

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101520\
 Data File : VV018919.D
 Acq On : 15 Oct 2020 18:37
 Operator : SY/MD
 Sample : L4351-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AJ2

Quant Time: Oct 16 23:48:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 16 08:38:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	332098	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	329486	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	155202	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	121074	44.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.58%
7) Chloroethane-d5	1.58	69	100112	46.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.44%
11) 1,1-Dichloroethene-d2	2.12	63	181134	35.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.20%
21) 2-Butanone-d5	3.91	46	176135	92.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.44%
24) Chloroform-d	4.38	84	217541	44.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.58%
26) 1,2-Dichloroethane-d4	5.06	65	153180	46.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.98%
32) Benzene-d6	5.08	84	442858	46.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.08%
36) 1,2-Dichloropropane-d6	6.09	67	144154	46.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.74%
41) Toluene-d8	7.34	98	390687	45.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.56%
43) trans-1,3-Dichloropropene-	7.64	79	65994	43.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.80%
47) 2-Hexanone-d5	8.11	63	92933	81.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.35%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	150891	41.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.72%
64) 1,2-Dichlorobenzene-d4	11.65	152	156112	49.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.88%

Target Compounds

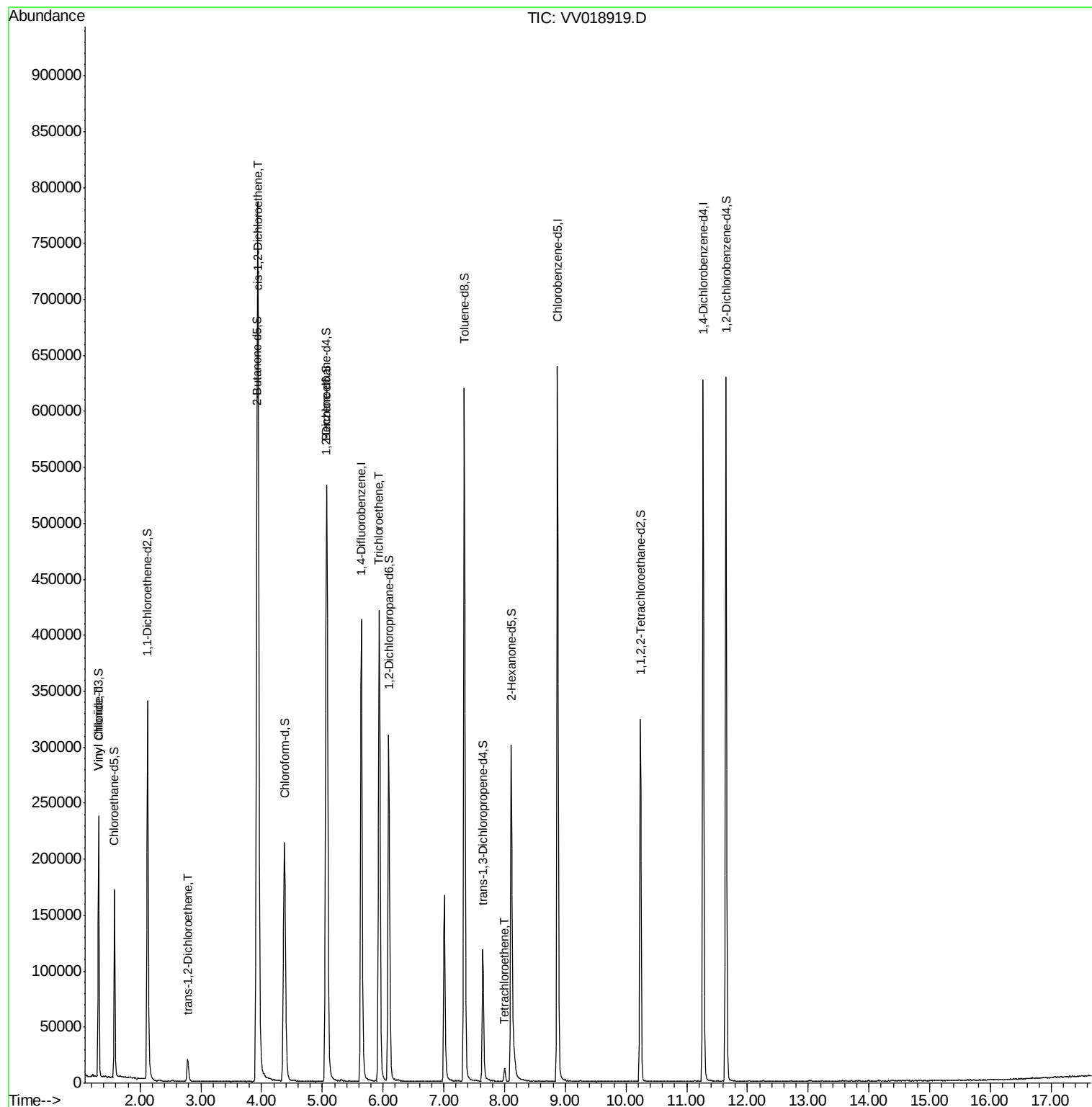
					Ovalue
5) Vinyl chloride	1.32	62	19523	6.228	ug/L 92
17) trans-1,2-Dichloroethene	2.78	96	5271	2.175	ug/L 96
20) cis-1,2-Dichloroethene	3.94	96	399551	155.548	ug/L 99
34) Trichloroethene	5.94	95	139336	47.839	ug/L 99
46) Tetrachloroethene	8.00	164	2470	1.203	ug/L 98

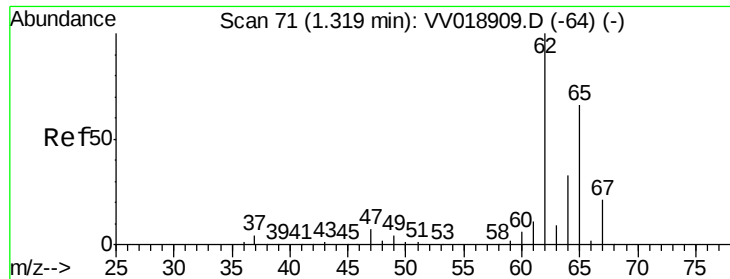
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 6.228 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV018919.D

Acq: 15 Oct 2020 18:37

Instrument :

MSVOA_V

ClientSampled :

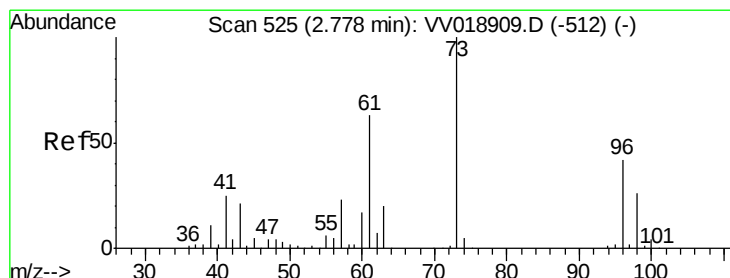
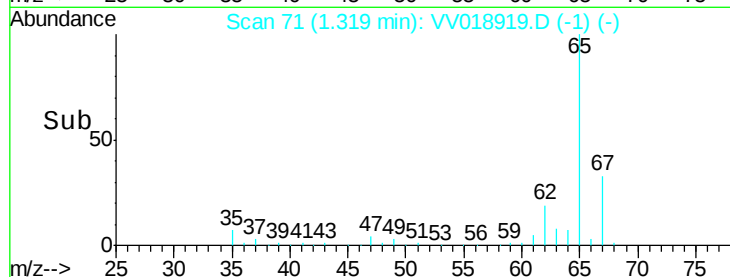
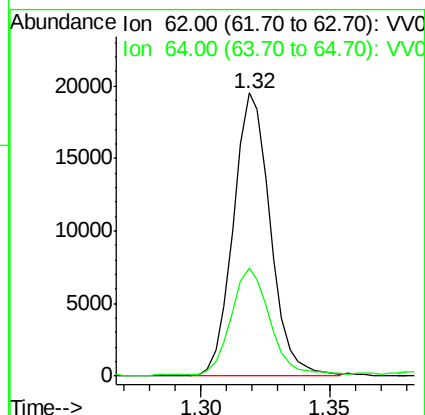
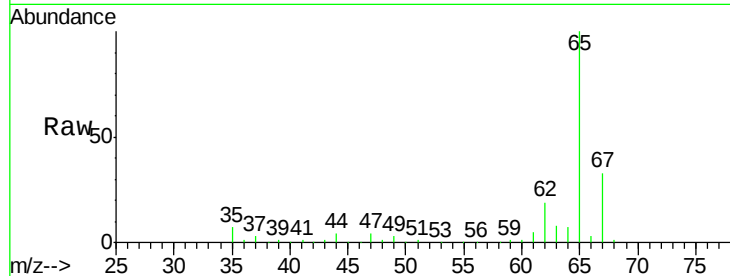
C0AJ2

Tot Ion: 62 Resp: 19523

Ion Ratio Lower Upper

62 100

64 38.0 23.2 43.2



#17

trans-1,2-Dichloroethene

Concen: 2.175 ug/L

RT: 2.78 min Scan# 527

Delta R.T. 0.01 min

Lab File: VV018919.D

Acq: 15 Oct 2020 18:37

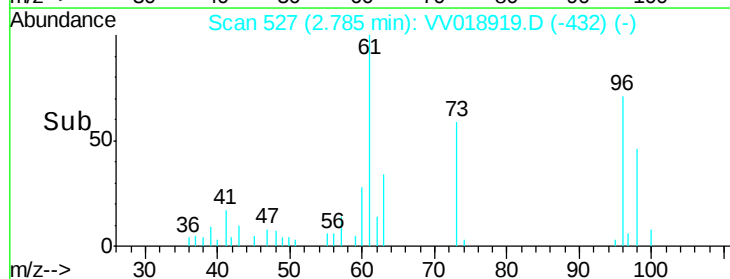
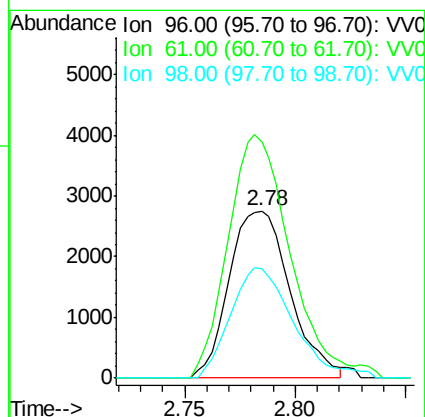
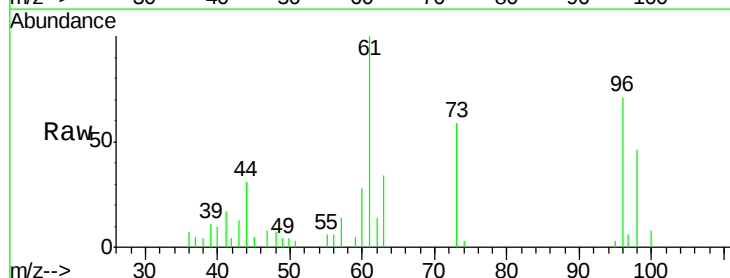
Tgt Ion: 96 Resp: 5271

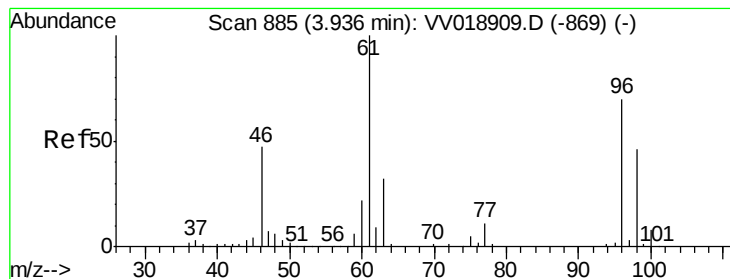
Ion Ratio Lower Upper

96 100

61 141.1 102.8 190.8

98 65.1 44.0 81.6



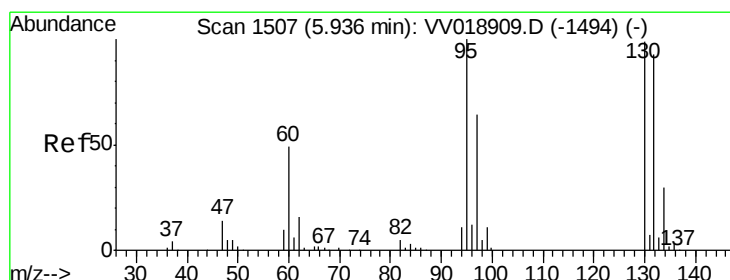
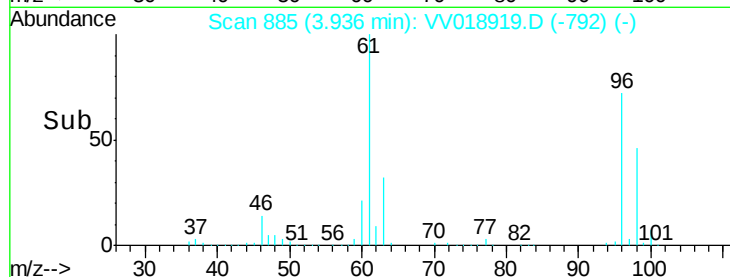
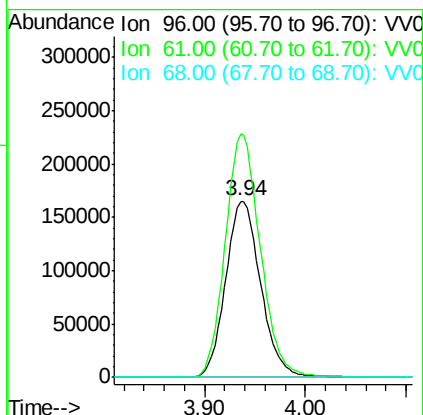
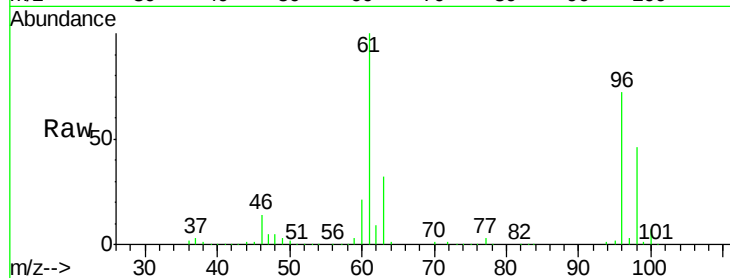


#20

cis-1,2-Dichloroethene
Concen: 155.548 ug/L
RT: 3.94 min Scan# 885
Delta R.T. -0.00 min
Lab File: VV018919.D
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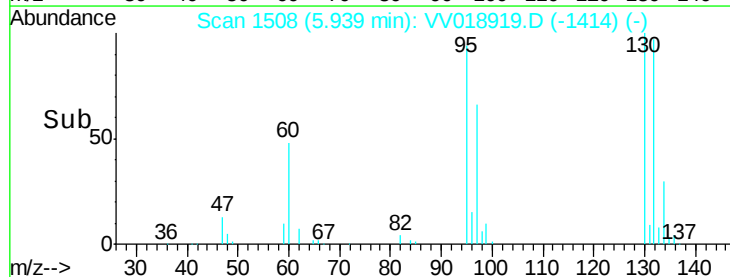
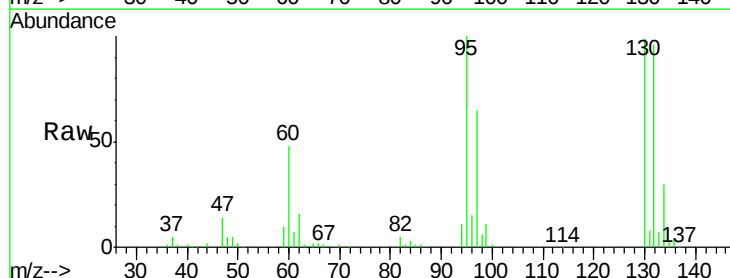
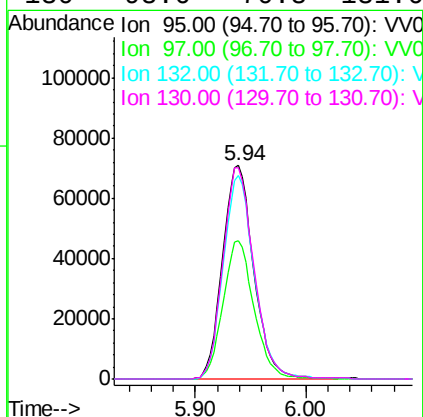
Tot Ion: 96 Resp: 399551
Ion Ratio Lower Upper
96 100
61 138.1 96.1 178.5
68 0.0 0.0 0.0

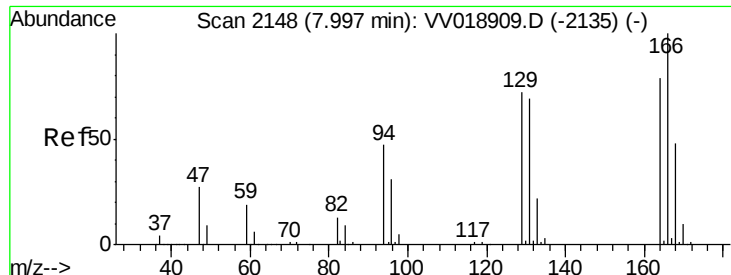


#34

Trichloroethene
Concen: 47.839 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV018919.D
Acq: 15 Oct 2020 18:37

Tgt Ion: 95 Resp: 139336
Ion Ratio Lower Upper
95 100
97 64.7 44.7 82.9
132 95.6 67.0 124.4
130 98.6 70.8 131.6





#46

Tetrachloroethene

Concen: 1.203 ug/L

RT: 8.00 min Scan# 2150

Delta R.T. 0.01 min

Lab File: VV018919.D

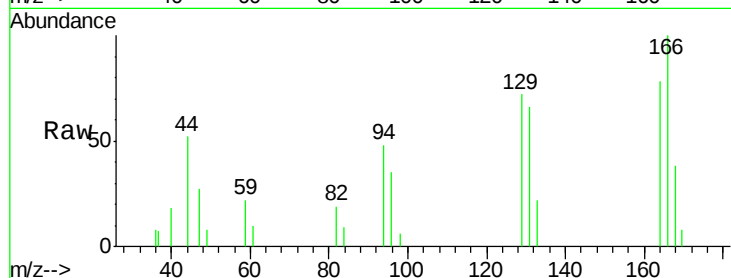
Acq: 15 Oct 2020 18:37

Instrument :

MSVOA_V

ClientSampleId :

C0AJ2



Tot Ion:164 Resp: 2470

Ion Ratio Lower Upper

164 100

129 92.4 65.0 120.8

131 84.9 62.9 116.7

166 128.3 91.1 169.3

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

