

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010921\
 Data File : VU041900.D
 Acq On : 08 Jan 2021 13:13
 Operator : SY/MD
 Sample : M1027-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXM8

Quant Time: Jan 09 02:23:50 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jan 09 01:31:59 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	129916	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	129100	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	57018	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	36692	3.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.20%
7) Chloroethane-d5	1.92	69	40577	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.20%
11) 1,1-Dichloroethene-d2	2.58	63	56386	3.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.20%
20) 2-Butanone-d5	4.65	46	157367	53.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.88%
24) Chloroform-d	5.08	84	96319	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.80%
26) 1,2-Dichloroethane-d4	5.72	65	52416	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.74	84	177324	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.70	67	57783	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.91	98	140657	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	8.19	79	21771	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.64	63	134878	47.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.68%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	54289	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	56813	5.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.00%

Target Compounds

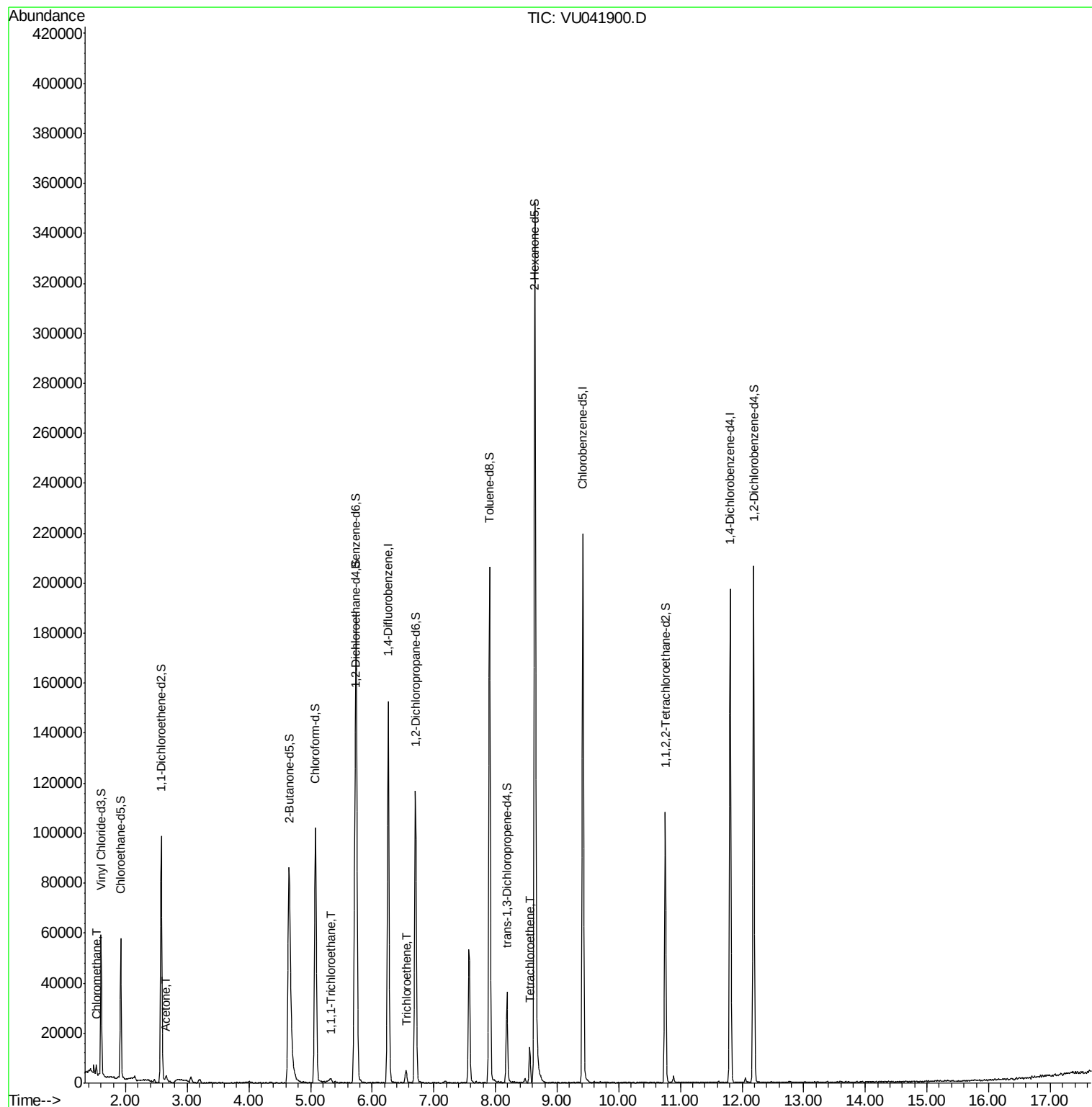
					Qvalue
3) Chloromethane	1.52	50	2885	0.270 ug/L	98
13) Acetone	2.66	43	3916	2.110 ug/L	69
29) 1,1,1-Trichloroethane	5.33	97	1375	0.093 ug/L #	77
34) Trichloroethene	6.55	95	1587	0.153 ug/L #	82
47) Tetrachloroethene	8.56	164	3114	0.429 ug/L	91

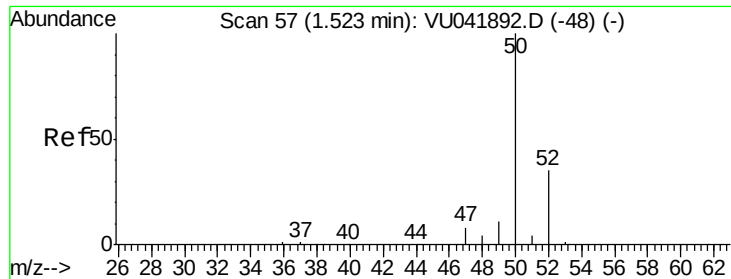
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.270 ug/L

RT: 1.52 min Scan# 57

Delta R.T. -0.00 min

Lab File: VU041900.D

Acq: 08 Jan 2021 13:13

Instrument :

MSVOA_U

ClientSampleID :

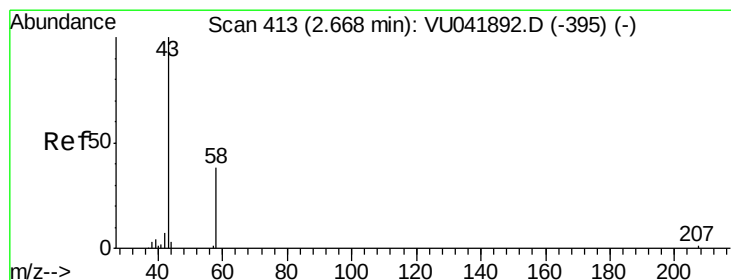
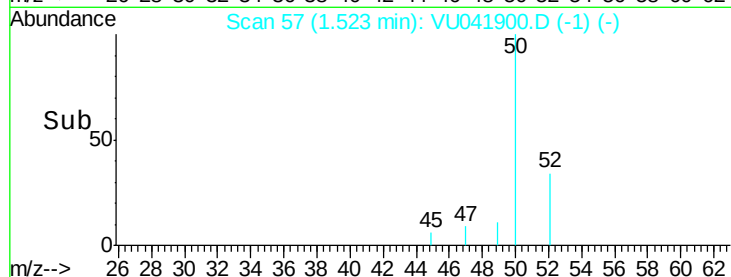
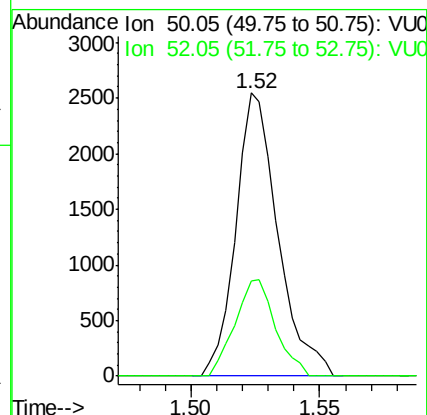
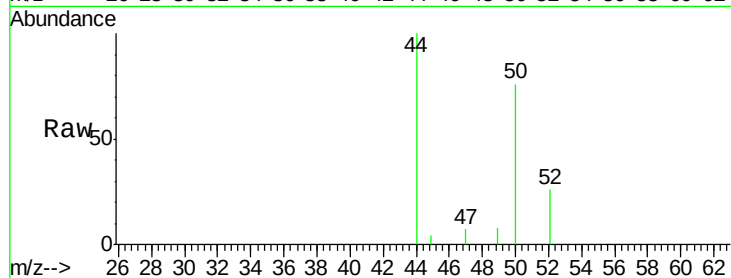
BFXM8

Tgt Ion: 50 Resp: 2885

Ion Ratio Lower Upper

50 100

52 33.6 24.1 44.8



#13

Acetone

Concen: 2.110 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.01 min

Lab File: VU041900.D

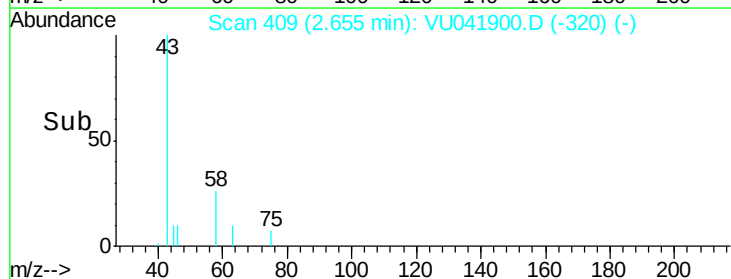
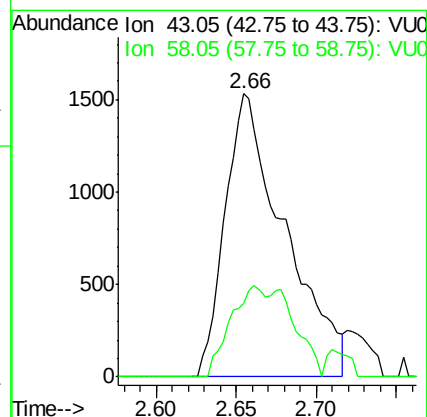
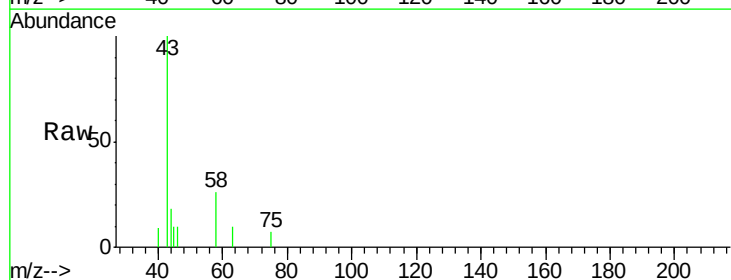
Acq: 08 Jan 2021 13:13

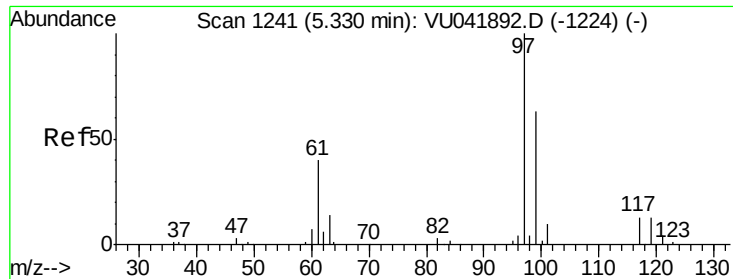
Tgt Ion: 43 Resp: 3916

Ion Ratio Lower Upper

43 100

58 18.4 0.0 73.2

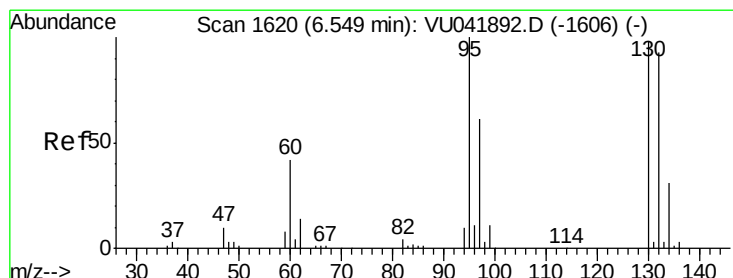
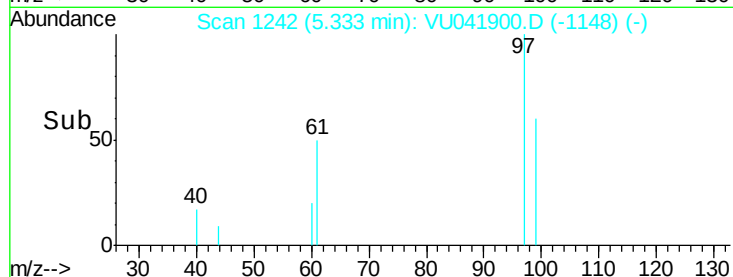
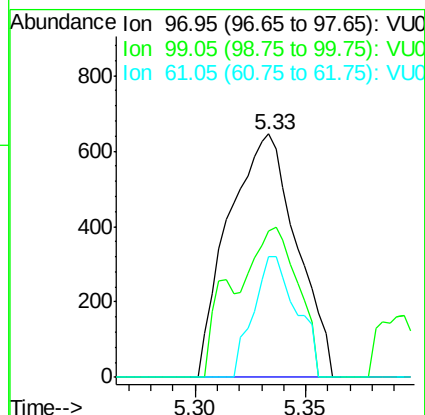
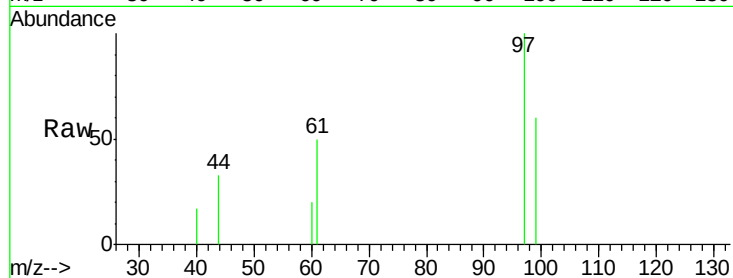




#29
 1,1,1-Trichloroethane
 Concen: 0.093 ug/L
 RT: 5.33 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VU041900.D
 Acq: 08 Jan 2021 13:13

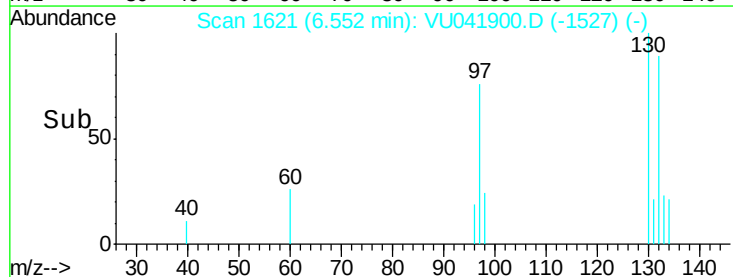
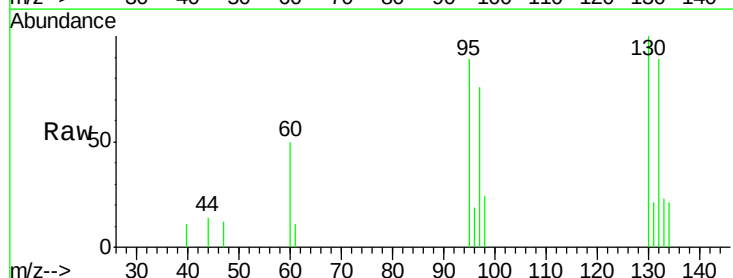
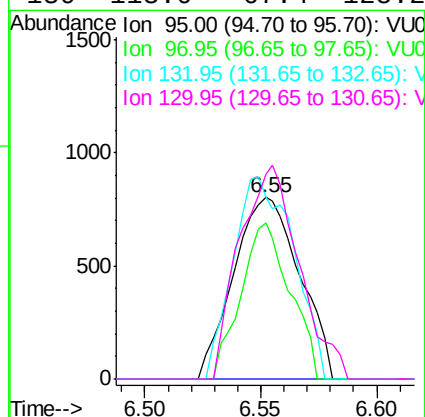
Instrument :
 MSVOA_U
 ClientSampled :
 BFXM8

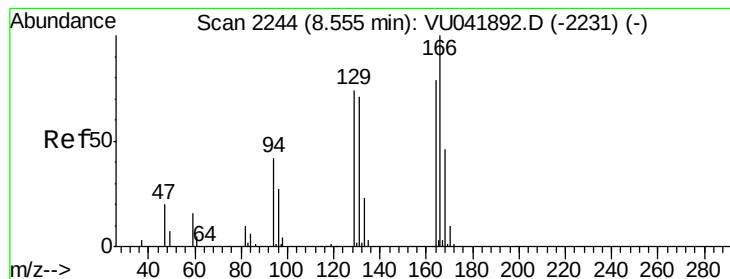
Tgt Ion: 97 Resp: 1375
 Ion Ratio Lower Upper
 97 100
 99 45.2 51.3 76.9#
 61 31.5 36.5 54.7#



#34
 Trichloroethene
 Concen: 0.153 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: VU041900.D
 Acq: 08 Jan 2021 13:13

Tgt Ion: 95 Resp: 1587
 Ion Ratio Lower Upper
 95 100
 97 85.8 43.9 81.5#
 132 100.0 63.1 117.3
 130 113.0 67.4 125.2





#47

Tetrachloroethene

Concen: 0.429 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VU041900.D

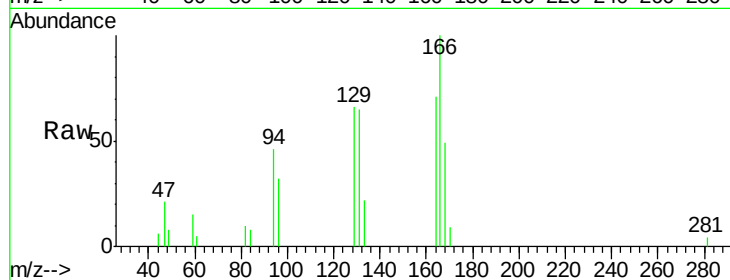
Acq: 08 Jan 2021 13:13

Instrument :

MSVOA_U

ClientSampleId :

BFXM8



Tgt Ion:164 Resp: 3114

Ion Ratio Lower Upper

164 100

129 93.8 72.2 134.0

131 91.8 66.9 124.3

166 141.7 89.6 166.4

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

