

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062123\
 Data File : VU054633.D
 Acq On : 21 Jun 2023 11:04
 Operator : MD/SY
 Sample : 03326-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCA31

Quant Time: Jun 22 02:43:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 22 02:42:14 2023
 Response via : Initial Calibration

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

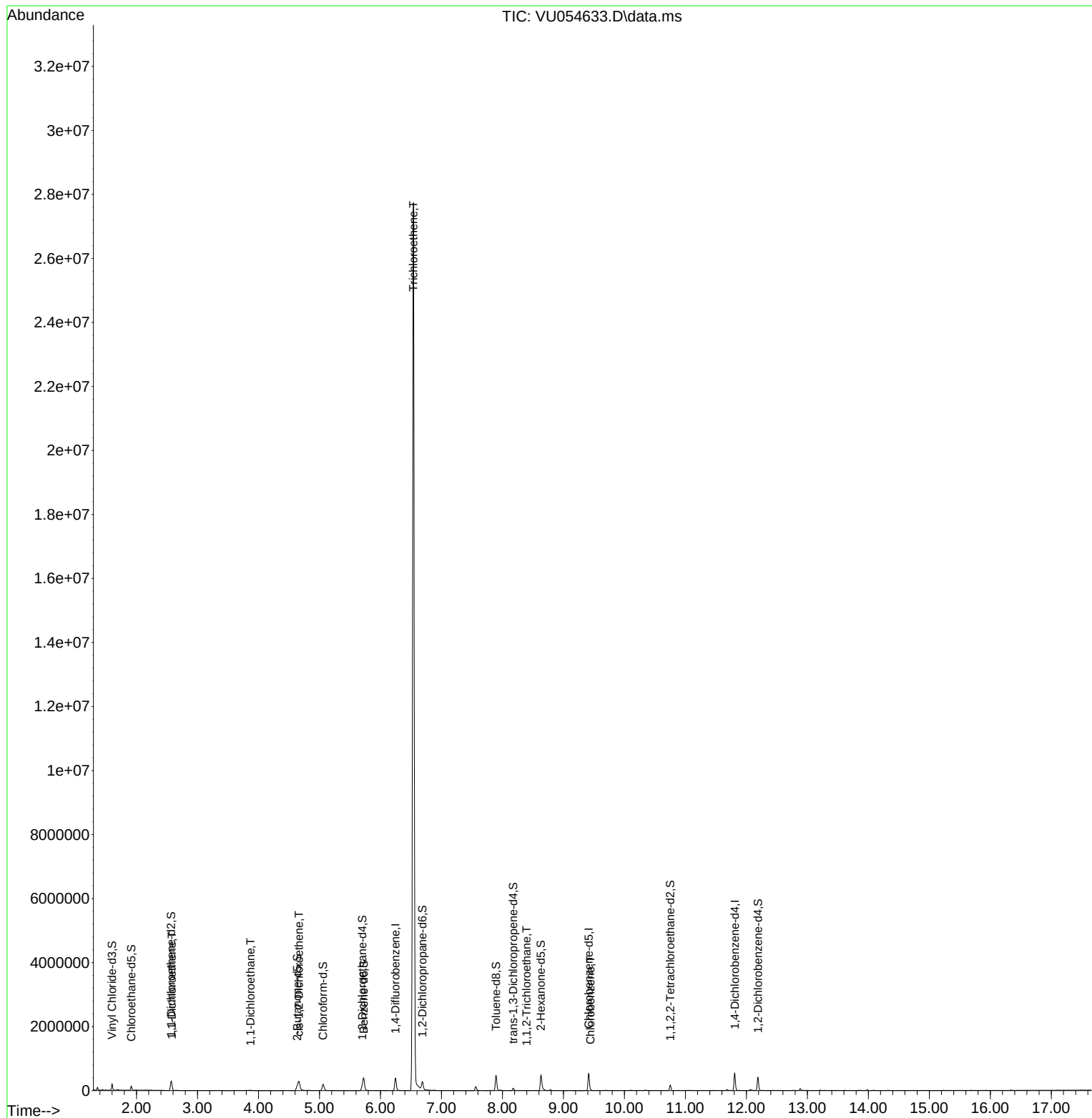
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	303576	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	292248	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	134432	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	122680	6.350	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	127.000%
7) Chloroethane-d5	1.914	69	95610	5.286	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.800%
11) 1,1-Dichloroethene-d2	2.566	65	46134	5.346	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.000%
20) 2-Butanone-d5	4.634	46	259254	47.728	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.460%
24) Chloroform-d	5.058	84	180018	4.458	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.701	65	92636	4.706	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	5.724	84	364788	4.490	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	6.689	67	120843	4.454	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.894	98	311217	4.317	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
43) trans-1,3-Dichloroprop...	8.177	79	43963	4.660	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.200%
46) 2-Hexanone-d5	8.631	63	165877	41.908	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.820%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	87533	4.327	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	105095	4.635	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.579	96	36788	1.671	ug/L	# 32
19) 1,1-Dichloroethane	3.869	63	15036	0.320	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	118540	4.579	ug/L	98
34) Trichloroethene	6.541	95	9688367	348.827	ug/L	93
45) 1,1,2-Trichloroethane	8.396	97	2555	0.141	ug/L	93
51) Chlorobenzene	9.444	112	9419	0.140	ug/L	94

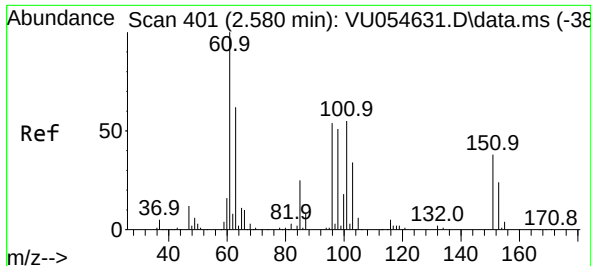
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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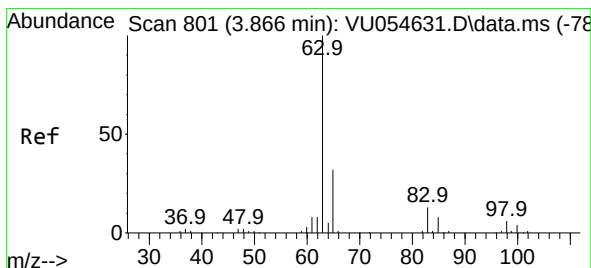
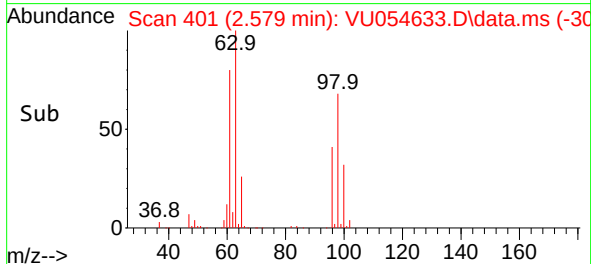
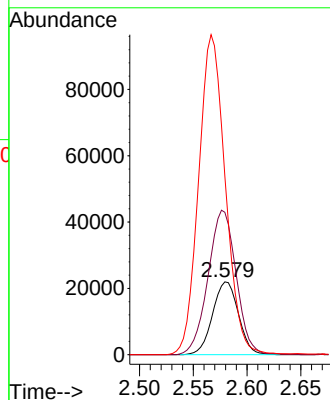
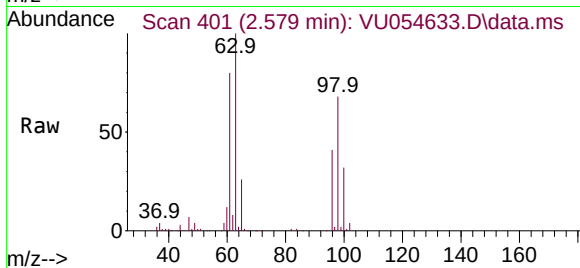




#12
1,1-Dichloroethene
Concen: 1.671 ug/L
RT: 2.579 min Scan# 401
Delta R.T. -0.000 min
Lab File: VU054633.D
Acq: 21 Jun 2023 11:04

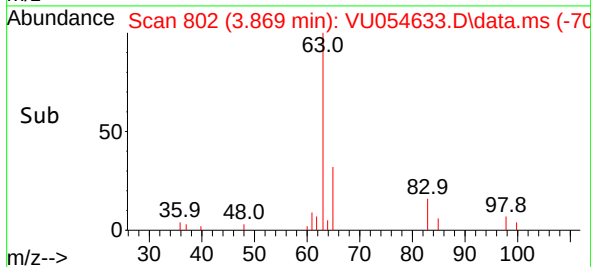
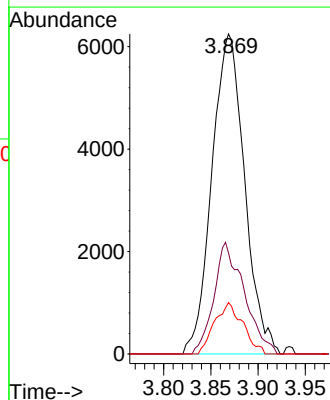
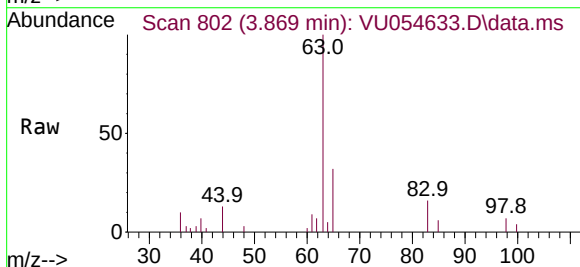
Instrument :
MSVOA_U
ClientSampleId :
GCA31

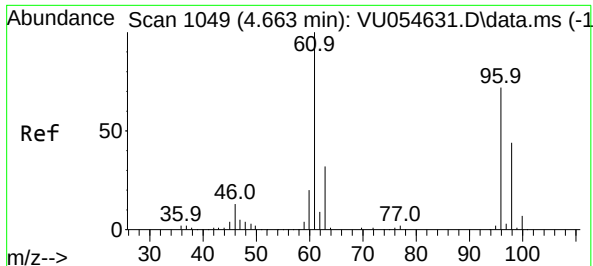
Tgt Ion: 96 Resp: 36788
Ion Ratio Lower Upper
96 100
61 195.6 119.9 222.7
63 245.4 64.3 119.3#



#19
1,1-Dichloroethane
Concen: 0.320 ug/L
RT: 3.869 min Scan# 802
Delta R.T. 0.003 min
Lab File: VU054633.D
Acq: 21 Jun 2023 11:04

Tgt Ion: 63 Resp: 15036
Ion Ratio Lower Upper
63 100
65 31.5 22.2 41.2
83 16.0 9.0 16.6

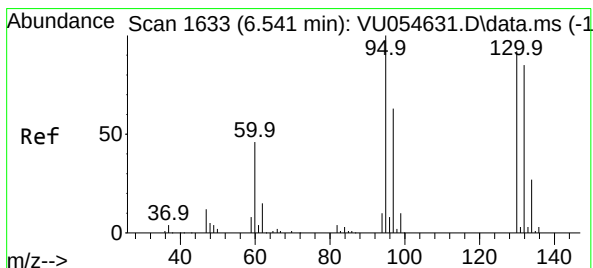
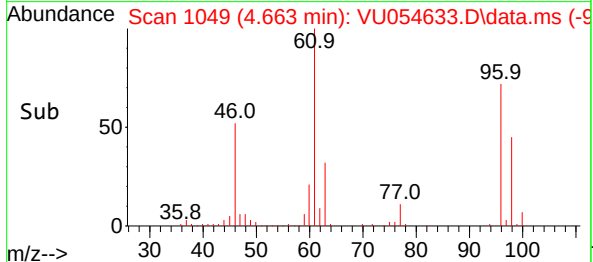
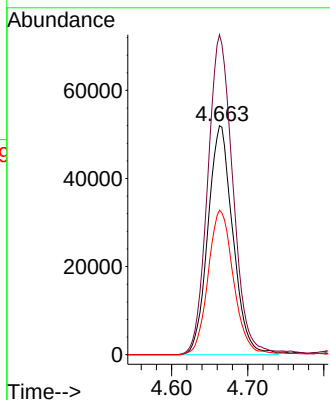
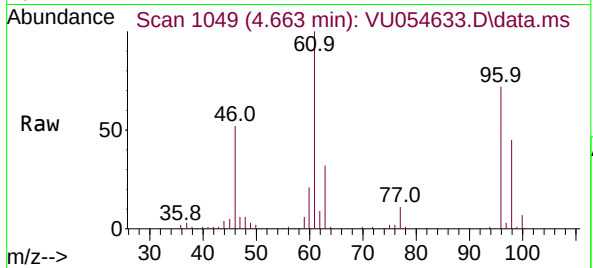




#22
 cis-1,2-Dichloroethene
 Concen: 4.579 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.000 min
 Lab File: VU054633.D
 Acq: 21 Jun 2023 11:04

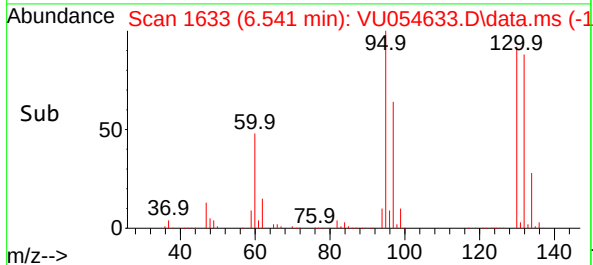
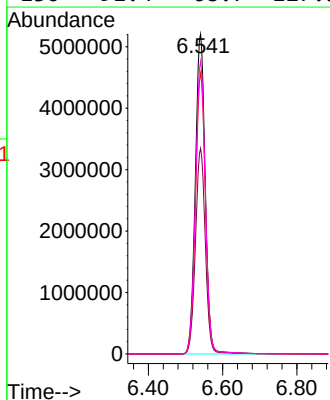
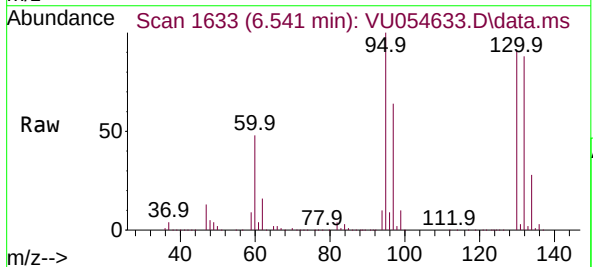
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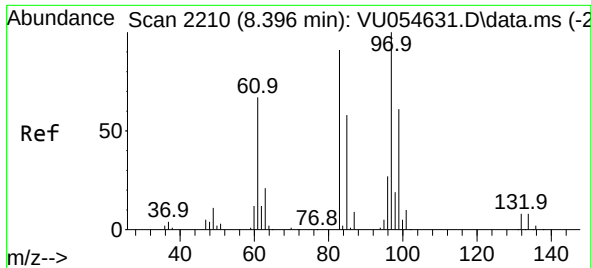
Tgt Ion: 96 Resp: 118540
 Ion Ratio Lower Upper
 96 100
 61 139.8 96.5 179.1
 98 63.1 44.9 83.3



#34
 Trichloroethene
 Concen: 348.827 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. -0.000 min
 Lab File: VU054633.D
 Acq: 21 Jun 2023 11:04

Tgt Ion: 95 Resp: 9688367
 Ion Ratio Lower Upper
 95 100
 97 64.2 46.8 87.0
 132 87.7 68.4 127.0
 130 91.4 68.7 127.5

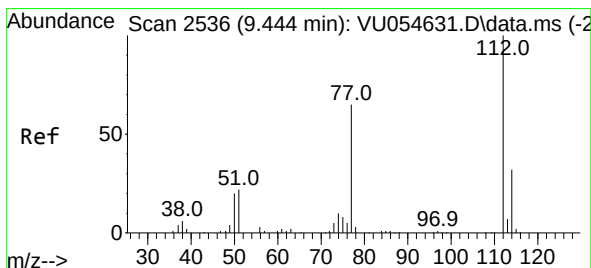
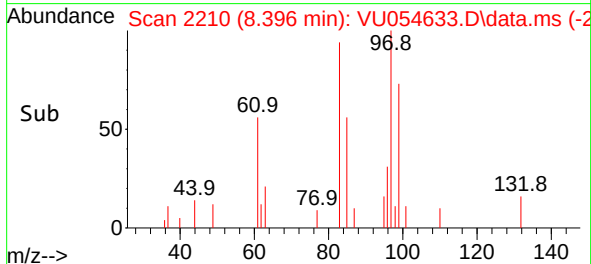
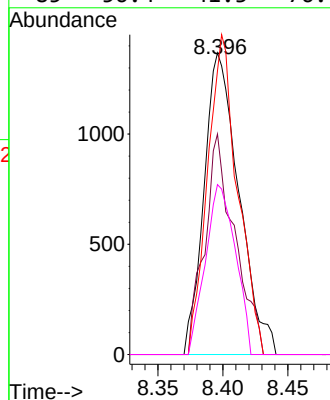
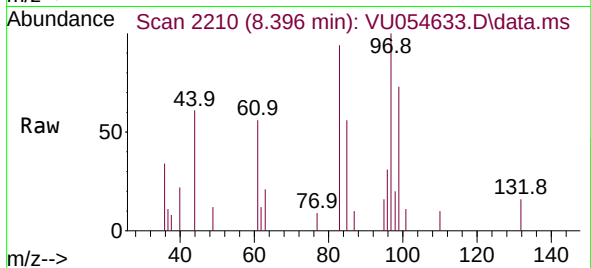




#45
1,1,2-Trichloroethane
Concen: 0.141 ug/L
RT: 8.396 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU054633.D
Acq: 21 Jun 2023 11:04

Instrument :
MSVOA_U
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Tgt Ion:	97	Resp:	2555
Ion	Ratio	Lower	Upper
97	100		
99	73.1	43.0	80.0
83	94.1	63.8	118.6
85	56.4	41.3	76.7



#51
Chlorobenzene
Concen: 0.140 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. -0.000 min
Lab File: VU054633.D
Acq: 21 Jun 2023 11:04

Tgt Ion:	112	Resp:	9419
Ion	Ratio	Lower	Upper
112	100		
114	35.9	22.7	42.1
77	67.2	49.8	74.8

