

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121223\
 Data File : VU056814.D
 Acq On : 13 Dec 2023 03:49
 Operator : MD/SY
 Sample : 05627-04DL 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCLC0DL

Quant Time: Dec 13 05:01:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 13 01:32:29 2023
 Response via : Initial Calibration

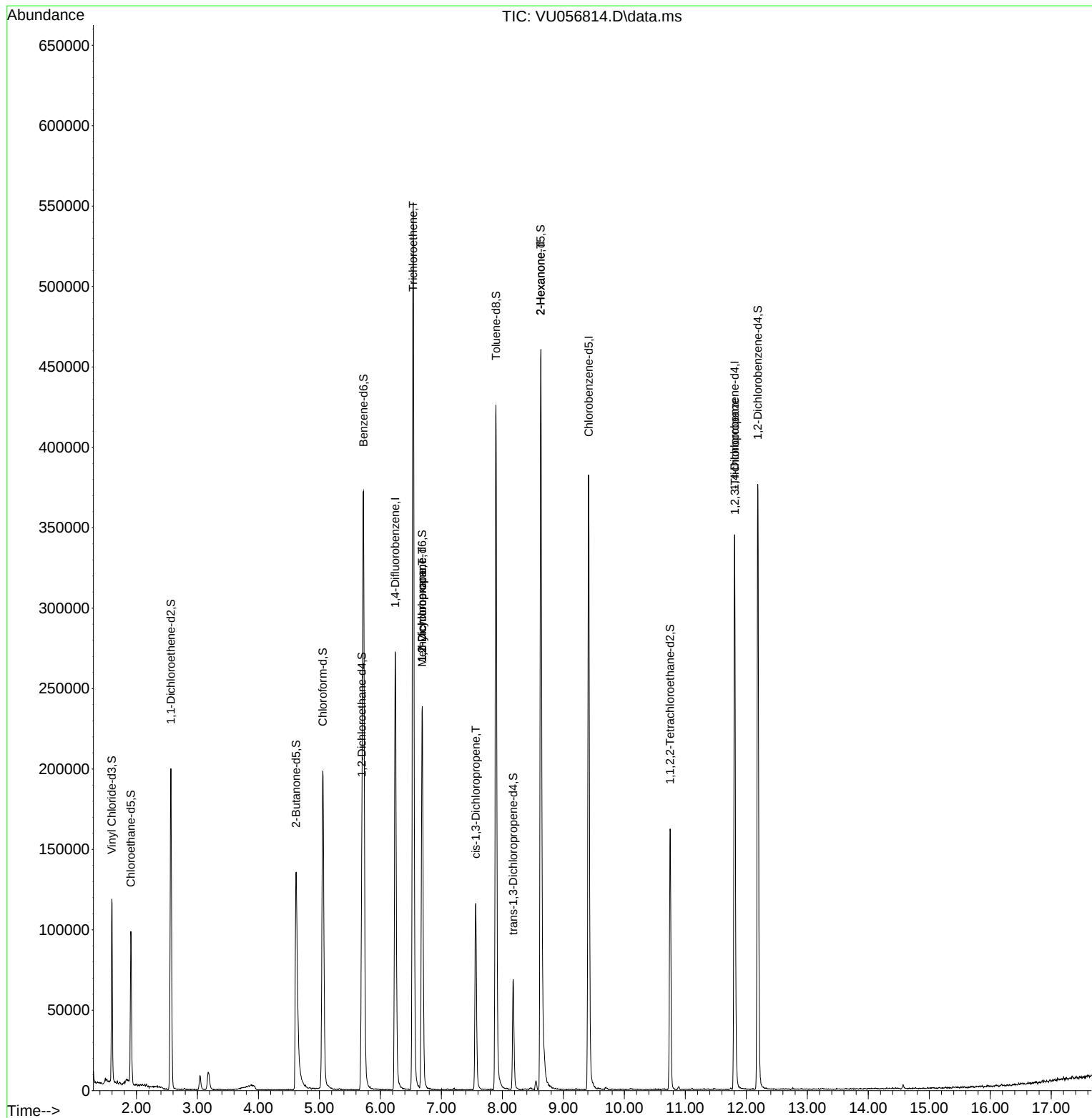
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	225052	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	226556	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	92825	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	81722	4.236	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.800%	
7) Chloroethane-d5	1.908	69	71228	4.934	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.600%	
11) 1,1-Dichloroethene-d2	2.563	65	38054	4.611	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.200%	
20) 2-Butanone-d5	4.618	46	209808	55.073	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	110.140%	
24) Chloroform-d	5.055	84	188665	5.165	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.200%	
26) 1,2-Dichloroethane-d4	5.695	65	93427	5.405	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	108.000%	
32) Benzene-d6	5.721	84	363685	5.175	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.600%	
36) 1,2-Dichloropropane-d6	6.685	67	118903	5.406	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	108.200%	
41) Toluene-d8	7.894	98	299083	4.762	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.200%	
43) trans-1,3-Dichloroprop...	8.177	79	40863	4.791	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.800%	
46) 2-Hexanone-d5	8.627	63	159282	49.512	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	99.020%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	82174	5.164	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.200%	
66) 1,2-Dichlorobenzene-d4	12.187	152	98478	5.397	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.000%	
Target Compounds						
					Qvalue	
34) Trichloroethene	6.538	95	202983	9.294	ug/L	96
35) Methylcyclohexane	6.682	83	26957	0.836	ug/L #	21
37) 1,2-Dichloropropane	6.685	63	11809	0.580	ug/L #	88
39) cis-1,3-Dichloropropene	7.563	75	3695	0.124	ug/L	83
48) 2-Hexanone	8.627	43	19609	2.847	ug/L #	80
61) 1,2,3-Trichloropropane	11.811	75	11504	1.154	ug/L #	67

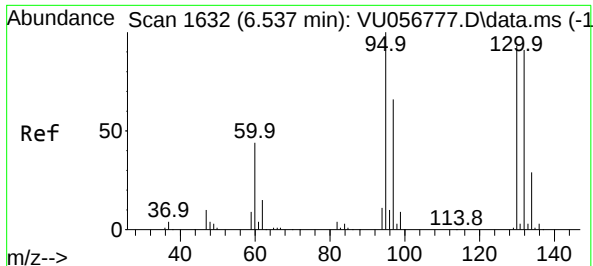
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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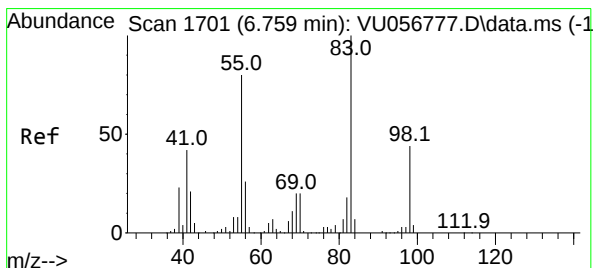
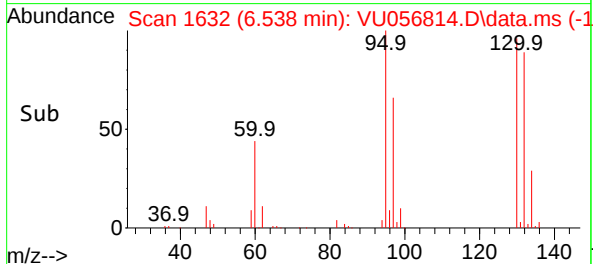
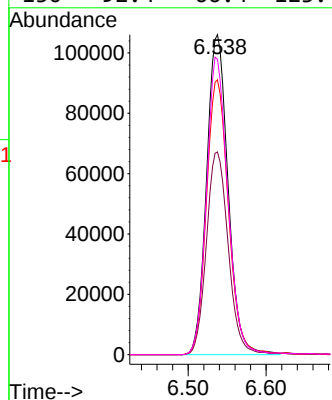
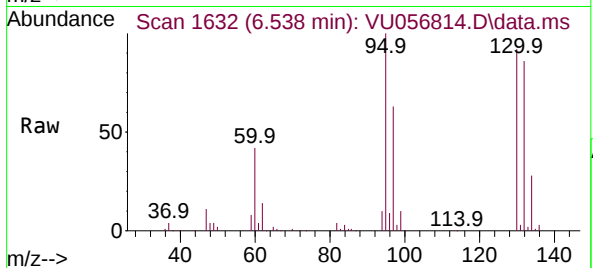


#34
Trichloroethene
Concen: 9.294 ug/L
RT: 6.538 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU056814.D
Acq: 13 Dec 2023 03:49

Instrument :
MSVOA_U
ClientSampleId :
DCLC0DL

Tgt Ion: 95 Resp: 202983

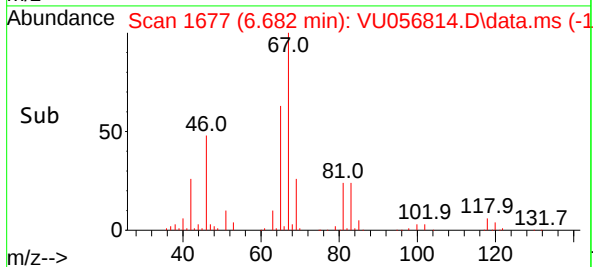
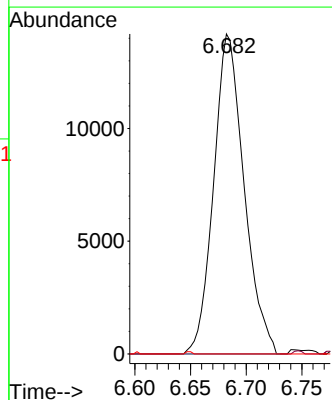
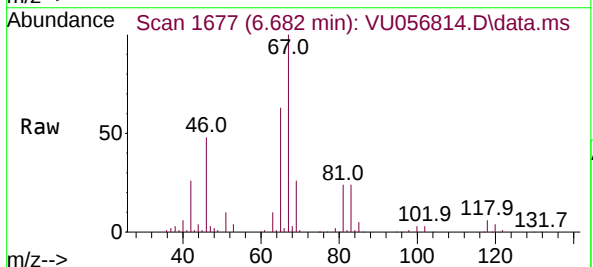
Ion	Ratio	Lower	Upper
95	100		
97	63.3	46.1	85.5
132	85.9	63.6	118.0
130	92.4	66.4	123.4

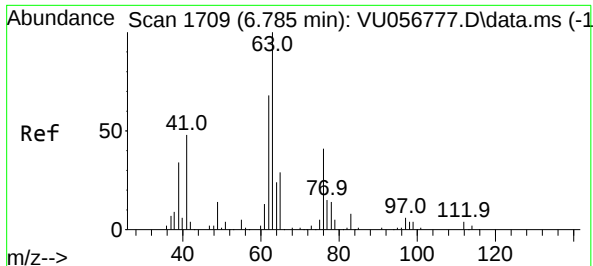


#35
Methylcyclohexane
Concen: 0.836 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU056814.D
Acq: 13 Dec 2023 03:49

Tgt Ion: 83 Resp: 26957

Ion	Ratio	Lower	Upper
83	100		
55	0.3	64.6	97.0#
98	7.5	36.1	54.1#





#37

1,2-Dichloropropane

Concen: 0.580 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU056814.D

Acq: 13 Dec 2023 03:49

Instrument :

MSVOA_U

ClientSampleId :

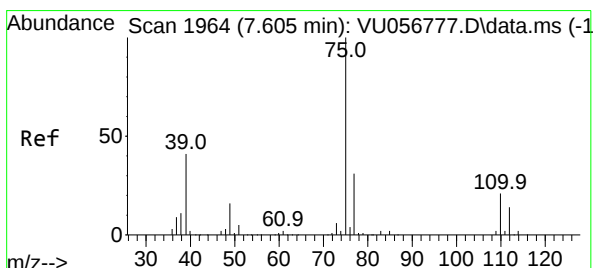
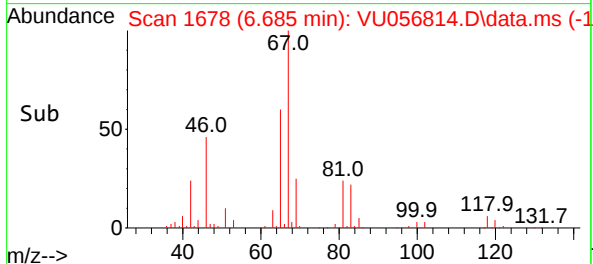
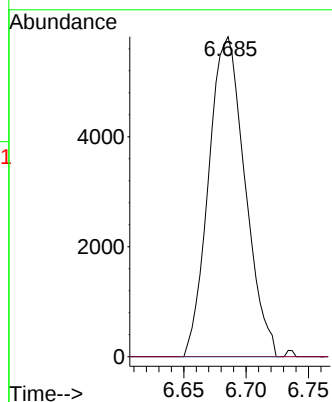
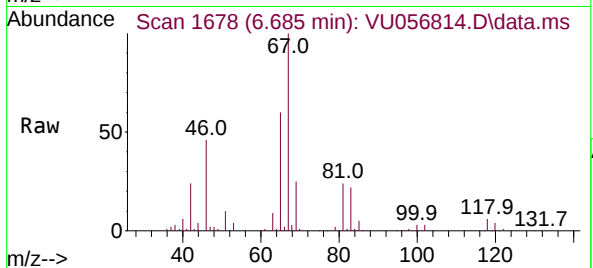
DCLC0DL

Tgt Ion: 63 Resp: 11809

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#39

cis-1,3-Dichloropropene

Concen: 0.124 ug/L

RT: 7.563 min Scan# 1951

Delta R.T. -0.038 min

Lab File: VU056814.D

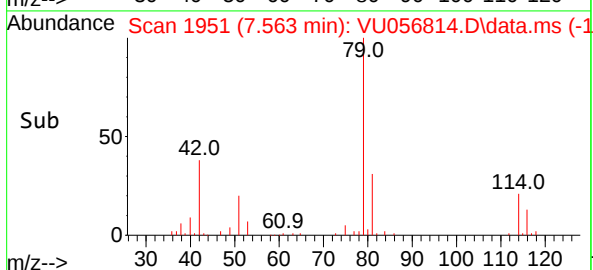
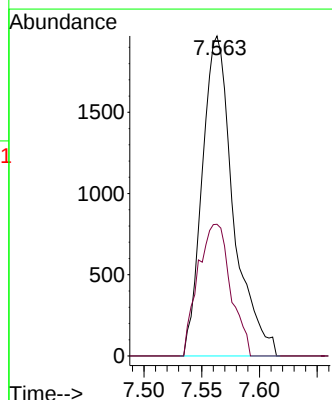
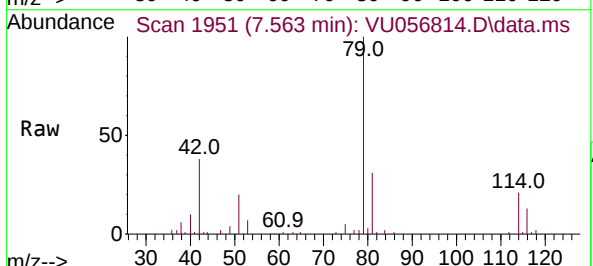
Acq: 13 Dec 2023 03:49

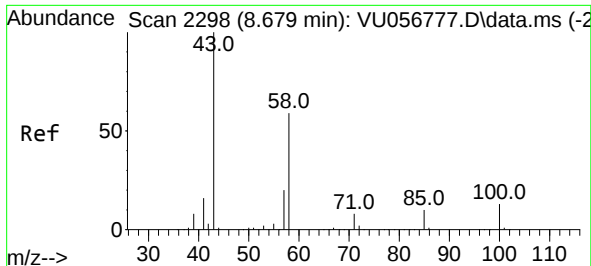
Tgt Ion: 75 Resp: 3695

Ion Ratio Lower Upper

75 100

77 41.2 22.3 41.5

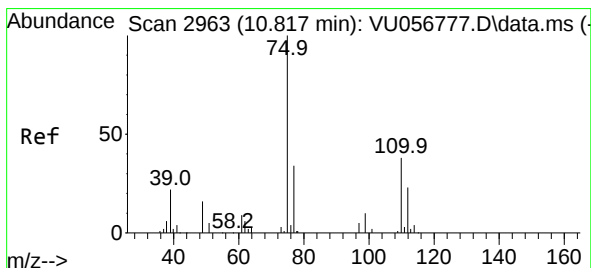
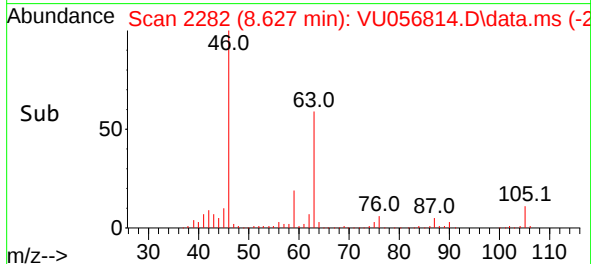
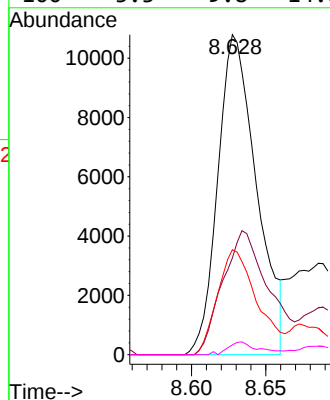
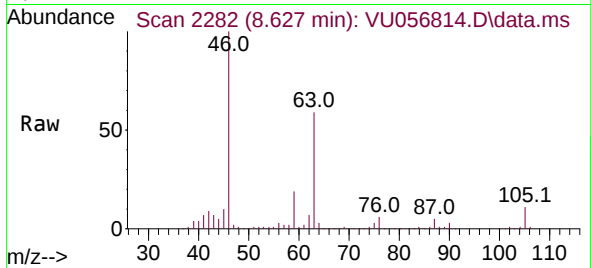




#48
2-Hexanone
Concen: 2.847 ug/L
RT: 8.627 min Scan# 21
Delta R.T. -0.051 min
Lab File: VU056814.D
Acq: 13 Dec 2023 03:49

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MSVOA_U
ClientSampleId :
DCLC0DL

Tgt Ion: 43	Resp:	19609
Ion Ratio	Lower	Upper
43	100	
58	46.3	47.5 71.3#
57	33.8	17.0 25.4#
100	3.3	9.8 14.8#



#61
1,2,3-Trichloropropane
Concen: 1.154 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.994 min
Lab File: VU056814.D
Acq: 13 Dec 2023 03:49

Tgt Ion: 75	Resp:	11504
Ion Ratio	Lower	Upper
75	100	
110	1.2	28.4 42.6#
77	30.4	26.3 39.5

