

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100322\
 Data File : VU051090.D
 Acq On : 03 Oct 2022 18:15
 Operator : JC/MD
 Sample : N4854-17
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J28

Quant Time: Oct 03 23:33:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 01 03:04:59 2022
 Response via : Initial Calibration

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

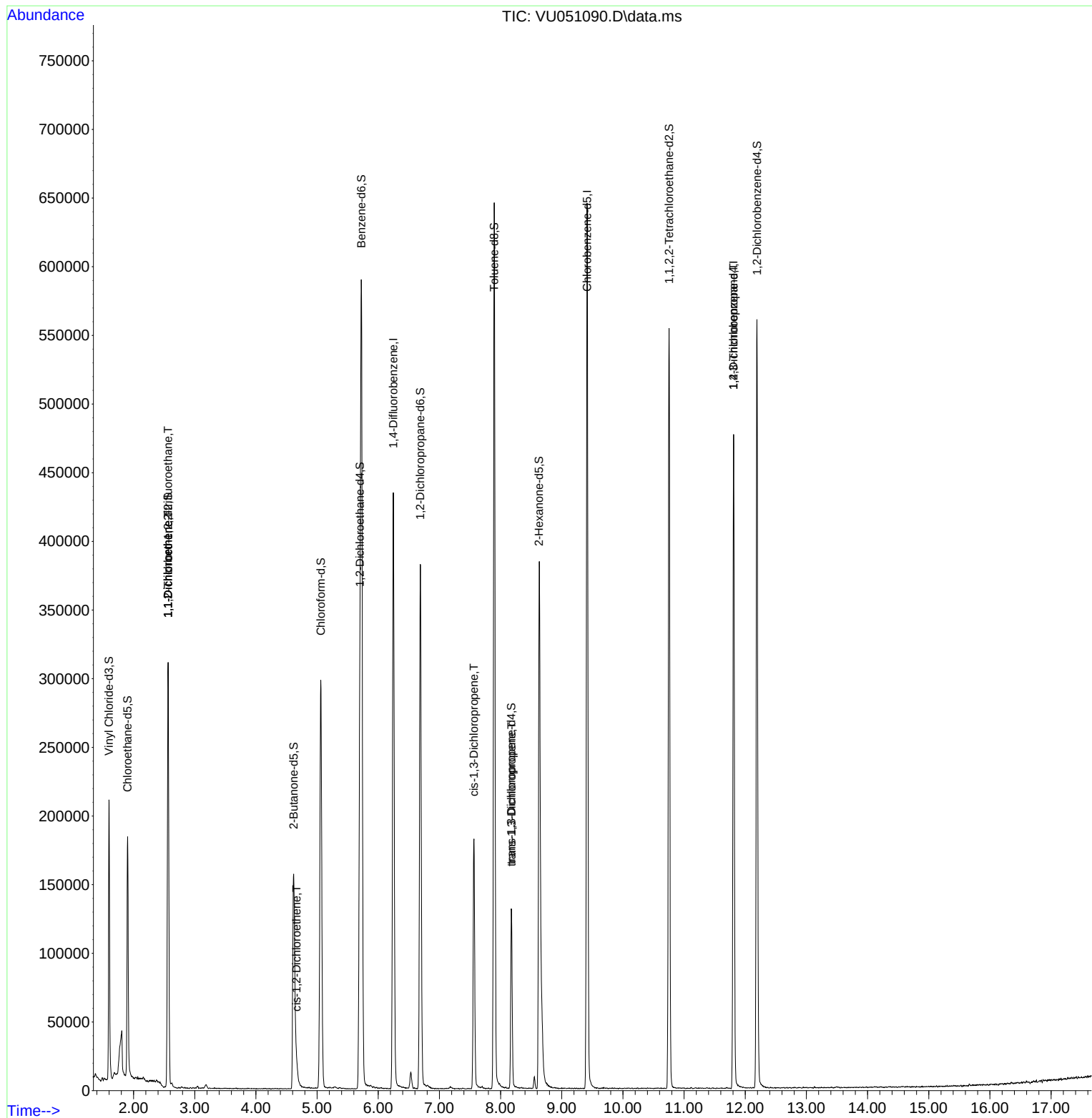
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	347736	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	363110	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	128193	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	151941	43.115	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.220%		
7) Chloroethane-d5	1.903	69	136159	41.593	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.180%		
11) 1,1-Dichloroethene-d2	2.565	63	183588	35.267	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.540%		
21) 2-Butanone-d5	4.616	46	228622	100.023	ug/L	-0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	100.020%		
24) Chloroform-d	5.060	84	275856	48.585	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.180%		
26) 1,2-Dichloroethane-d4	5.700	65	179326	51.027	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.060%		
32) Benzene-d6	5.726	84	551195	51.837	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.680%		
36) 1,2-Dichloropropane-d6	6.687	67	186105	53.937	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	107.880%		
41) Toluene-d8	7.896	98	435331	44.312	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.620%		
43) trans-1,3-Dichloroprop...	8.176	79	73970	44.947	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.900%		
47) 2-Hexanone-d5	8.629	63	108530	77.899	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	77.900%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	285440	47.335	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.660%		
66) 1,2-Dichlorobenzene-d4	12.192	152	147552	53.879	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	107.760%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1644	0.619	ug/L #	20
12) 1,1-Dichloroethene	2.565	96	1455	0.587	ug/L #	1
20) cis-1,2-Dichloroethene	4.665	96	4639	1.575	ug/L	94
39) cis-1,3-Dichloropropene	7.562	75	4341	1.028	ug/L #	53
44) trans-1,3-Dichloropropene	8.179	75	3116	0.730	ug/L	90
60) 1,2,3-Trichloropropane	11.809	75	15994	4.741	ug/L #	67

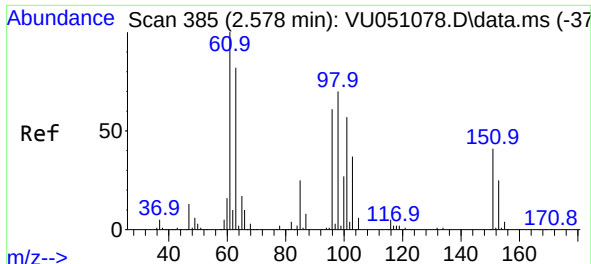
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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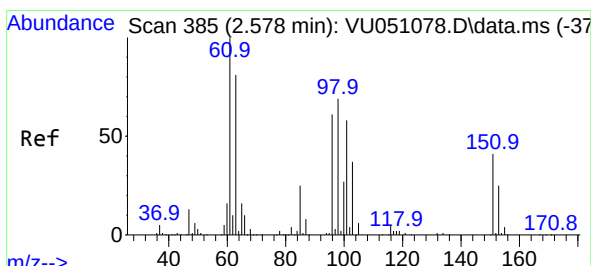
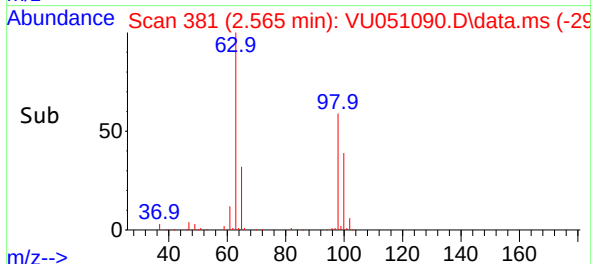
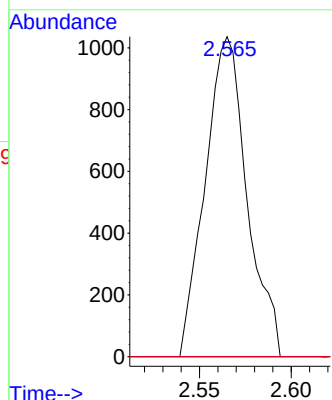
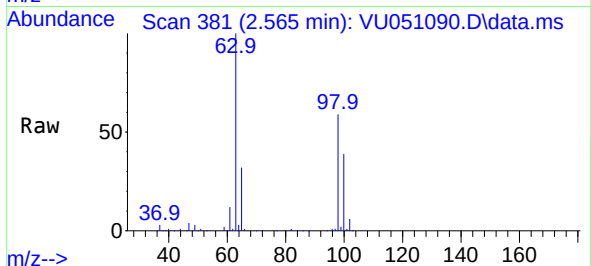




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.619 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU051090.D
Acq: 03 Oct 2022 18:15

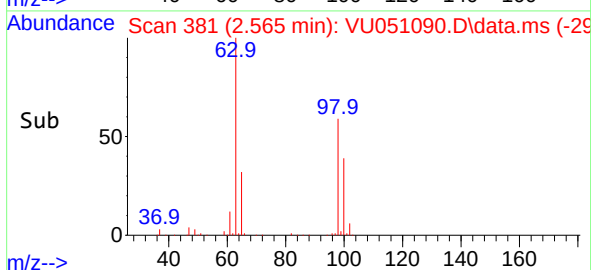
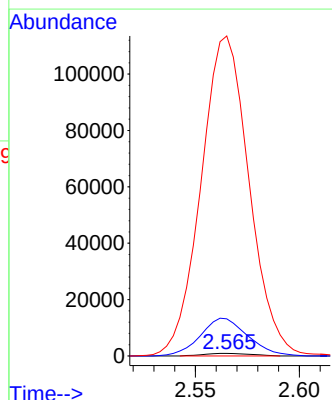
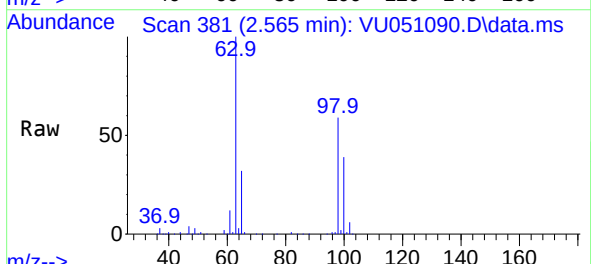
Instrument :
MSVOA_U
ClientSampleId :
F5J28

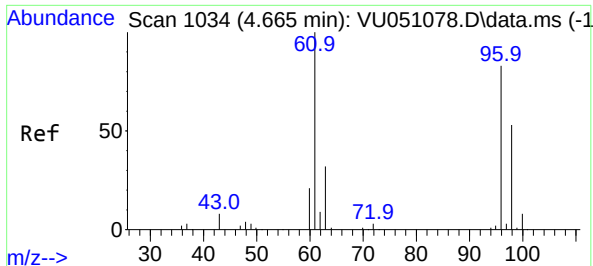
Tgt Ion:101 Resp: 1644
Ion Ratio Lower Upper
101 100
85 0.0 34.6 52.0#
151 0.0 58.6 87.8#



#12
1,1-Dichloroethene
Concen: 0.587 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU051090.D
Acq: 03 Oct 2022 18:15

Tgt Ion: 96 Resp: 1455
Ion Ratio Lower Upper
96 100
61 1461.3 113.0 209.9#
63 12601.1 91.7 170.3#



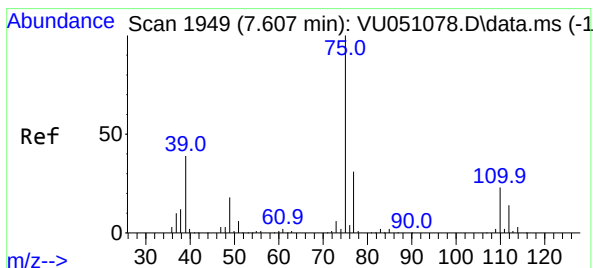
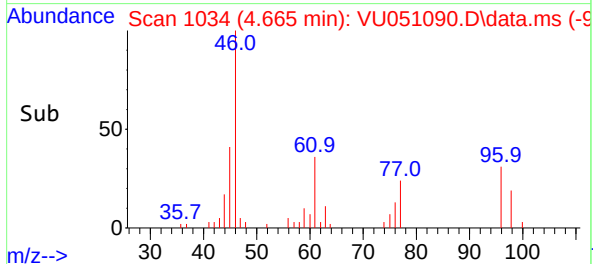
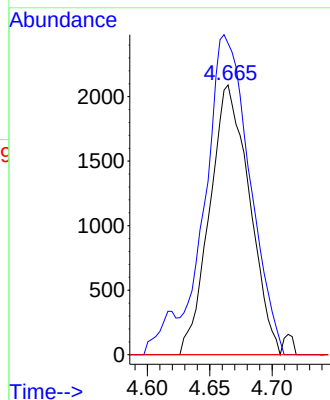
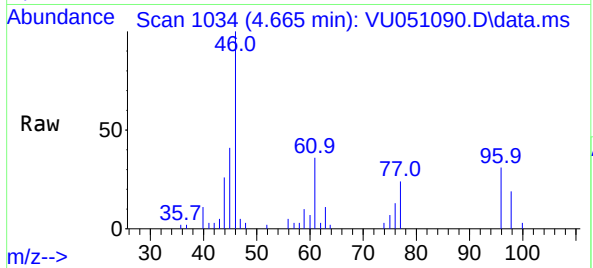


#20
 cis-1,2-Dichloroethene
 Concen: 1.575 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: VU051090.D
 Acq: 03 Oct 2022 18:15

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J28

Tgt Ion: 96 Resp: 4639

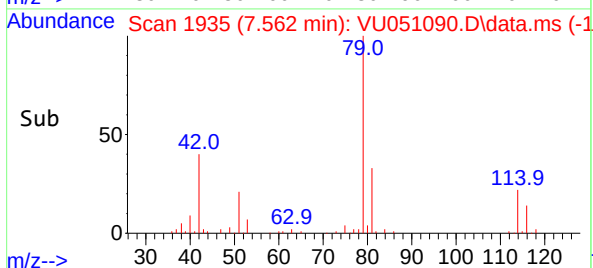
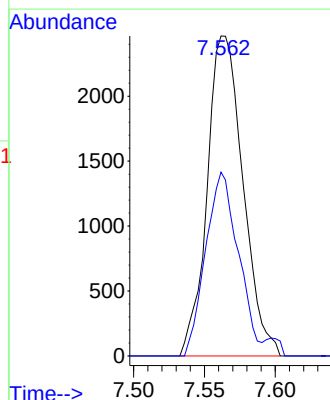
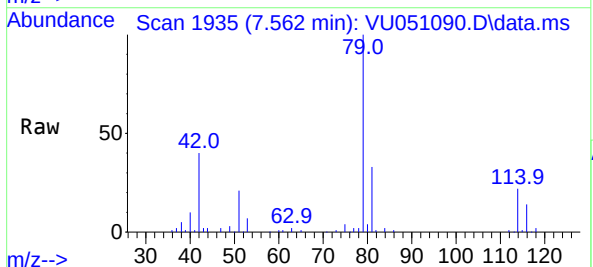
Ion	Ratio	Lower	Upper
96	100		
61	115.4	85.4	158.6
68	0.0	0.0	0.0

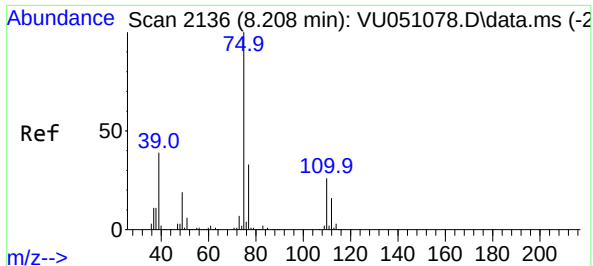


#39
 cis-1,3-Dichloropropene
 Concen: 1.028 ug/L
 RT: 7.562 min Scan# 1935
 Delta R.T. -0.042 min
 Lab File: VU051090.D
 Acq: 03 Oct 2022 18:15

Tgt Ion: 75 Resp: 4341

Ion	Ratio	Lower	Upper
75	100		
77	57.4	22.0	41.0#

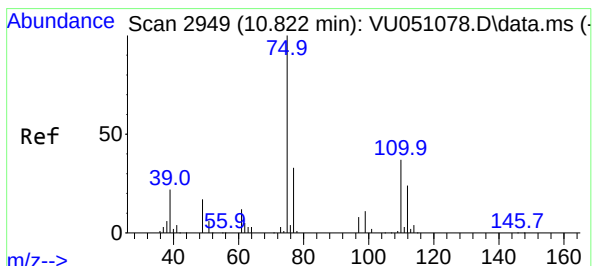
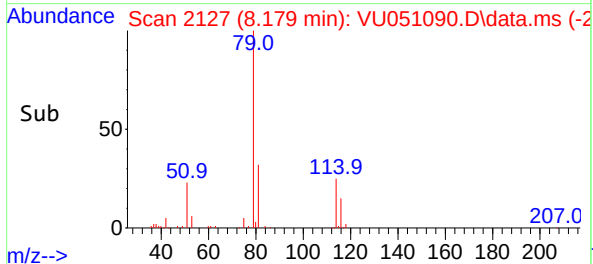
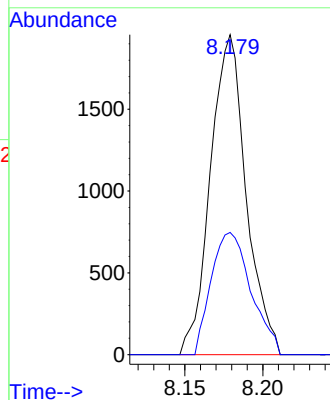
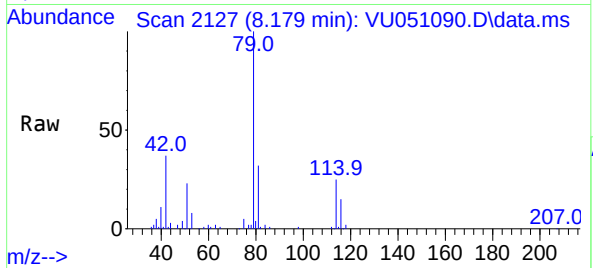




#44
trans-1,3-Dichloropropene
Concen: 0.730 ug/L
RT: 8.179 min Scan# 2136
Delta R.T. -0.029 min
Lab File: VU051090.D
Acq: 03 Oct 2022 18:15

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 75 Resp: 3116
Ion Ratio Lower Upper
75 100
77 38.2 22.7 42.3



#60
1,2,3-Trichloropropane
Concen: 4.741 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU051090.D
Acq: 03 Oct 2022 18:15

Tgt Ion: 75 Resp: 15994
Ion Ratio Lower Upper
75 100
77 31.3 26.1 39.1
110 1.2 30.0 45.0#

