

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072822\
 Data File : VU050006.D
 Acq On : 29 Jul 2022 00:10
 Operator : SY/MD
 Sample : N3879-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

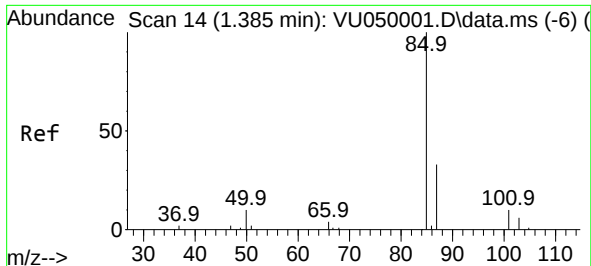
Instrument :
 MSVOA_U
 ClientSampleId :
 DBUJ0

Quant Time: Jul 29 06:40:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 29 05:04:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	80069	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	82509	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	30881	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	30242	4.399	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.000%	
7) Chloroethane-d5	1.912	69	25770	5.219	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	104.400%	
11) 1,1-Dichloroethene-d2	2.562	65	11768	4.967	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	99.400%	
20) 2-Butanone-d5	4.658	46	77174	50.429	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.860%	
24) Chloroform-d	5.063	84	57101	5.019	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.400%	
26) 1,2-Dichloroethane-d4	5.706	65	31054	5.417	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	108.400%	
32) Benzene-d6	5.726	84	111825	4.587	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.800%	
36) 1,2-Dichloropropane-d6	6.694	67	39195	4.907	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.200%	
41) Toluene-d8	7.899	98	88712	4.094	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.800%	
43) trans-1,3-Dichloroprop...	8.182	79	12243	4.373	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.400%	
46) 2-Hexanone-d5	8.642	63	46892	44.746	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	89.500%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	35696	5.319	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	106.400%	
66) 1,2-Dichlorobenzene-d4	12.195	152	29896	5.219	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	1082	0.175	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	272	0.057	ug/L #	21
22) cis-1,2-Dichloroethene	4.661	96	2087	0.359	ug/L	86
34) Trichloroethene	6.539	95	4626	0.790	ug/L	98
35) Methylcyclohexane	6.694	83	8910	1.154	ug/L #	21
47) Tetrachloroethene	8.552	164	15627	3.709	ug/L	99
48) 2-Hexanone	8.690	43	16635	5.691	ug/L #	91
49) Dibromochloromethane	8.552	129	15009	2.766	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	3655	1.019	ug/L #	66

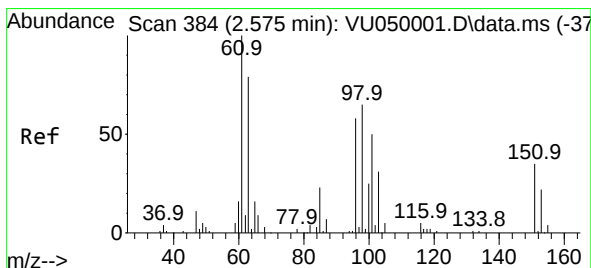
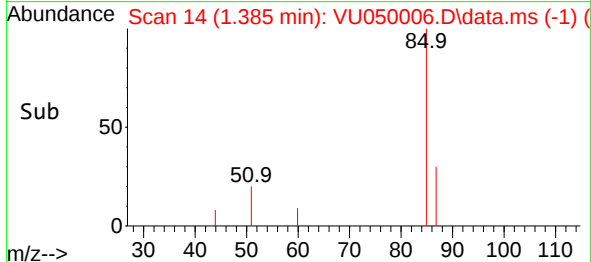
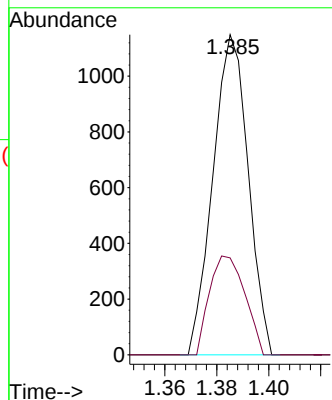
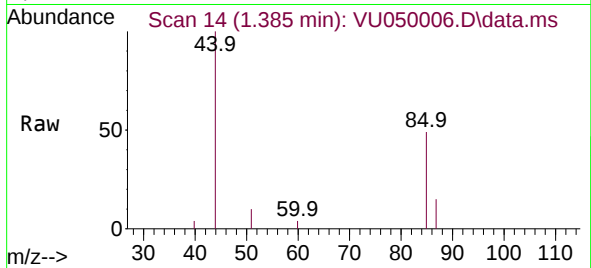
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 0.175 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU050006.D
Acq: 29 Jul 2022 00:10

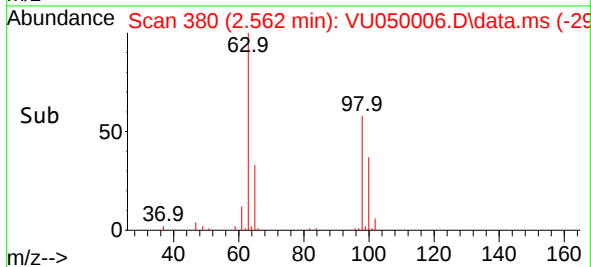
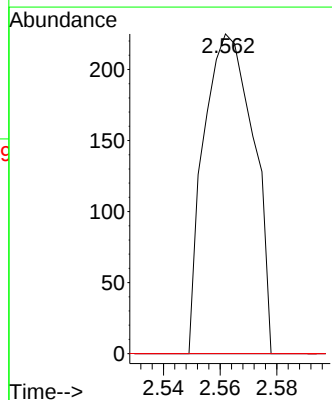
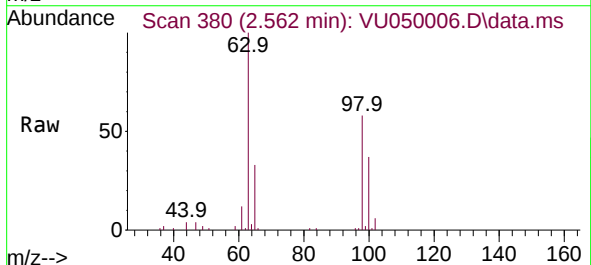
Instrument :
MSVOA_U
ClientSampleId :
DBUJ0

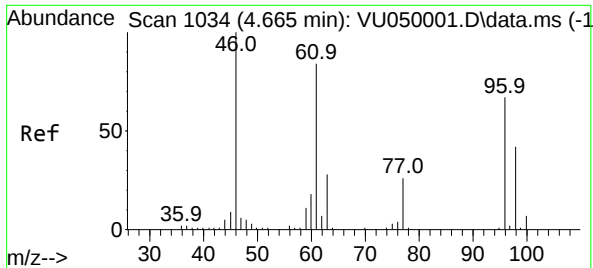
Tgt Ion: 85 Resp: 1082
Ion Ratio Lower Upper
85 100
87 31.0 25.7 38.5



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.057 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.013 min
Lab File: VU050006.D
Acq: 29 Jul 2022 00:10

Tgt Ion:101 Resp: 272
Ion Ratio Lower Upper
101 100
85 0.0 34.1 51.1#
151 0.0 56.6 85.0#





#22

cis-1,2-Dichloroethene

Concen: 0.359 ug/L

RT: 4.661 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU050006.D

Acq: 29 Jul 2022 00:10

Instrument :

MSVOA_U

ClientSampleId :

DBUJ0

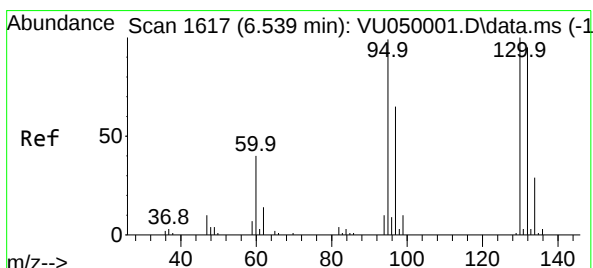
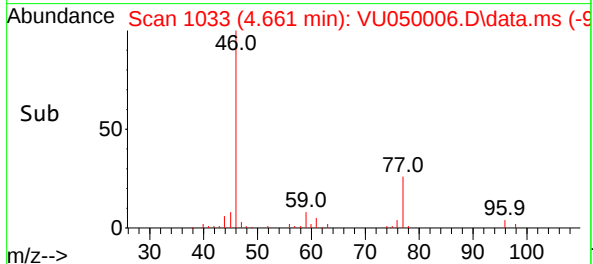
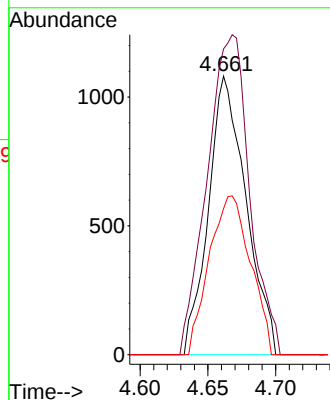
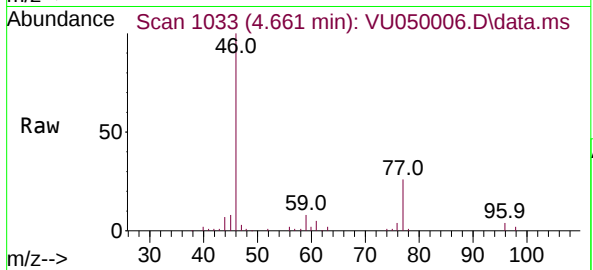
Tgt Ion: 96 Resp: 2087

Ion Ratio Lower Upper

96 100

61 109.8 87.2 161.9

98 52.5 44.7 83.1



#34

Trichloroethene

Concen: 0.790 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VU050006.D

Acq: 29 Jul 2022 00:10

Tgt Ion: 95 Resp: 4626

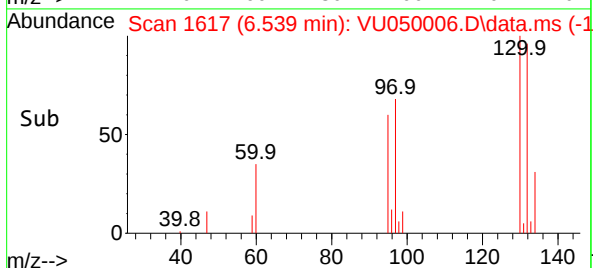
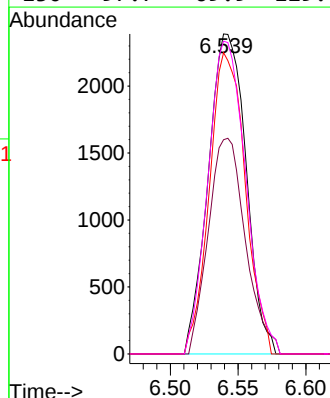
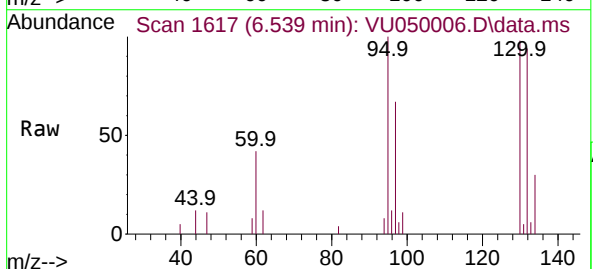
Ion Ratio Lower Upper

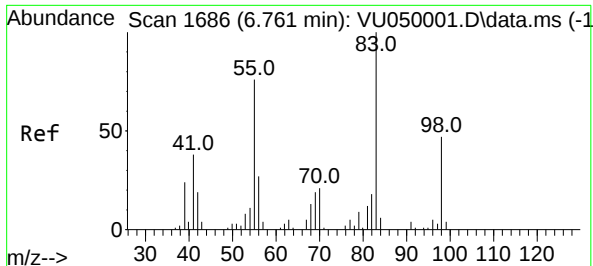
95 100

97 66.9 45.6 84.8

132 94.1 66.8 124.2

130 97.7 69.9 129.7

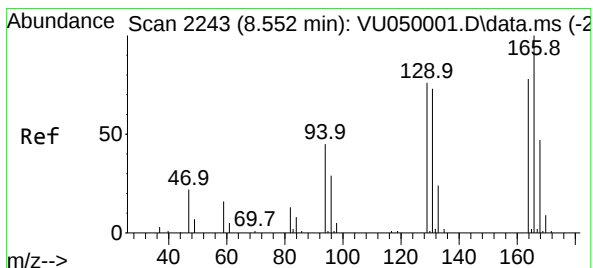
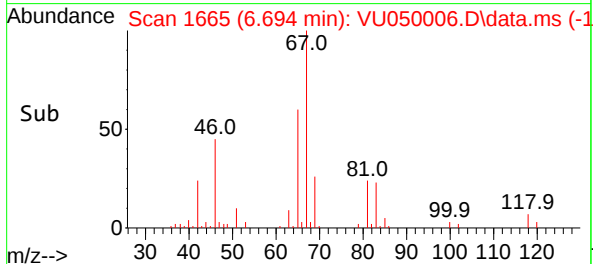
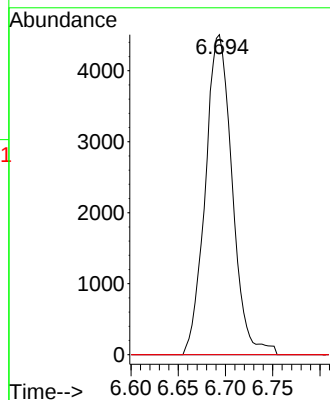
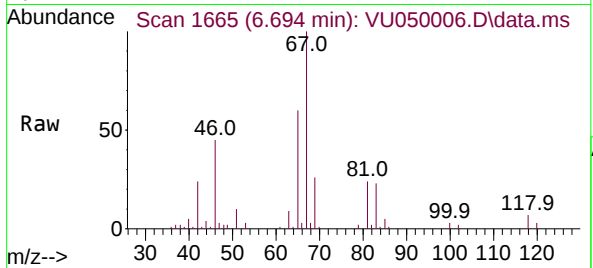




#35
Methylcyclohexane
Concen: 1.154 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.067 min
Lab File: VU050006.D
Acq: 29 Jul 2022 00:10

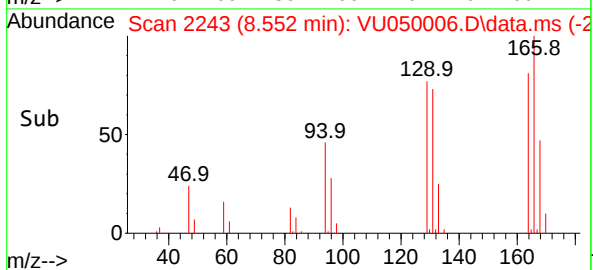
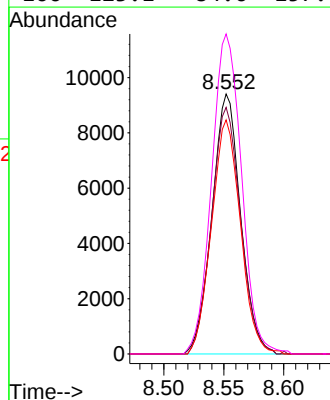
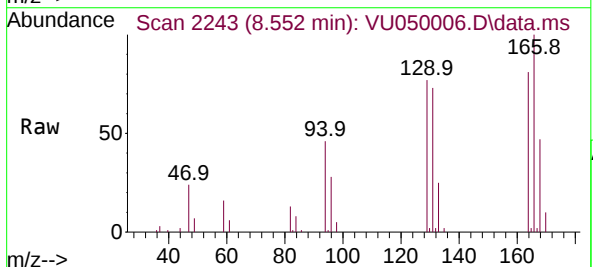
Instrument :
MSVOA_U
ClientSampleId :
DBUJ0

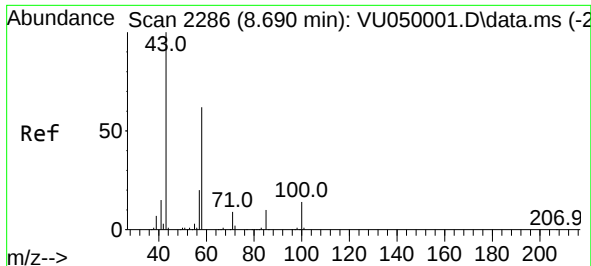
Tgt Ion: 83 Resp: 8910
Ion Ratio Lower Upper
83 100
55 0.0 61.6 92.4#
98 4.5 34.8 52.2#



#47
Tetrachloroethene
Concen: 3.709 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU050006.D
Acq: 29 Jul 2022 00:10

Tgt Ion: 164 Resp: 15627
Ion Ratio Lower Upper
164 100
129 94.9 66.3 123.1
131 90.0 63.1 117.1
166 123.1 84.6 157.0

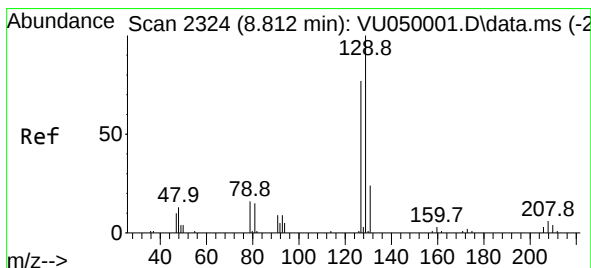
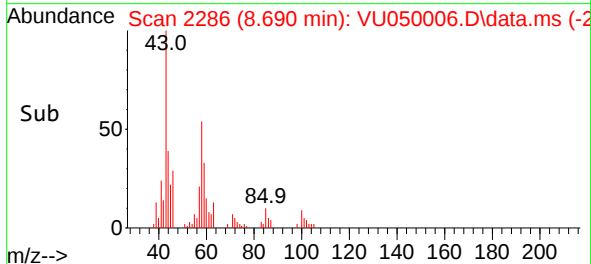
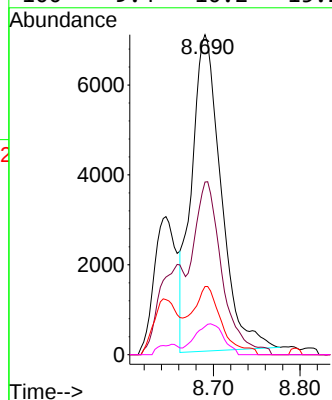
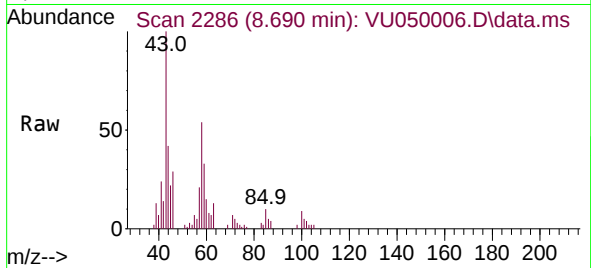




#48
2-Hexanone
Concen: 5.691 ug/L
RT: 8.690 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050006.D
Acq: 29 Jul 2022 00:10

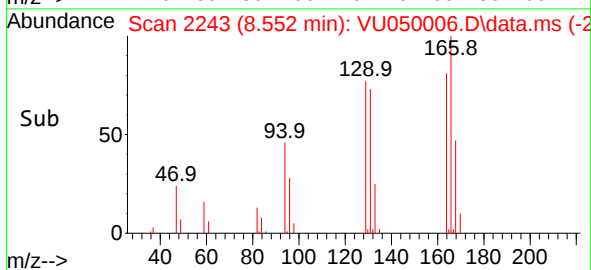
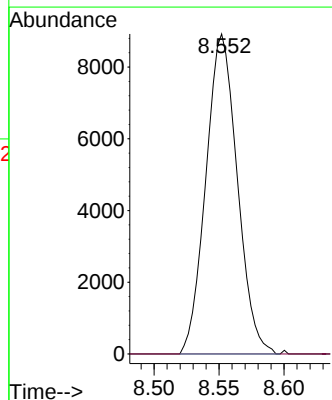
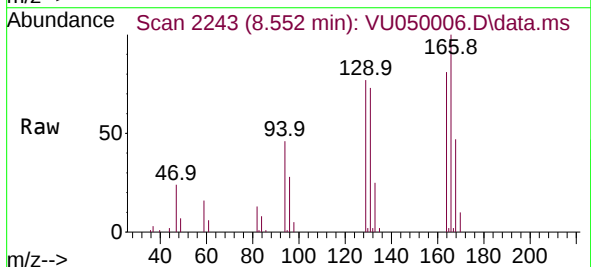
Instrument :
MSVOA_U
ClientSampleId :
DBUJ0

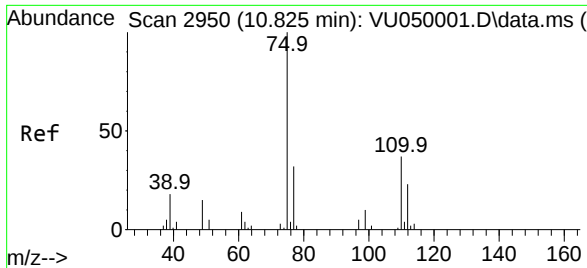
Tgt Ion: 43 Resp: 16635
Ion Ratio Lower Upper
43 100
58 52.7 49.4 74.0
57 20.5 17.0 25.4
100 9.4 10.2 15.2#



#49
Dibromochloromethane
Concen: 2.766 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.260 min
Lab File: VU050006.D
Acq: 29 Jul 2022 00:10

Tgt Ion: 129 Resp: 15009
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.019 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU050006.D
 Acq: 29 Jul 2022 00:10

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUJ0

Tgt Ion: 75 Resp: 3655
 Ion Ratio Lower Upper
 75 100
 110 0.0 28.1 42.1#
 77 28.2 24.7 37.1

