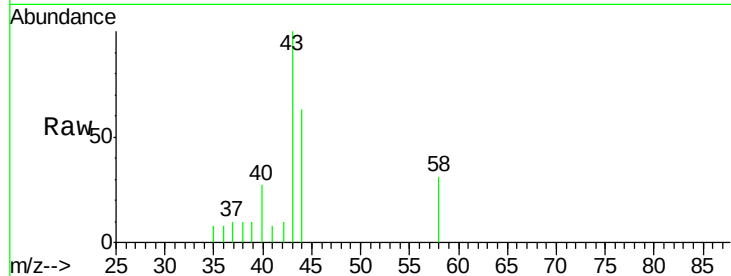
H41Z9

Tot Ion: 43 Resp: 3949

Ion Ratio Lower Upper

43 100

58 23.4 0.0 30.8



#25

Chloroform

Concen: 0.984 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VV016018.D

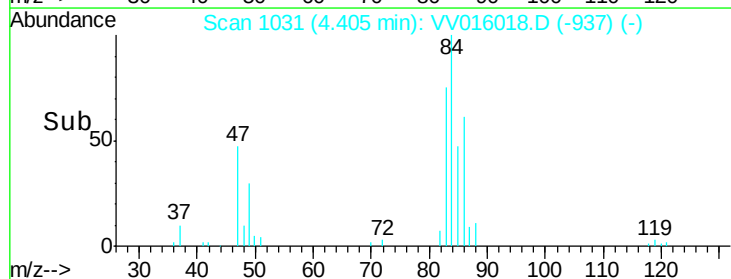
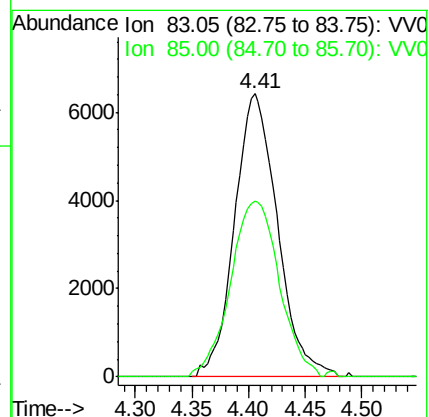
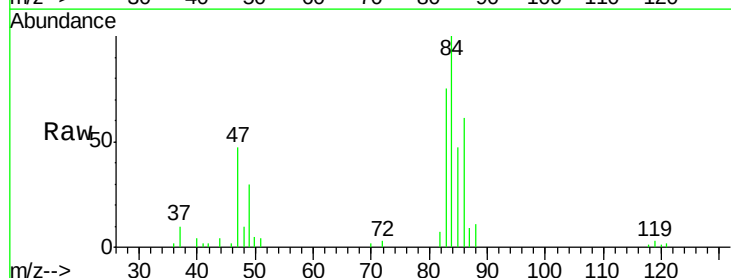
Acq: 12 May 2020 16:40

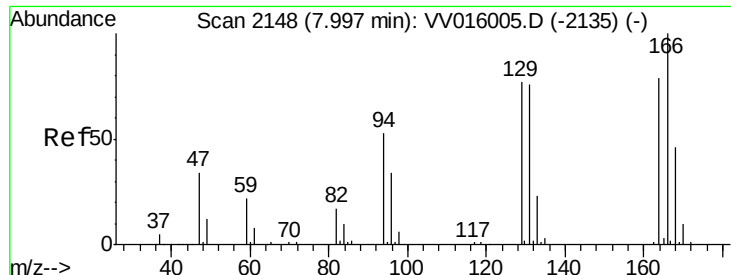
Tgt Ion: 83 Resp: 17006

Ion Ratio Lower Upper

83 100

85 62.0 45.7 84.9





#49

Tetrachloroethene

Concen: 1.352 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV016018.D

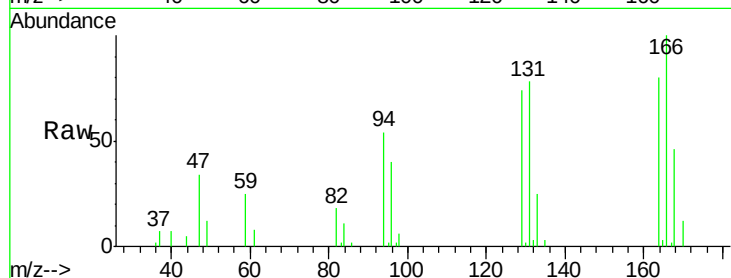
Acq: 12 May 2020 16:40

Instrument :

MSVOA_V

ClientSampleId :

H41Z9



Tot Ion:164 Resp: 9143

Ion Ratio Lower Upper

164 100

129 91.6 69.7 129.4

131 96.5 66.8 124.2

166 124.5 89.1 165.5

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

