

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071322\
 Data File : VU049704.D
 Acq On : 13 Jul 2022 15:49
 Operator : SY/MD
 Sample : N3700-22
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK002

Quant Time: Jul 14 05:09:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 14 05:07:30 2022
 Response via : Initial Calibration

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

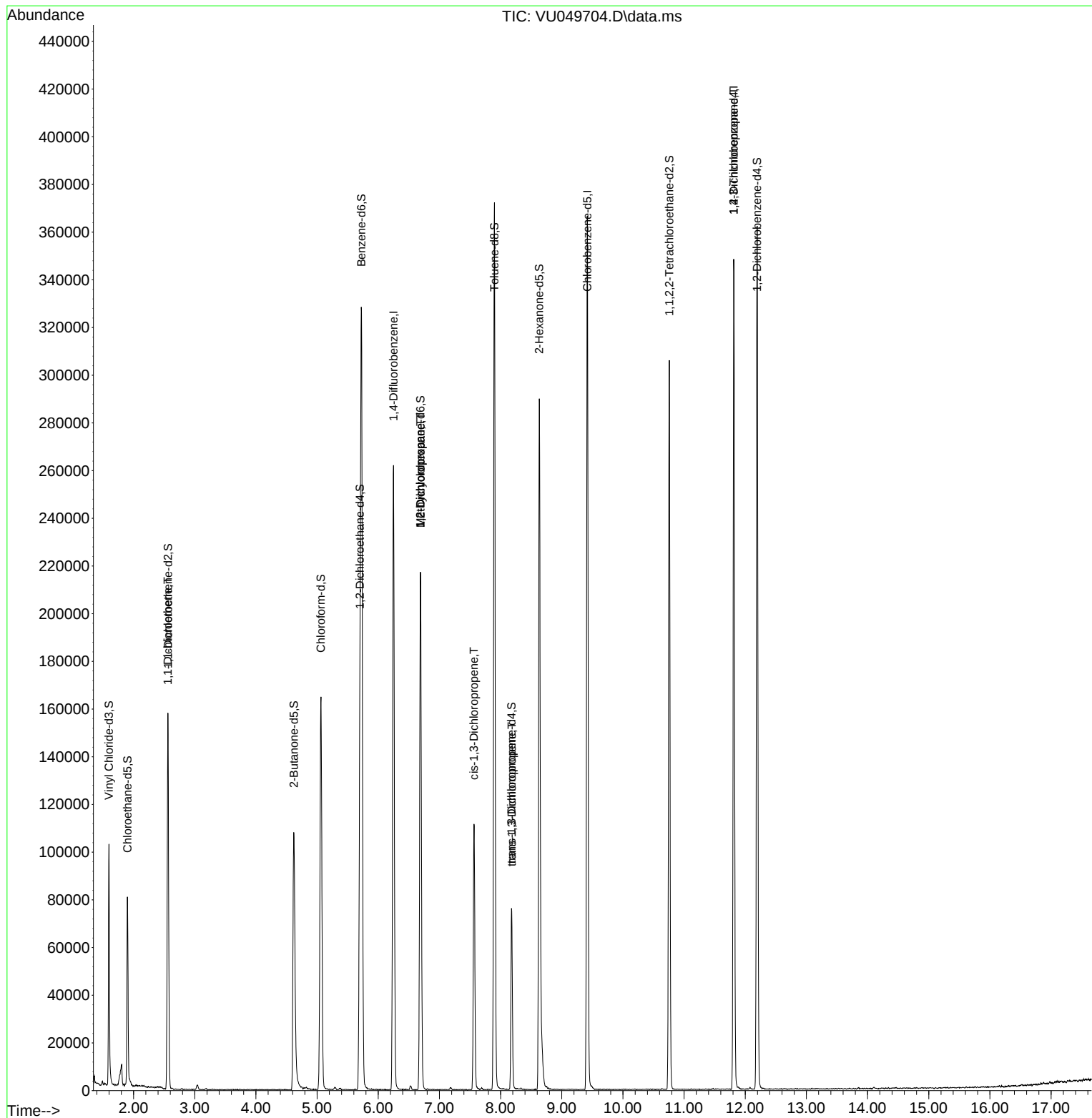
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	199979	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	193158	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	86826	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	72836	43.167	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.340%
7) Chloroethane-d5	1.899	69	55460	45.472	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.940%
11) 1,1-Dichloroethene-d2	2.562	63	94878	31.834	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.660%
21) 2-Butanone-d5	4.620	46	162276	112.660	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.660%
24) Chloroform-d	5.063	84	149653	50.076	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.160%
26) 1,2-Dichloroethane-d4	5.700	65	105445	52.133	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.260%
32) Benzene-d6	5.726	84	283741	48.353	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.700%
36) 1,2-Dichloropropane-d6	6.690	67	101457	51.403	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.800%
41) Toluene-d8	7.899	98	238931	46.756	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.520%
43) trans-1,3-Dichloroprop...	8.179	79	41696	50.140	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.280%
47) 2-Hexanone-d5	8.632	63	91710	103.294	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.290%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	148023	53.598	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	88699	54.182	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.360%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.559	96	671	0.469	ug/L #	1
35) Methylcyclohexane	6.690	83	22847	8.284	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	11591	5.760	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	2990	1.102	ug/L #	71
44) trans-1,3-Dichloropropene	8.182	75	1910	0.749	ug/L	92
60) 1,2,3-Trichloropropane	11.812	75	11628	5.028	ug/L #	65

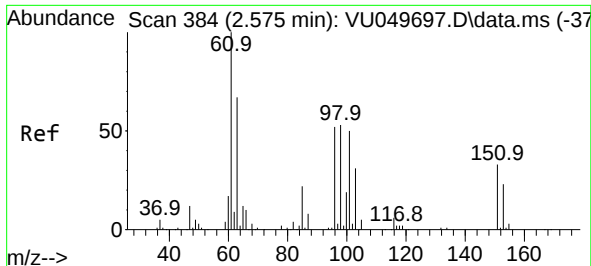
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jul 14 05:07:30 2022
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#12

1,1-Dichloroethene

Concen: 0.469 ug/L

RT: 2.559 min Scan# 31

Delta R.T. -0.016 min

Lab File: VU049704.D

Acq: 13 Jul 2022 15:49

Instrument :

MSVOA_U

ClientSampleId :

VHBLK002

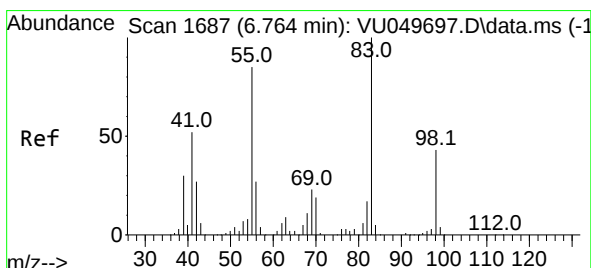
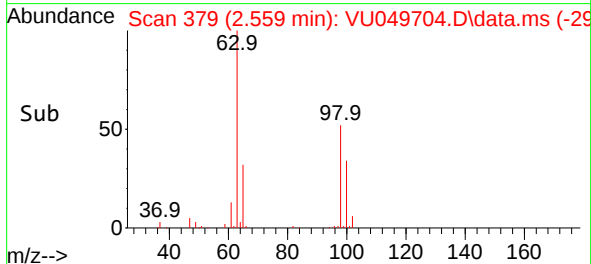
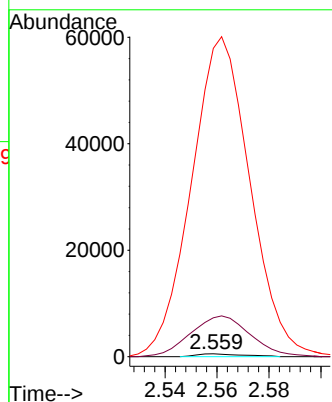
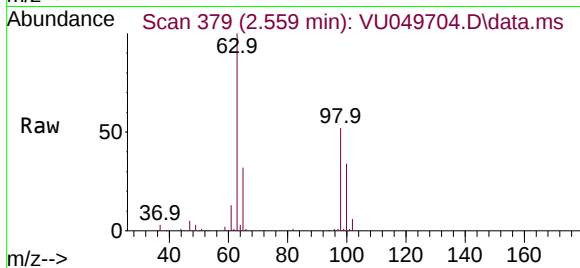
Tgt Ion: 96 Resp: 671

Ion Ratio Lower Upper

96 100

61 1362.6 129.6 240.6#

63 10785.8 79.0 146.6#



#35

Methylcyclohexane

Concen: 8.284 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.074 min

Lab File: VU049704.D

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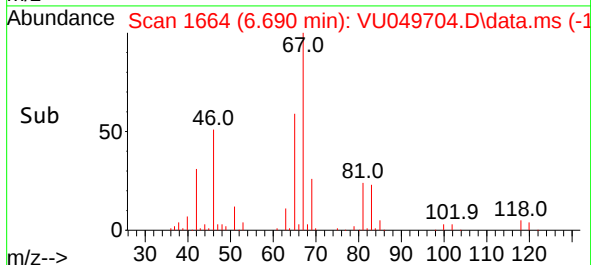
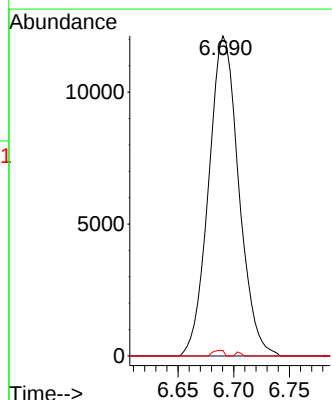
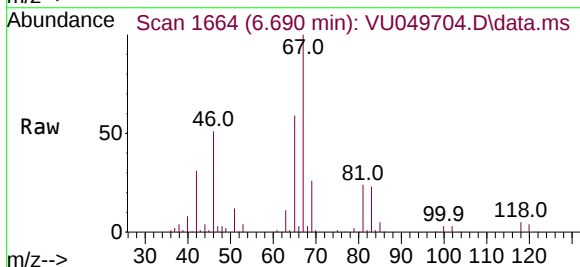
Tgt Ion: 83 Resp: 22847

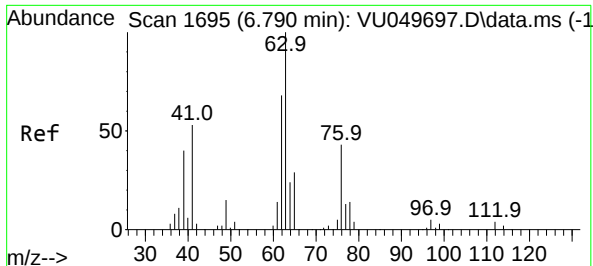
Ion Ratio Lower Upper

83 100

55 0.0 66.0 99.0#

98 0.6 34.6 51.8#

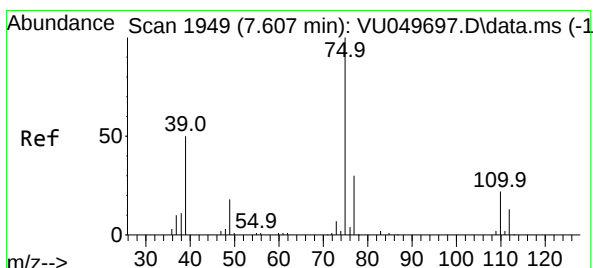
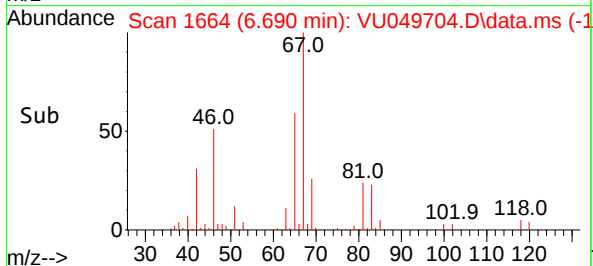
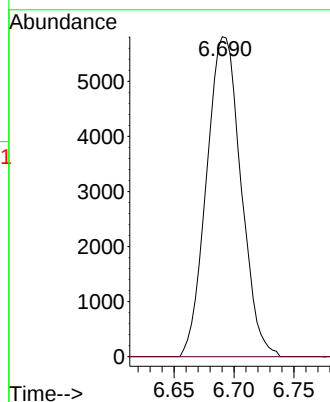
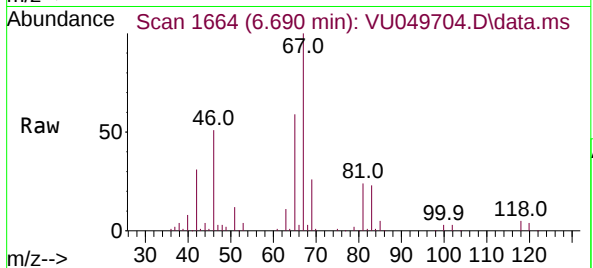




#37
1,2-Dichloropropane
Concen: 5.760 ug/L
RT: 6.690 min Scan# 11591
Delta R.T. -0.100 min
Lab File: VU049704.D
Acq: 13 Jul 2022 15:49

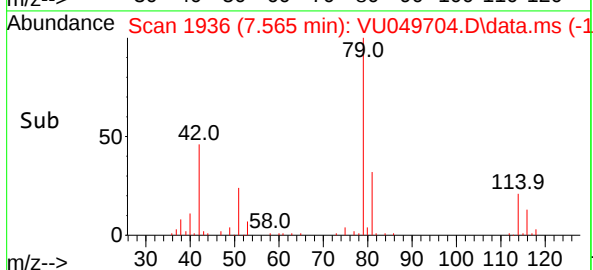
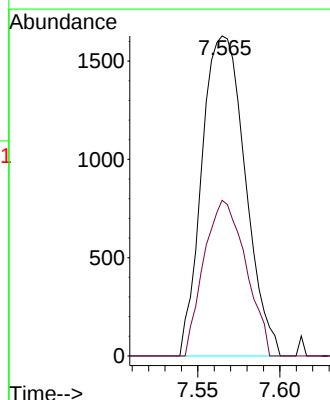
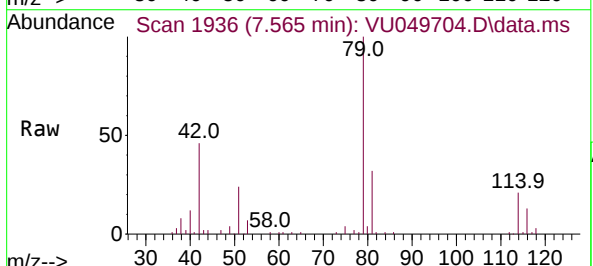
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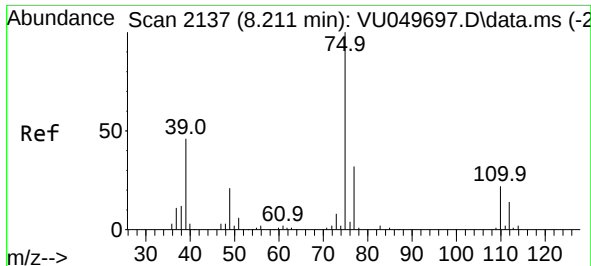
Tgt Ion: 63 Resp: 11591
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#



#39
cis-1,3-Dichloropropene
Concen: 1.102 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.042 min
Lab File: VU049704.D
Acq: 13 Jul 2022 15:49

Tgt Ion: 75 Resp: 2990
Ion Ratio Lower Upper
75 100
77 48.6 22.6 42.0#

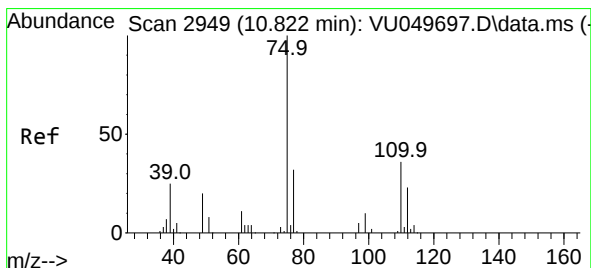
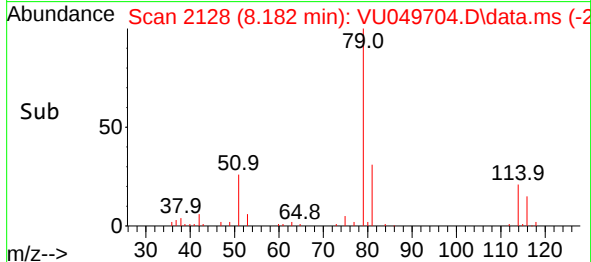
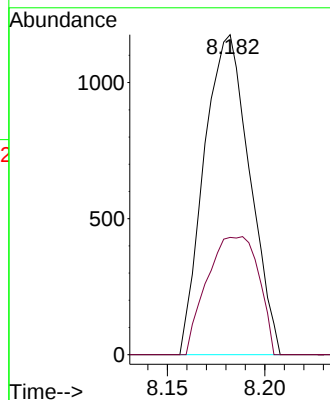
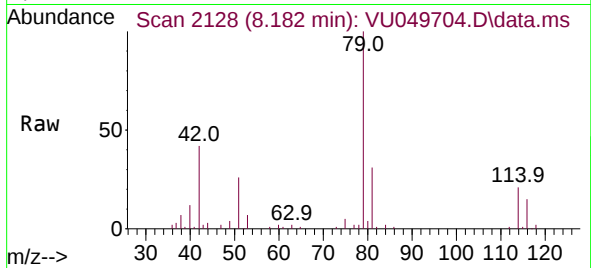




#44
trans-1,3-Dichloropropene
Concen: 0.749 ug/L
RT: 8.182 min Scan# 2137
Delta R.T. -0.029 min
Lab File: VU049704.D
Acq: 13 Jul 2022 15:49

Instrument :
MSVOA_U
ClientSampleId :
VHBLK002

Tgt Ion: 75 Resp: 1910
Ion Ratio Lower Upper
75 100
77 36.6 22.5 41.9



#60
1,2,3-Trichloropropane
Concen: 5.028 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU049704.D
Acq: 13 Jul 2022 15:49

Tgt Ion: 75 Resp: 11628
Ion Ratio Lower Upper
75 100
77 35.8 25.5 38.3
110 1.4 28.9 43.3#

