

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101419\
 Data File : VU035173.D
 Acq On : 15 Oct 2019 00:41
 Operator : JC/SP
 Sample : K5317-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CF0

Quant Time: Oct 15 09:10:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 15 07:54:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	145781	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	149700	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	52213	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	42412	4.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.40%
7) Chloroethane-d5	1.68	69	43422	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.00%
11) 1,1-Dichloroethene-d2	2.26	63	62430	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	4.17	46	136129	53.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.28%
24) Chloroform-d	4.62	84	83291	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	5.29	65	51891	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
32) Benzene-d6	5.32	84	162619	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.31	67	60590	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.55	98	137693	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.20%
43) trans-1,3-Dichloropropene-	7.84	79	17717	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
46) 2-Hexanone-d5	8.31	63	91339	45.47	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.94%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	51819	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	46630	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

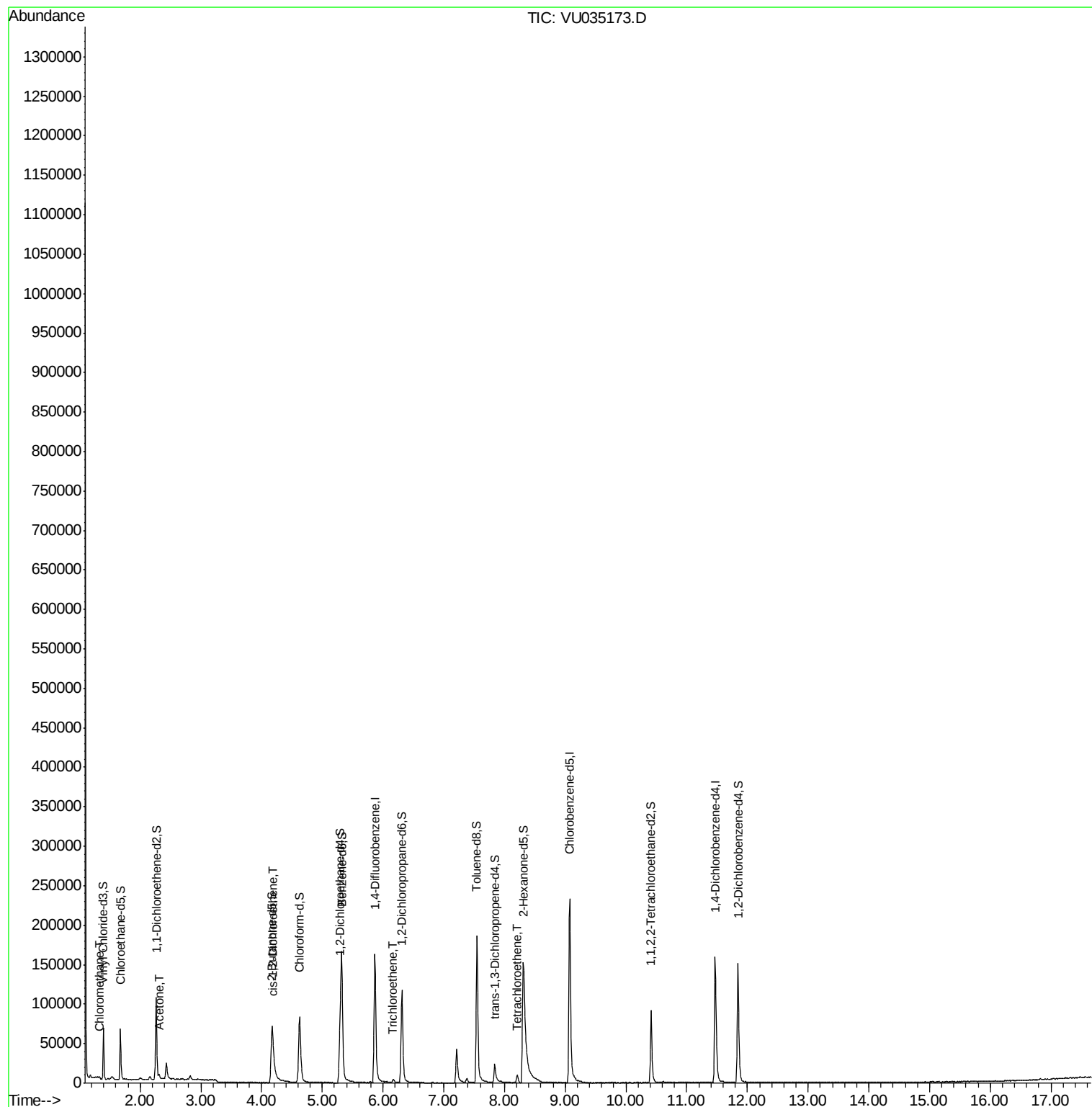
					Qvalue
3) Chloromethane	1.32	50	1706	0.117 ug/L	96
13) Acetone	2.31	43	6610	3.180 ug/L	92
22) cis-1,2-Dichloroethene	4.20	96	3729	0.333 ug/L	88
34) Trichloroethene	6.17	95	1658	0.143 ug/L	88
47) Tetrachloroethene	8.21	164	2459	0.261 ug/L	88

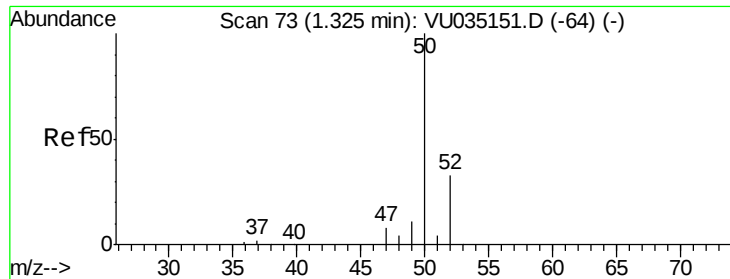
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.117 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU035173.D

Acq: 15 Oct 2019 00:41

Instrument :

MSVOA_U

ClientSampleId :

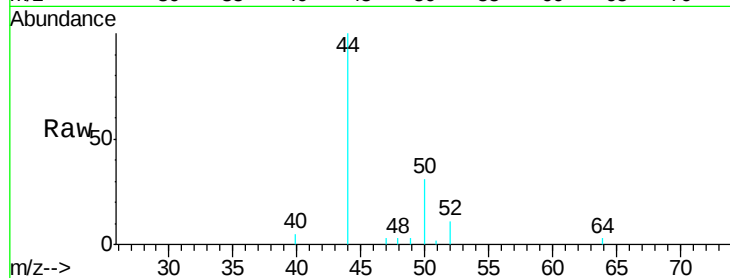
C0CF0

Tgt Ion: 50 Resp: 1706

Ion Ratio Lower Upper

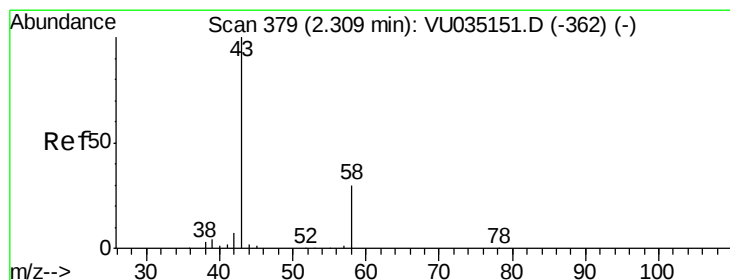
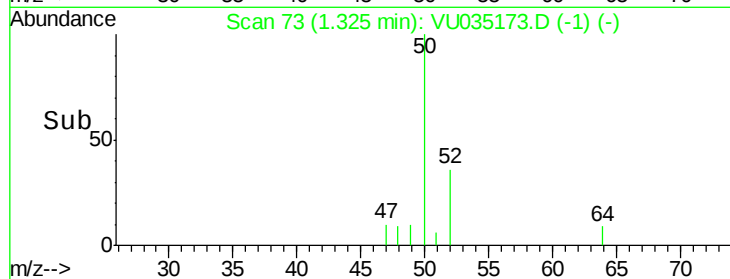
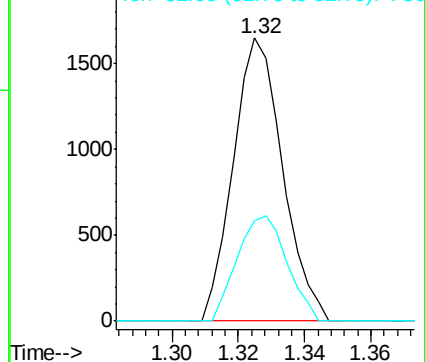
50 100

52 35.7 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#13

Acetone

Concen: 3.180 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU035173.D

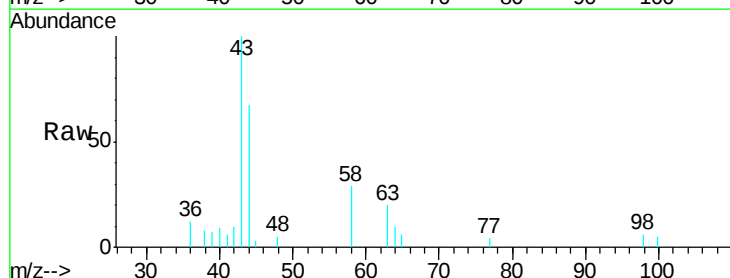
Acq: 15 Oct 2019 00:41

Tgt Ion: 43 Resp: 6610

Ion Ratio Lower Upper

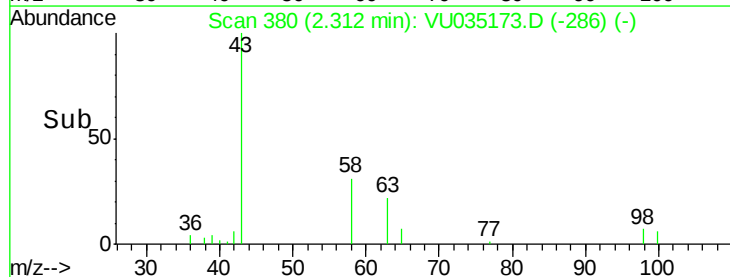
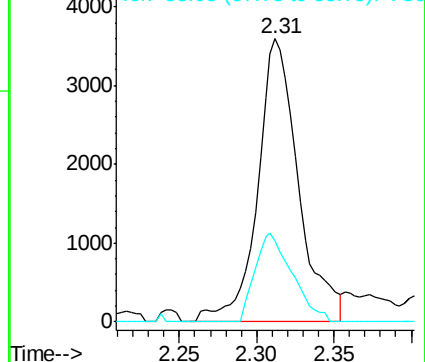
43 100

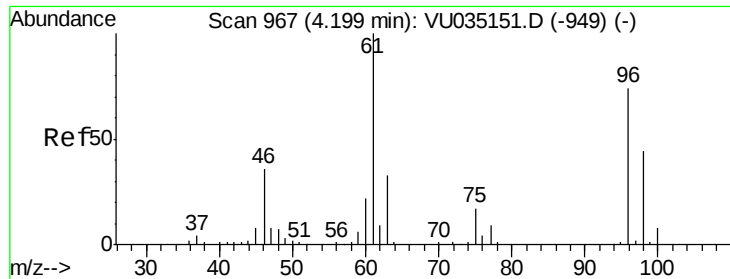
58 28.5 0.0 66.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



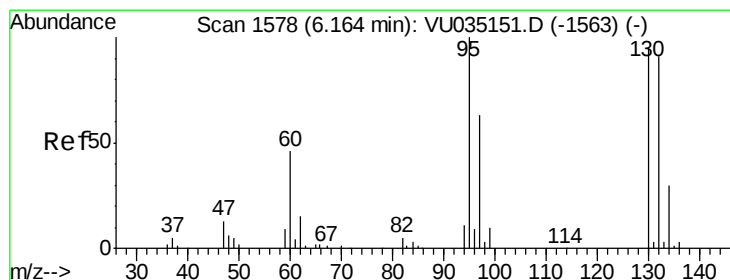
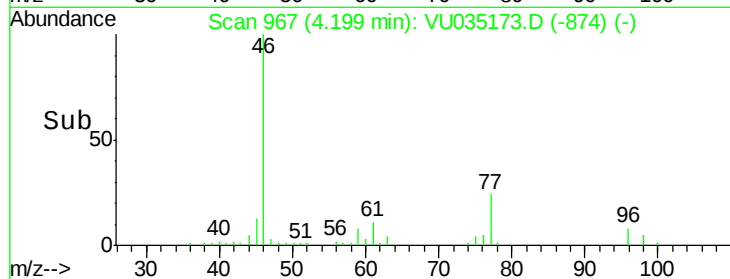
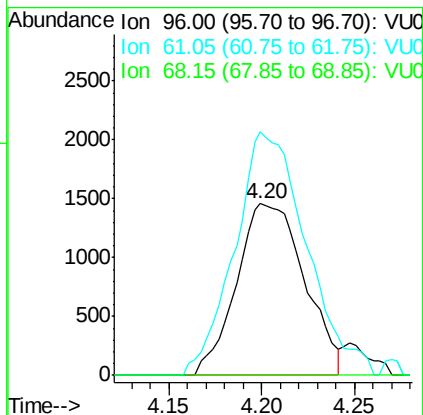
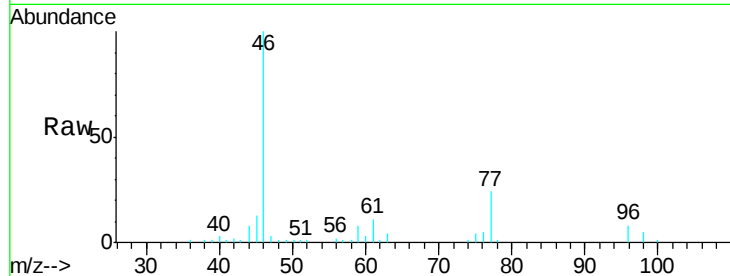


#22

cis-1,2-Dichloroethene
Concen: 0.333 ug/L
RT: 4.20 min Scan# 967
Delta R.T. 0.00 min
Lab File: VU035173.D
Acq: 15 Oct 2019 00:41

Instrument :
MSVOA_U
ClientSampled :
C0CF0

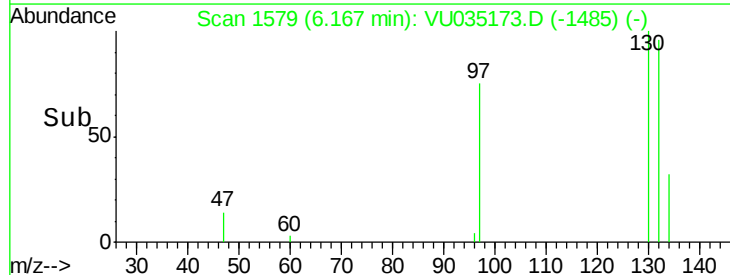
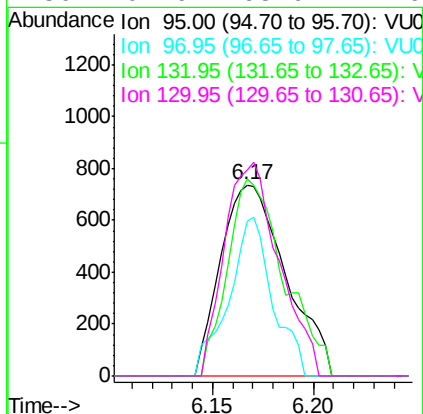
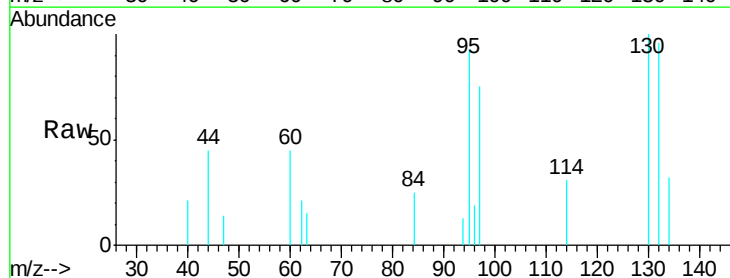
Tgt Ion: 96 Resp: 3729
Ion Ratio Lower Upper
96 100
61 141.7 89.2 165.6
68 0.0 0.0 0.0

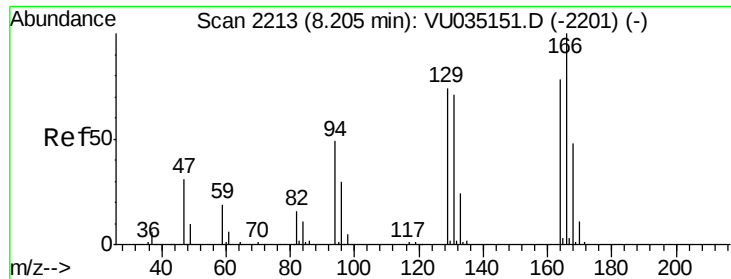


#34

Trichloroethene
Concen: 0.143 ug/L
RT: 6.17 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VU035173.D
Acq: 15 Oct 2019 00:41

Tgt Ion: 95 Resp: 1658
Ion Ratio Lower Upper
95 100
97 80.7 44.5 82.7
132 103.4 66.6 123.8
130 107.9 68.9 127.9





#47

Tetrachloroethene

Concen: 0.261 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. 0.00 min

Lab File: VU035173.D

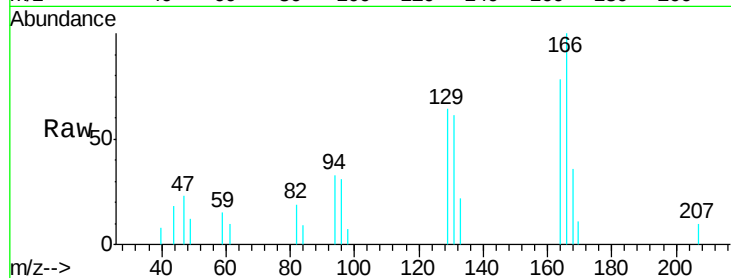
Acq: 15 Oct 2019 00:41

Instrument :

MSVOA_U

ClientSampleId :

C0CF0



Tgt Ion:164 Resp: 2459

Ion Ratio Lower Upper

164 100

129 81.0 68.5 127.1

131 78.4 67.3 124.9

166 127.6 93.1 172.9

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

