

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111023\
 Data File : VU056180.D
 Acq On : 10 Nov 2023 19:21
 Operator : MD/SY
 Sample : 05340-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCDL2

Quant Time: Nov 11 01:41:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 11 00:40:59 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

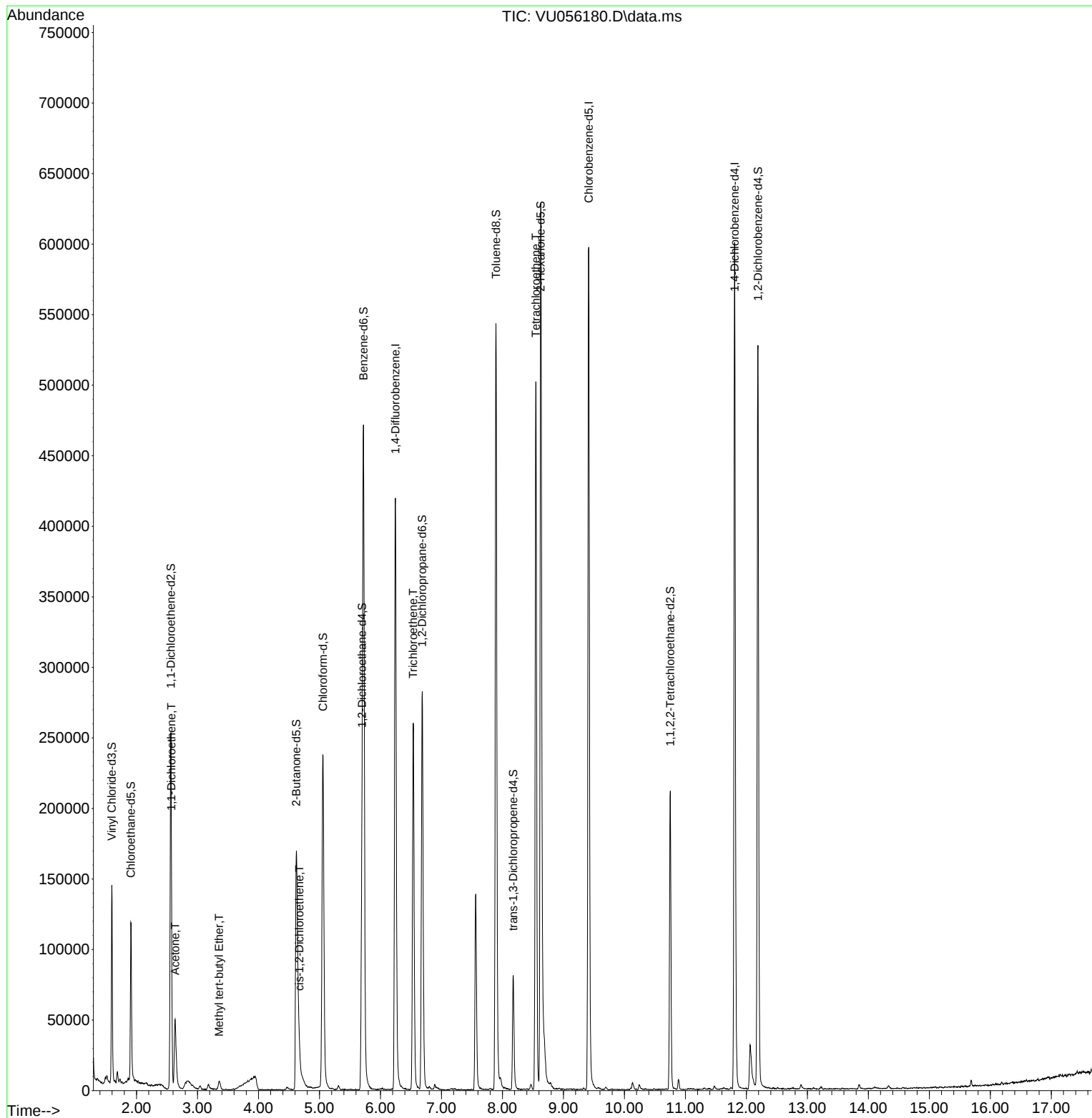
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	367331	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	366659	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	163924	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	100666	4.415	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.400%	
7) Chloroethane-d5	1.907	69	83096	5.370	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	107.400%	
11) 1,1-Dichloroethene-d2	2.563	65	46435	4.623	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.400%	
20) 2-Butanone-d5	4.621	46	266131	71.148	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	142.300%#	
24) Chloroform-d	5.058	84	230623	5.314	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.200%	
26) 1,2-Dichloroethane-d4	5.698	65	110202	5.767	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	115.400%	
32) Benzene-d6	5.721	84	463323	5.261	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	105.200%	
36) 1,2-Dichloropropane-d6	6.685	67	144347	5.568	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	111.400%	
41) Toluene-d8	7.894	98	390782	4.843	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.800%	
43) trans-1,3-Dichloroprop...	8.177	79	49684	5.014	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	100.200%	
46) 2-Hexanone-d5	8.627	63	224530	69.135	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	138.260%#	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	108724	5.876	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	117.600%	
66) 1,2-Dichlorobenzene-d4	12.190	152	148578	5.878	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	117.600%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.573	96	4549	0.193	ug/L #	1
13) Acetone	2.634	43	69066	25.037	ug/L	100
17) Methyl tert-butyl Ether	3.354	73	7183	0.135	ug/L #	70
22) cis-1,2-Dichloroethene	4.669	96	7437	0.275	ug/L	80
34) Trichloroethene	6.537	95	92838	3.237	ug/L	97
47) Tetrachloroethene	8.547	164	112973	5.249	ug/L	97

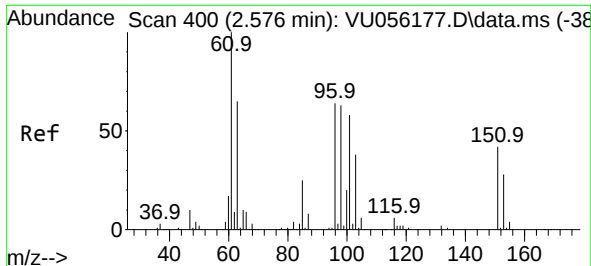
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 11 00:40:59 2023
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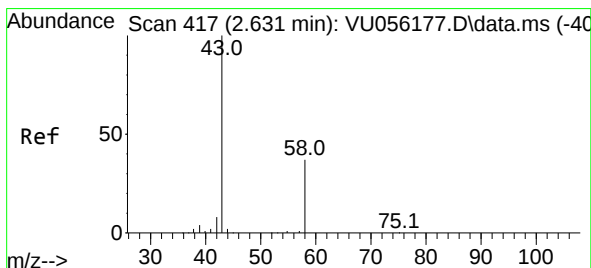
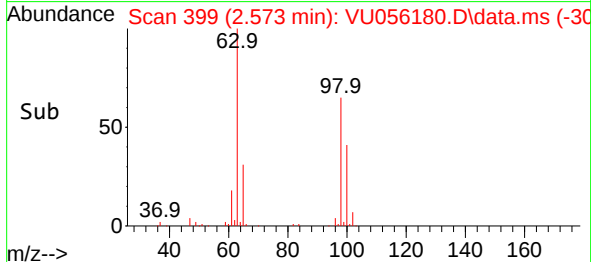
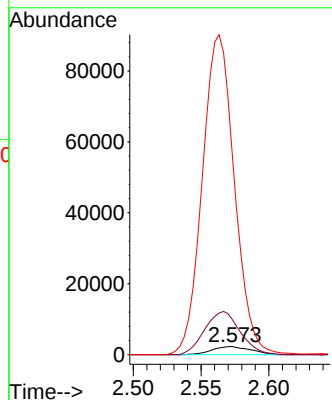
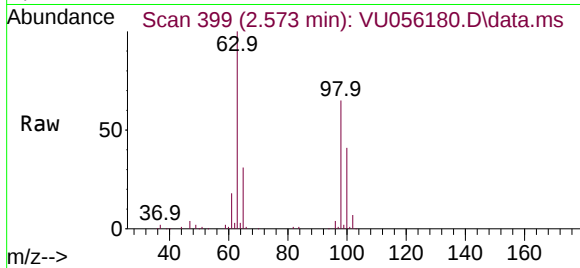




#12
1,1-Dichloroethene
Concen: 0.193 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU056180.D
Acq: 10 Nov 2023 19:21

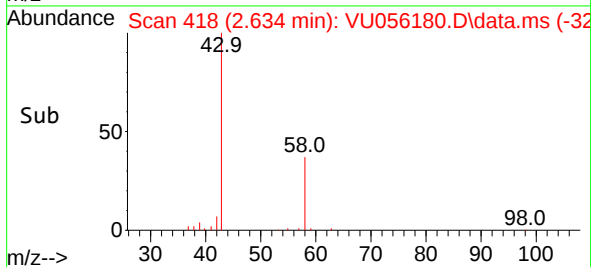
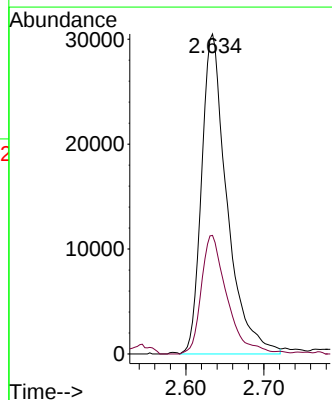
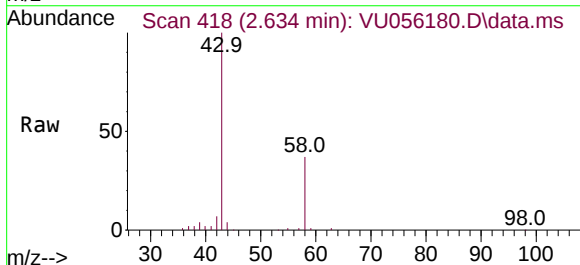
Instrument :
MSVOA_U
ClientSampleId :
GCDL2

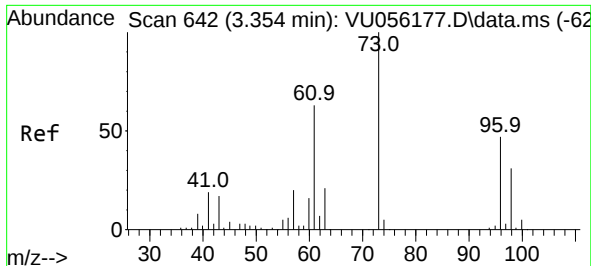
Tgt Ion: 96 Resp: 4549
Ion Ratio Lower Upper
96 100
61 436.0 111.7 207.5#
63 2476.4 74.5 138.3#



#13
Acetone
Concen: 25.037 ug/L
RT: 2.634 min Scan# 418
Delta R.T. 0.003 min
Lab File: VU056180.D
Acq: 10 Nov 2023 19:21

Tgt Ion: 43 Resp: 69066
Ion Ratio Lower Upper
43 100
58 37.3 0.0 74.4





#17

Methyl tert-butyl Ether

Concen: 0.135 ug/L

RT: 3.354 min Scan# 642

Delta R.T. 0.000 min

Lab File: VU056180.D

Acq: 10 Nov 2023 19:21

Instrument :

MSVOA_U

ClientSampleId :

GCDL2

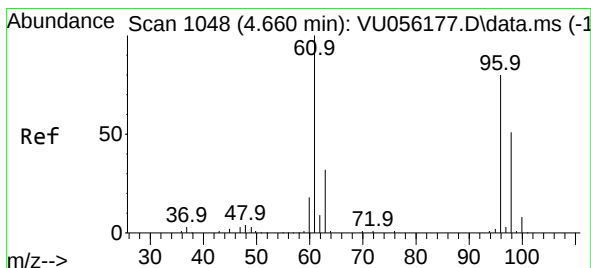
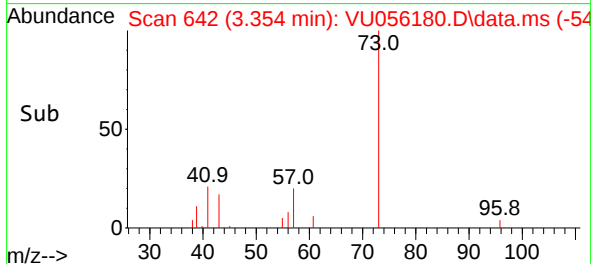
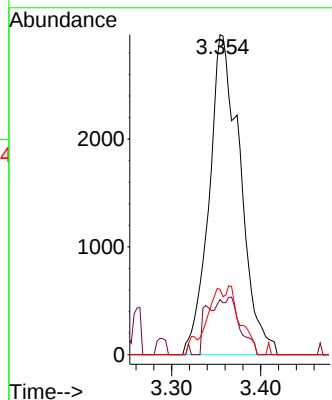
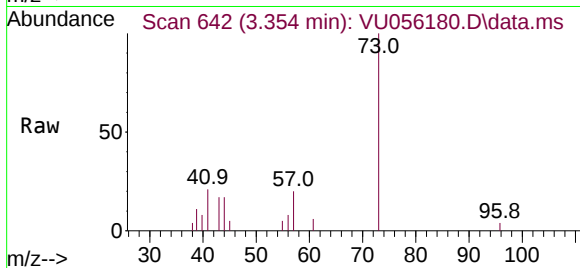
Tgt Ion: 73 Resp: 7183

Ion Ratio Lower Upper

73 100

43 4.6 13.6 20.4#

57 7.0 17.3 25.9#



#22

cis-1,2-Dichloroethene

Concen: 0.275 ug/L

RT: 4.669 min Scan# 1051

Delta R.T. 0.010 min

Lab File: VU056180.D

Acq: 10 Nov 2023 19:21

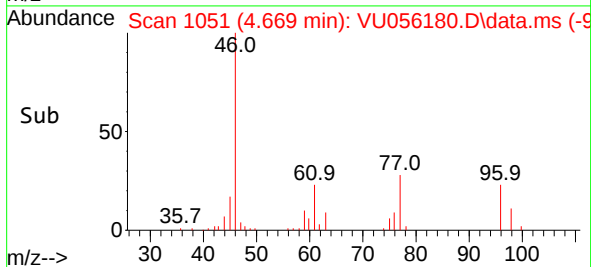
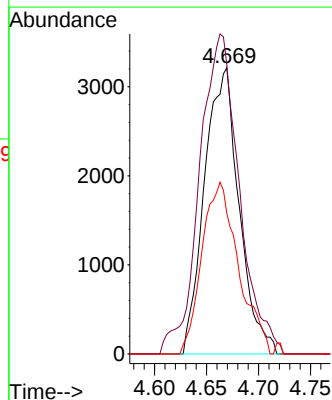
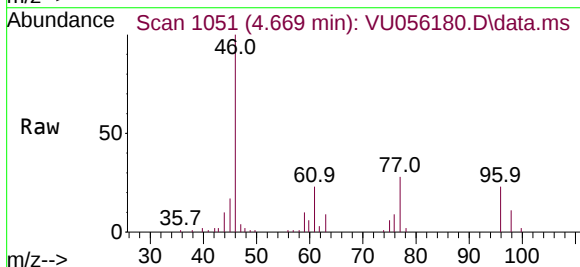
Tgt Ion: 96 Resp: 7437

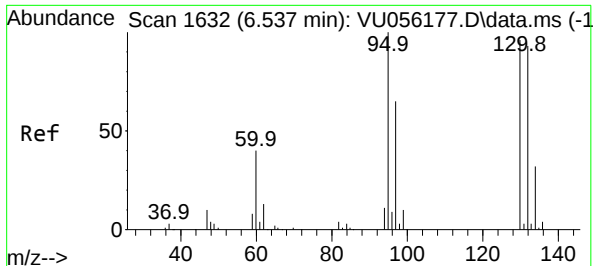
Ion Ratio Lower Upper

96 100

61 101.3 87.8 163.2

98 49.2 43.5 80.7





#34

Trichloroethene

Concen: 3.237 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU056180.D

Acq: 10 Nov 2023 19:21

Instrument :

MSVOA_U

ClientSampleId :

GCDL2

Tgt Ion: 95 Resp: 92838

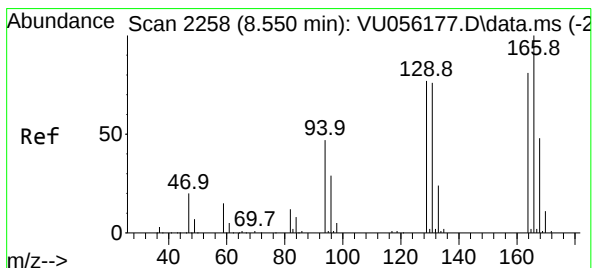
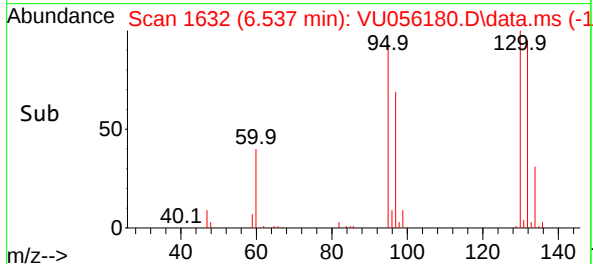
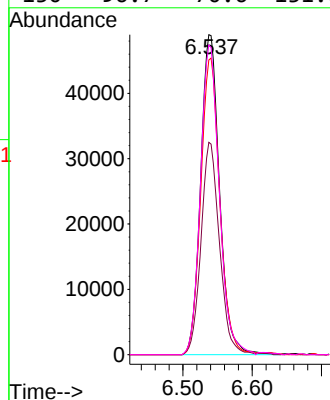
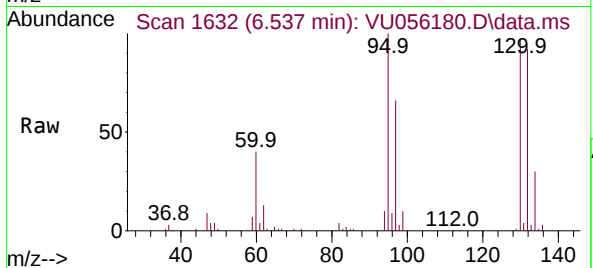
Ion Ratio Lower Upper

95 100

97 66.3 46.8 87.0

132 92.1 66.5 123.5

130 96.7 70.6 131.0



#47

Tetrachloroethene

Concen: 5.249 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.003 min

Lab File: VU056180.D

Acq: 10 Nov 2023 19:21

Tgt Ion:164 Resp: 112973

Ion Ratio Lower Upper

164 100

129 98.4 66.6 123.8

131 93.3 67.8 126.0

166 125.0 85.9 159.5

