

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100422\
 Data File : VW028318.D
 Acq On : 04 Oct 2022 10:37
 Operator : SY/MD
 Sample : N4866-14DL 25X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFQ3DL

Quant Time: Oct 04 23:23:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

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

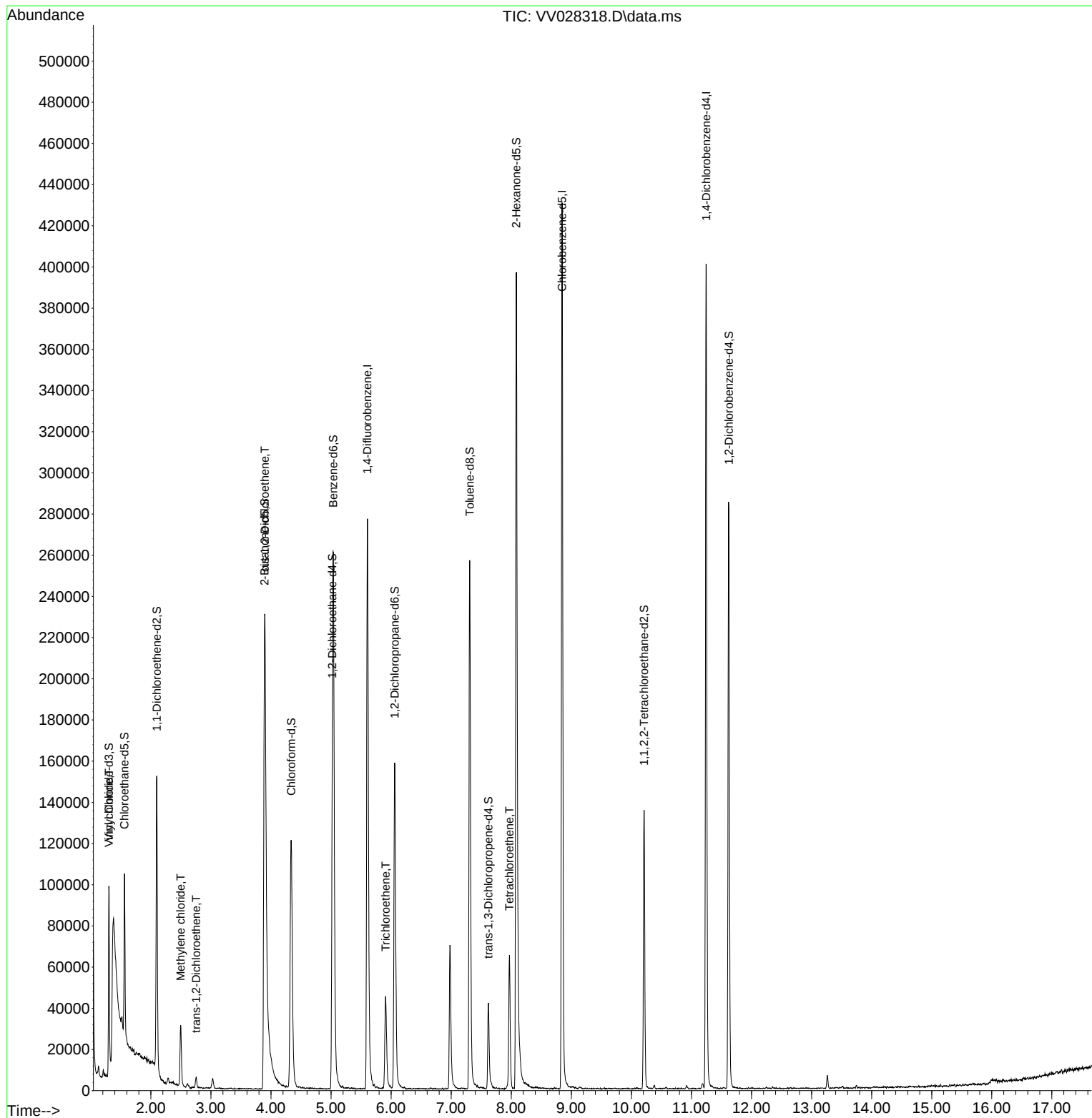
Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	257465	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	252176	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	112623	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	46648	2.411	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	48.200%	
7) Chloroethane-d5	1.561	69	51717	3.158	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	63.200%#	
11) 1,1-Dichloroethene-d2	2.098	63	73135	2.006	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	40.200%#	
20) 2-Butanone-d5	3.892	46	195139	59.617	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	119.240%	
24) Chloroform-d	4.336	84	133133	3.799	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	76.000%	
26) 1,2-Dichloroethane-d4	5.021	65	66532	4.095	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.800%	
32) Benzene-d6	5.037	84	242967	3.512	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	70.200%	
36) 1,2-Dichloropropane-d6	6.059	67	83171	4.191	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	83.800%	
41) Toluene-d8	7.310	98	183705	2.887	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	57.800%#	
43) trans-1,3-Dichloroprop...	7.619	79	26089	3.452	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	69.000%	
46) 2-Hexanone-d5	8.085	63	155829	50.372	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.740%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	67348	4.477	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	80679	4.163	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	83.200%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.304	62	15488	0.701	ug/L	# 75
16) Methylene chloride	2.497	84	13209	0.635	ug/L	87
18) trans-1,2-Dichloroethene	2.754	96	2066	0.107	ug/L	86
22) cis-1,2-Dichloroethene	3.899	96	97064	5.011	ug/L	94
34) Trichloroethene	5.908	95	16328	0.869	ug/L	92
47) Tetrachloroethene	7.969	164	15537	0.946	ug/L	95

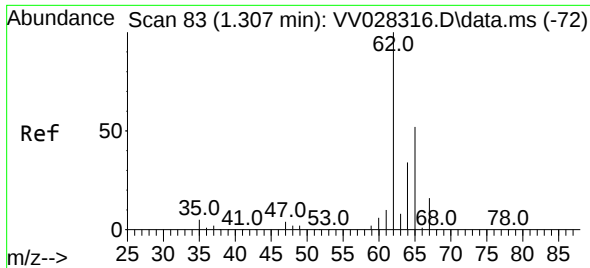
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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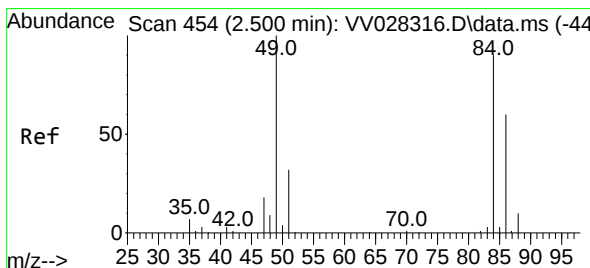
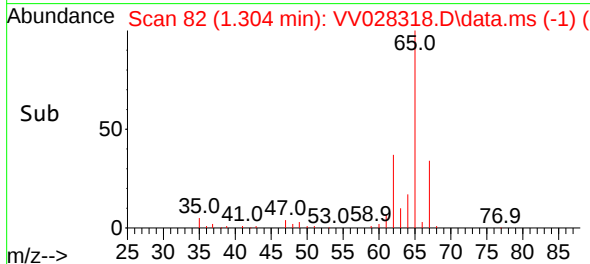
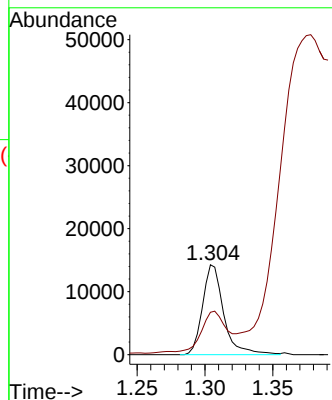
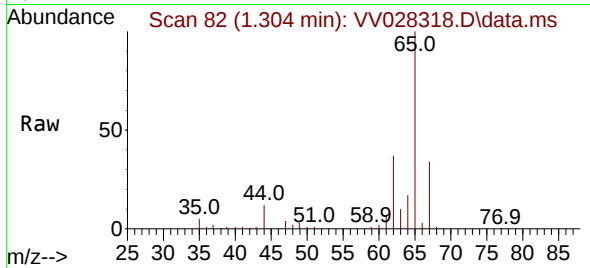




#5
 Vinyl chloride
 Concen: 0.701 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV028318.D
 Acq: 04 Oct 2022 10:37

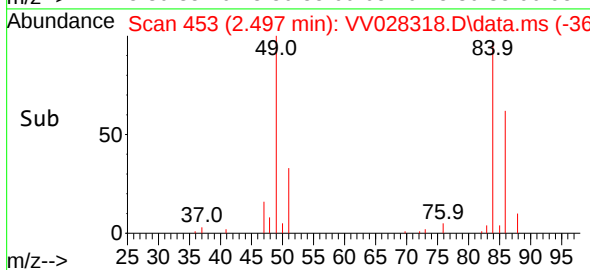
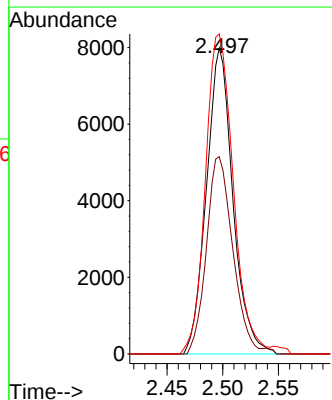
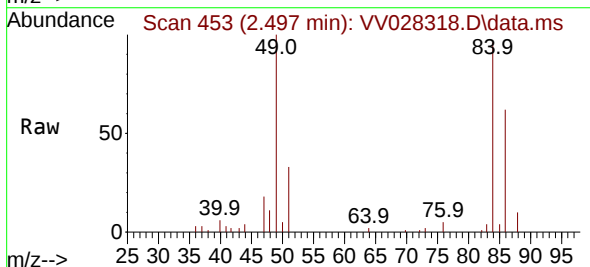
Instrument :
 MSVOA_V
 ClientSampleId :
 EXFQ3DL

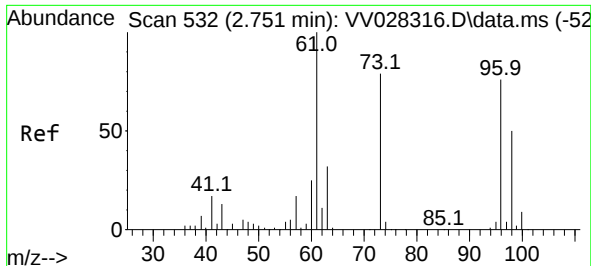
Tgt Ion: 62 Resp: 15488
 Ion Ratio Lower Upper
 62 100
 64 47.2 23.0 42.8#



#16
 Methylene chloride
 Concen: 0.635 ug/L
 RT: 2.497 min Scan# 453
 Delta R.T. -0.003 min
 Lab File: VV028318.D
 Acq: 04 Oct 2022 10:37

Tgt Ion: 84 Resp: 13209
 Ion Ratio Lower Upper
 84 100
 86 64.5 46.8 86.8
 49 104.6 87.5 162.5

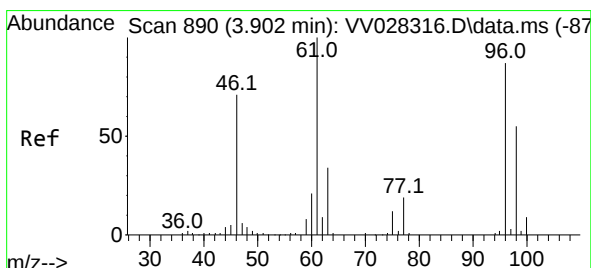
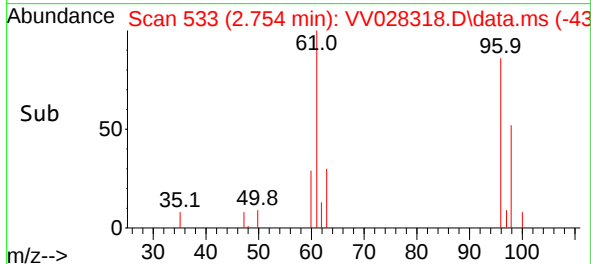
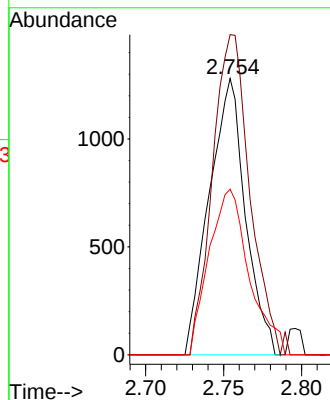
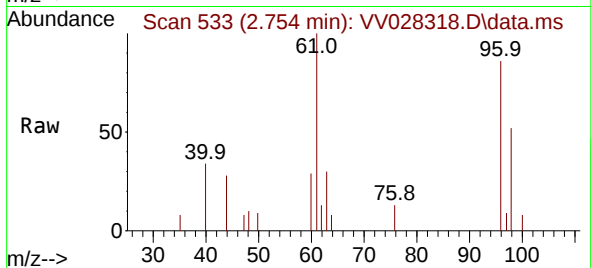




#18
trans-1,2-Dichloroethene
Concen: 0.107 ug/L
RT: 2.754 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV028318.D
Acq: 04 Oct 2022 10:37

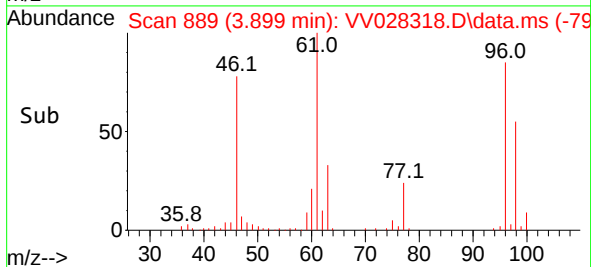
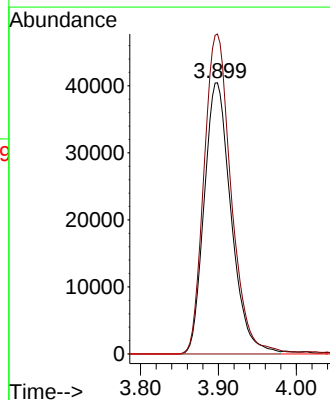
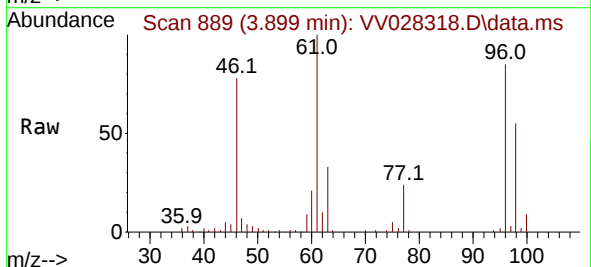
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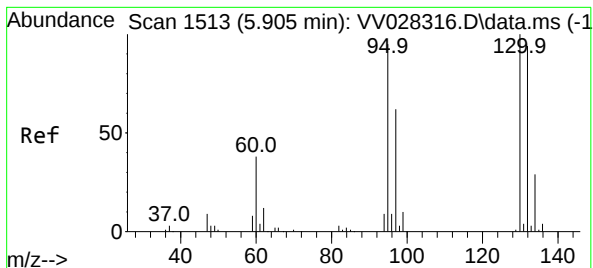
Tgt Ion: 96 Resp: 2066
Ion Ratio Lower Upper
96 100
61 115.9 96.2 178.6
98 59.9 45.7 84.9



#22
cis-1,2-Dichloroethene
Concen: 5.011 ug/L
RT: 3.899 min Scan# 889
Delta R.T. -0.006 min
Lab File: VV028318.D
Acq: 04 Oct 2022 10:37

Tgt Ion: 96 Resp: 97064
Ion Ratio Lower Upper
96 100
61 118.0 87.2 161.9
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 0.869 ug/L

RT: 5.908 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV028318.D

Acq: 04 Oct 2022 10:37

Instrument :

MSVOA_V

ClientSampleId :

EXFQ3DL

Tgt Ion: 95 Resp: 16328

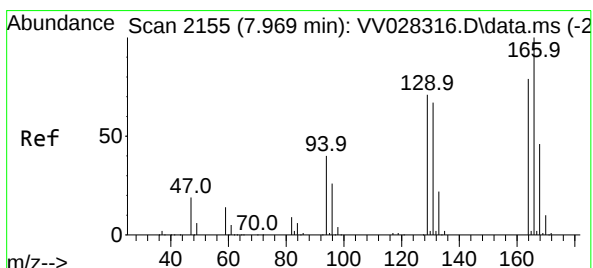
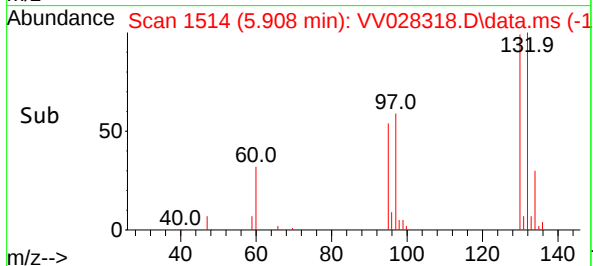
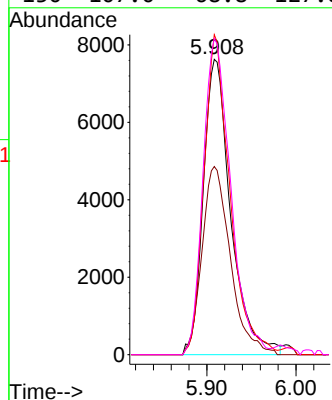
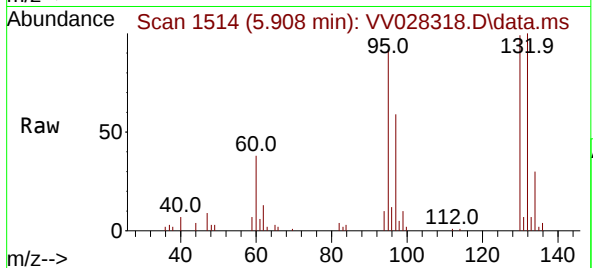
Ion Ratio Lower Upper

95 100

97 63.7 44.2 82.0

132 108.3 67.8 126.0

130 107.0 68.8 127.8



#47

Tetrachloroethene

Concen: 0.946 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.000 min

Lab File: VV028318.D

Acq: 04 Oct 2022 10:37

Tgt Ion:164 Resp: 15537

Ion Ratio Lower Upper

164 100

129 90.9 66.7 123.9

131 84.7 61.7 114.5

166 122.9 90.9 168.9

