

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100223\
 Data File : VU055624.D
 Acq On : 02 Oct 2023 23:48
 Operator : MD/SY
 Sample : VIBLK148
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK148

Quant Time: Oct 03 06:25:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 03 06:03:59 2023
 Response via : Initial Calibration

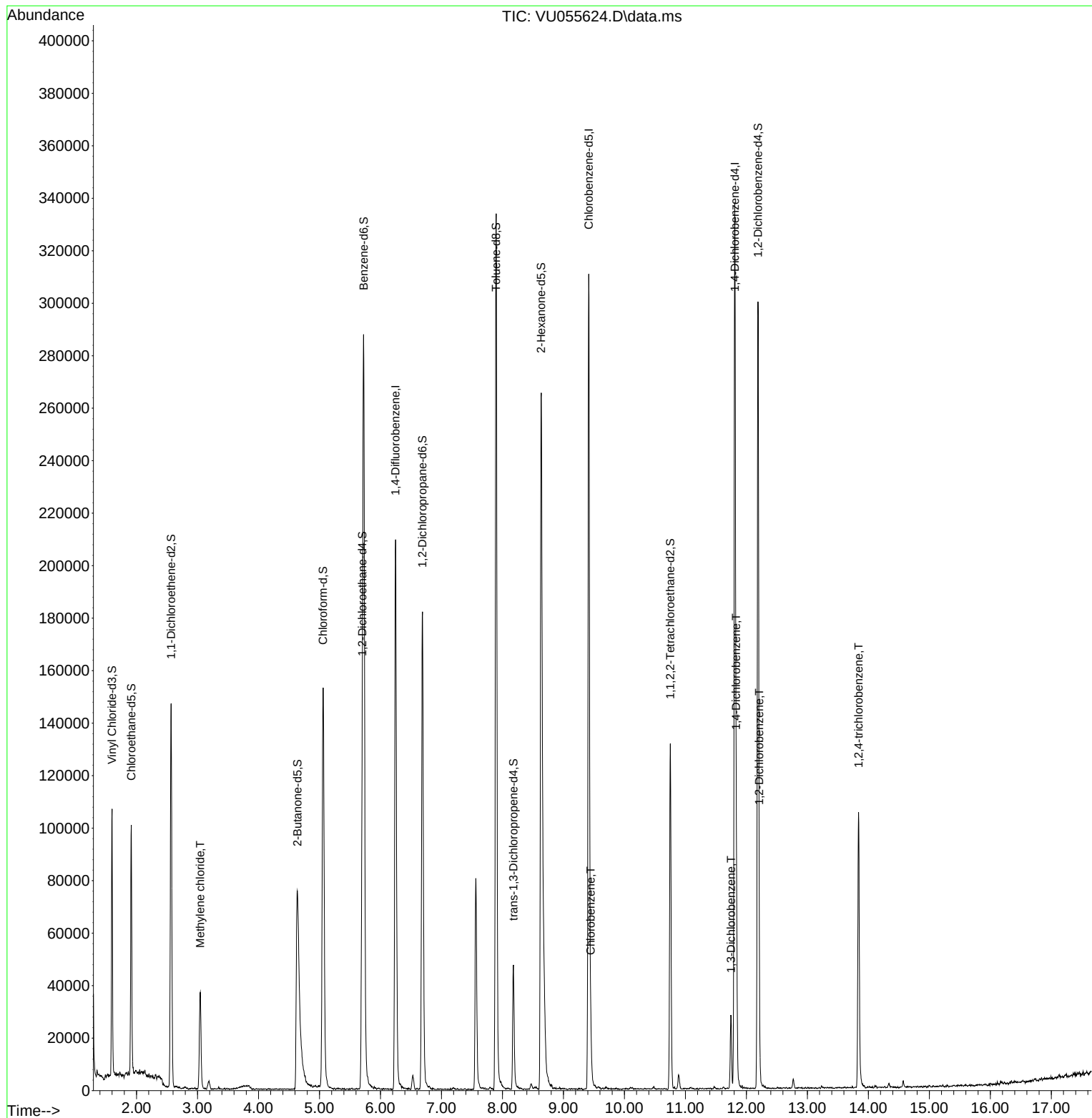
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	171021	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	174464	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	86567	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	70108	4.056	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.200%
7) Chloroethane-d5	1.914	69	67404	4.425	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.567	65	27747	3.900	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.000%
20) 2-Butanone-d5	4.637	46	159328	51.033	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.060%
24) Chloroform-d	5.058	84	144265	4.614	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	5.702	65	71732	4.770	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	5.724	84	279015	4.572	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.689	67	89854	4.928	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.898	98	230170	4.138	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
43) trans-1,3-Dichloroprop...	8.181	79	27799	4.345	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.634	63	91092	46.804	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.600%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	66168	4.842	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	78664	4.502	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.000%
Target Compounds						
16) Methylene chloride	3.046	84	17754	1.239	ug/L	92
51) Chlorobenzene	9.447	112	10080	0.294	ug/L	96
64) 1,3-Dichlorobenzene	11.749	146	11017	0.461	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	32050	1.342	ug/L	96
67) 1,2-Dichlorobenzene	12.209	146	4042	0.185	ug/L #	87
70) 1,2,4-trichlorobenzene	13.839	180	31858	2.540	ug/L	99

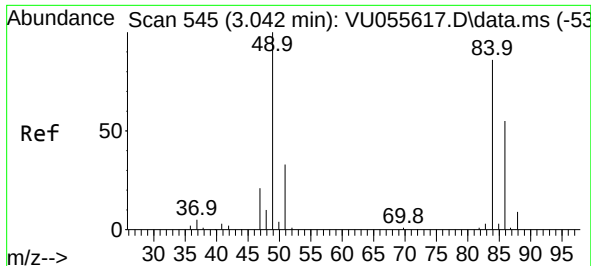
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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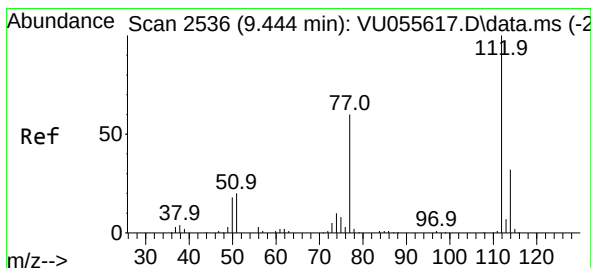
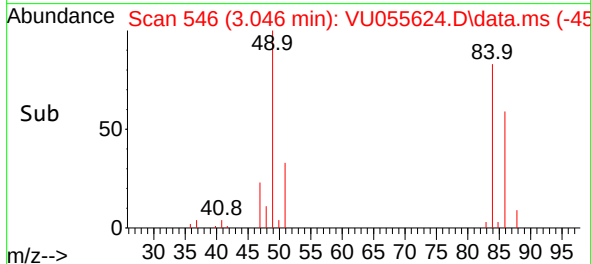
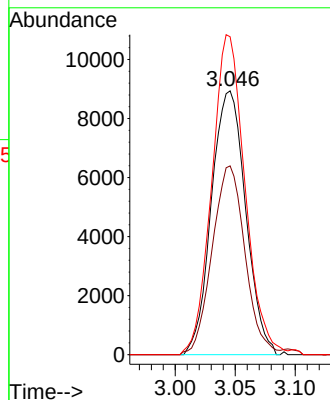
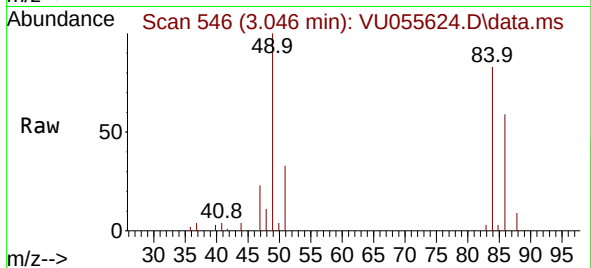




#16
Methylene chloride
Concen: 1.239 ug/L
RT: 3.046 min Scan# 545
Delta R.T. 0.003 min
Lab File: VU055624.D
Acq: 02 Oct 2023 23:48

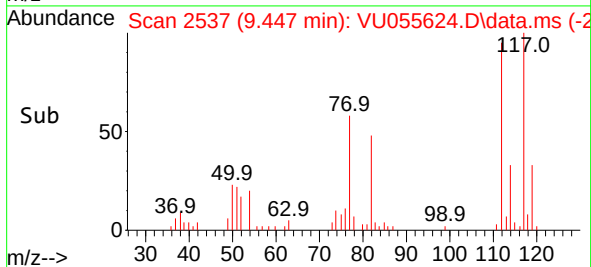
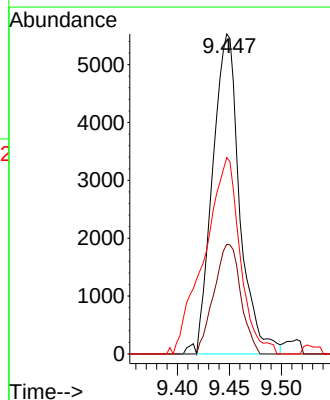
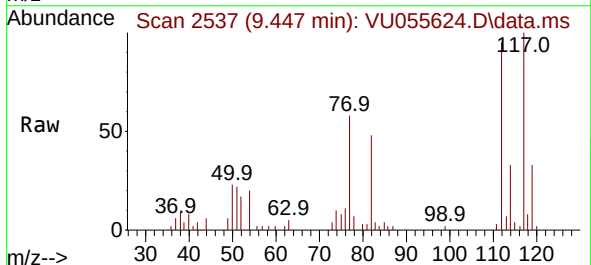
Instrument :
MSVOA_U
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VIBLK148

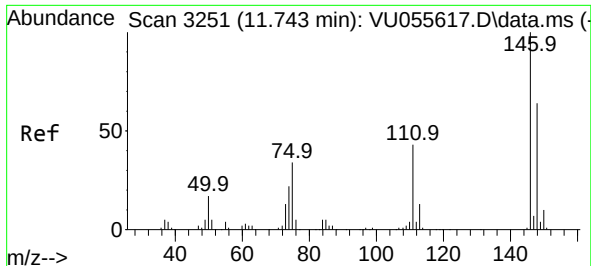
Tgt Ion: 84 Resp: 17754
Ion Ratio Lower Upper
84 100
86 71.5 44.9 83.3
49 120.4 78.8 146.3



#51
Chlorobenzene
Concen: 0.294 ug/L
RT: 9.447 min Scan# 2537
Delta R.T. 0.003 min
Lab File: VU055624.D
Acq: 02 Oct 2023 23:48

Tgt Ion: 112 Resp: 10080
Ion Ratio Lower Upper
112 100
114 34.3 22.0 40.8
77 61.3 46.9 70.3

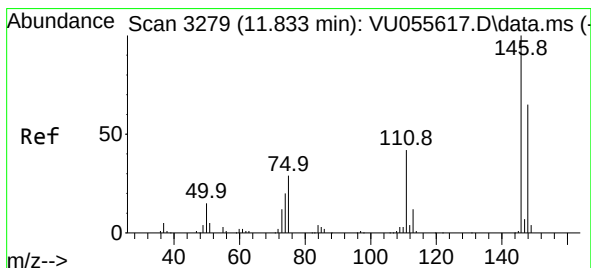
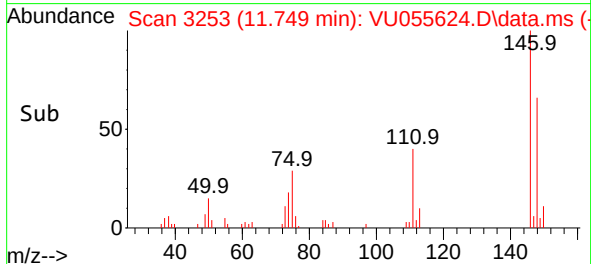
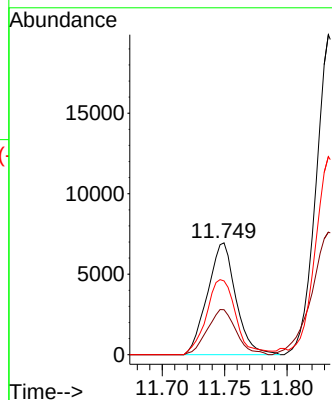
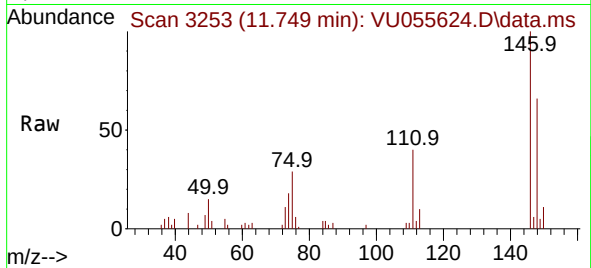




#64
1,3-Dichlorobenzene
Concen: 0.461 ug/L
RT: 11.749 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU055624.D
Acq: 02 Oct 2023 23:48

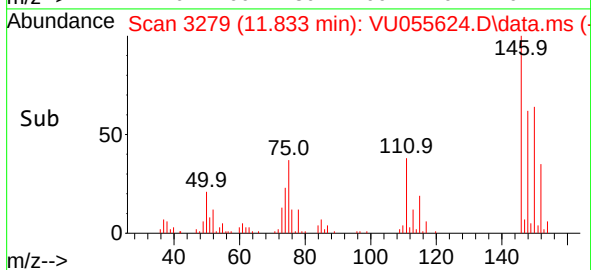
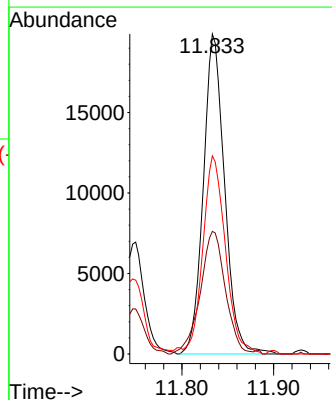
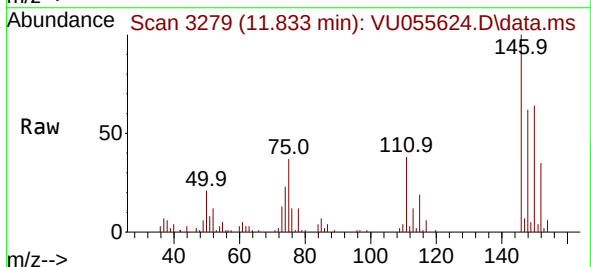
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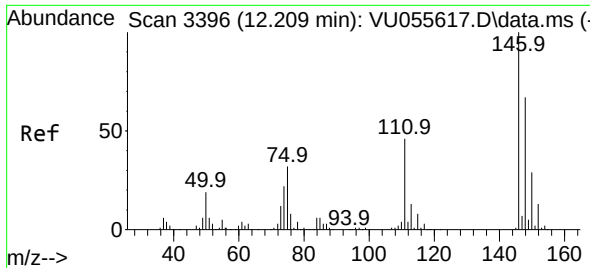
Tgt Ion:146 Resp: 11017
Ion Ratio Lower Upper
146 100
111 40.2 28.8 53.6
148 65.9 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 1.342 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU055624.D
Acq: 02 Oct 2023 23:48

Tgt Ion:146 Resp: 32050
Ion Ratio Lower Upper
146 100
111 38.3 29.0 53.8
148 61.9 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 0.185 ug/L

RT: 12.209 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU055624.D

Acq: 02 Oct 2023 23:48

Instrument :

MSVOA_U

ClientSampleId :

VIBLK148

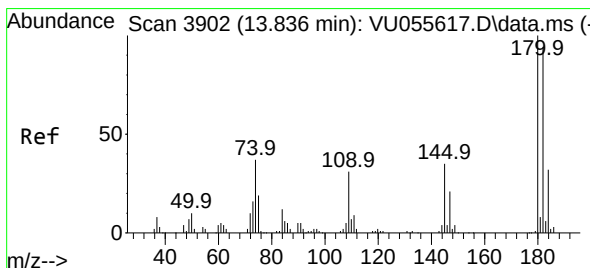
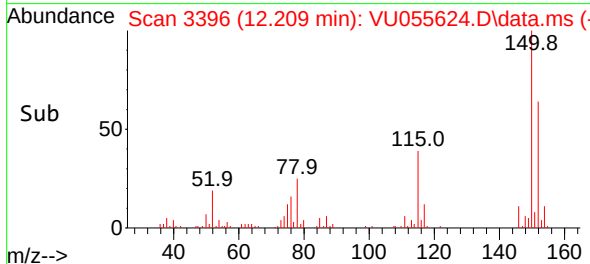
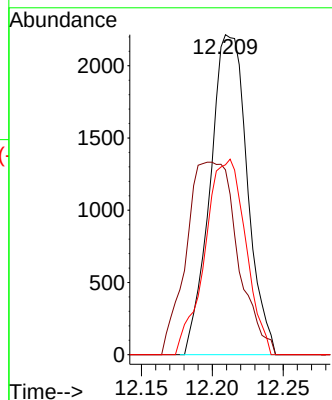
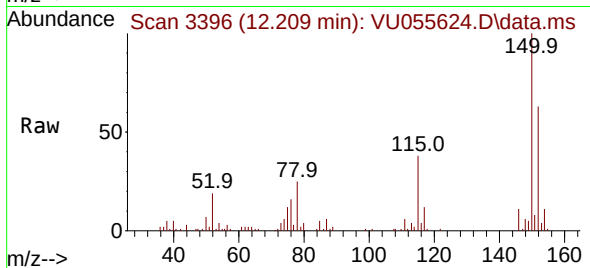
Tgt Ion:146 Resp: 4042

Ion Ratio Lower Upper

146 100

111 57.7 34.6 52.0#

148 59.4 51.8 77.8



#70

1,2,4-trichlorobenzene

Concen: 2.540 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.003 min

Lab File: VU055624.D

Acq: 02 Oct 2023 23:48

Tgt Ion:180 Resp: 31858

Ion Ratio Lower Upper

180 100

182 94.9 76.4 114.6

145 33.0 25.4 38.0

