

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
 Data File : VU051030.D
 Acq On : 30 Sep 2022 13:52
 Operator : JC/MD
 Sample : N4854-08 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 01 01:25:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 01 01:23:58 2022
 Response via : Initial Calibration

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

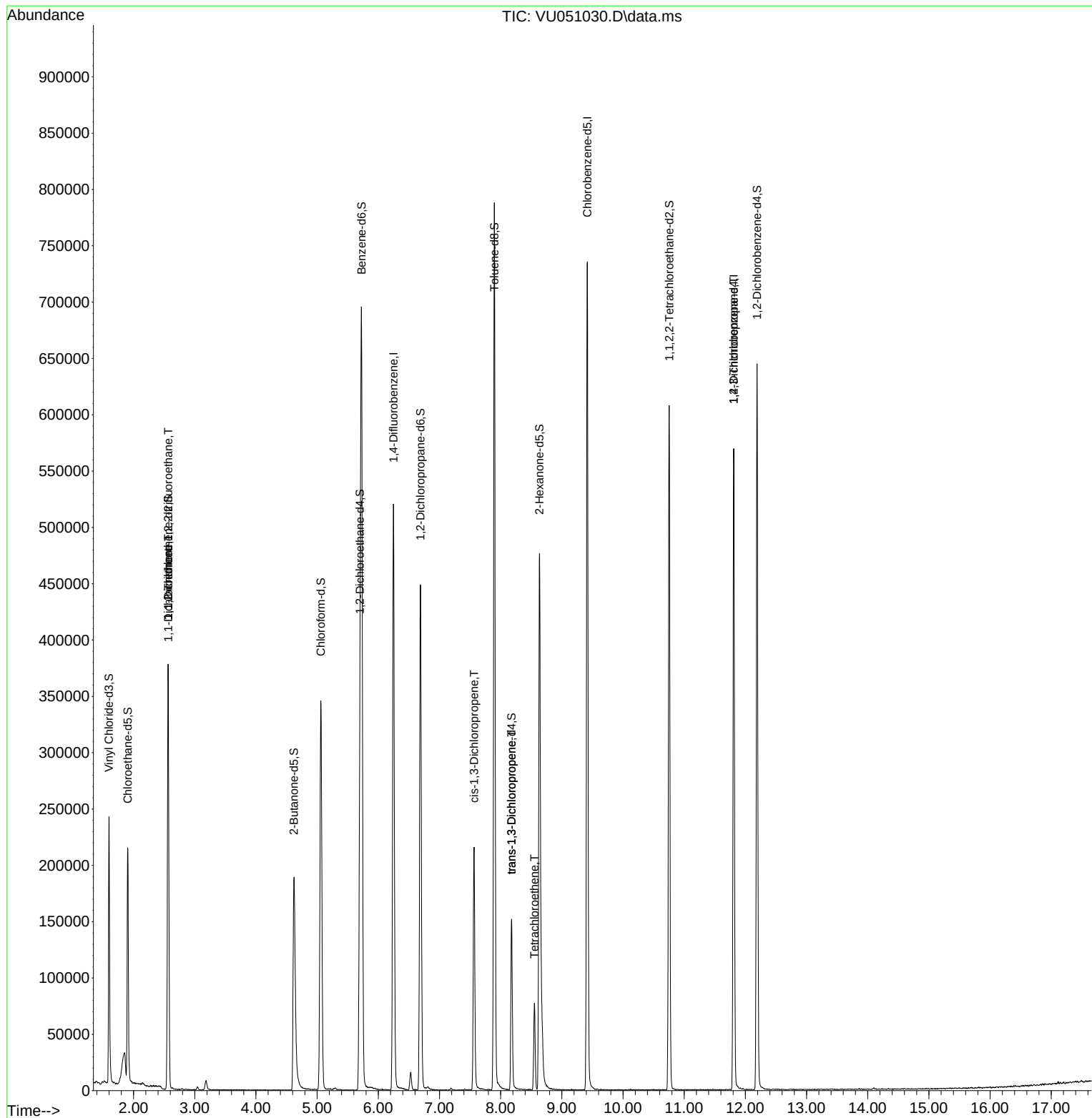
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	411618	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	410466	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	146265	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	177259	42.493	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.980%		
7) Chloroethane-d5	1.906	69	156012	40.261	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	80.520%		
11) 1,1-Dichloroethene-d2	2.565	63	224859	36.491	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	72.980%		
21) 2-Butanone-d5	4.620	46	273777	101.189	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	101.190%		
24) Chloroform-d	5.060	84	323163	48.084	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.160%		
26) 1,2-Dichloroethane-d4	5.700	65	210192	50.527	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.060%		
32) Benzene-d6	5.726	84	639895	53.236	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.480%		
36) 1,2-Dichloropropane-d6	6.690	67	217012	55.639	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	111.280%		
41) Toluene-d8	7.896	98	517821	46.627	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.260%		
43) trans-1,3-Dichloroprop...	8.179	79	86111	46.287	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.580%		
47) 2-Hexanone-d5	8.632	63	136569	86.715	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.720%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	312352	45.822	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.640%		
66) 1,2-Dichlorobenzene-d4	12.192	152	165386	52.930	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.860%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1878	0.598	ug/L #	20
12) 1,1-Dichloroethene	2.568	96	1941	0.661	ug/L #	1
39) cis-1,3-Dichloropropene	7.565	75	5189	1.087	ug/L #	55
44) trans-1,3-Dichloropropene	8.179	75	3356	0.695	ug/L #	57
46) Tetrachloroethene	8.552	164	17282	7.036	ug/L	94
60) 1,2,3-Trichloropropane	11.809	75	18741	4.869	ug/L #	67

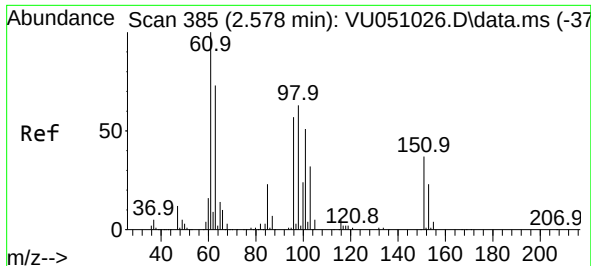
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Oct 01 01:23:58 2022
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.598 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.013 min

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Instrument :

MSVOA_U

ClientSampleId :

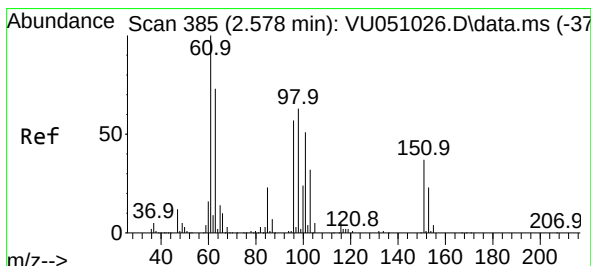
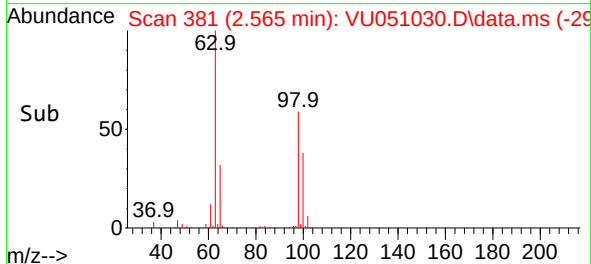
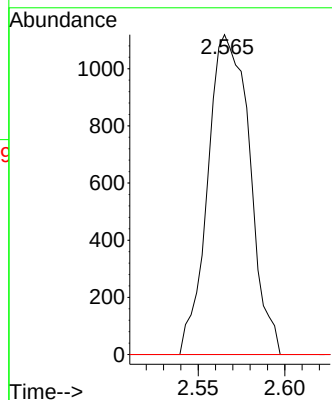
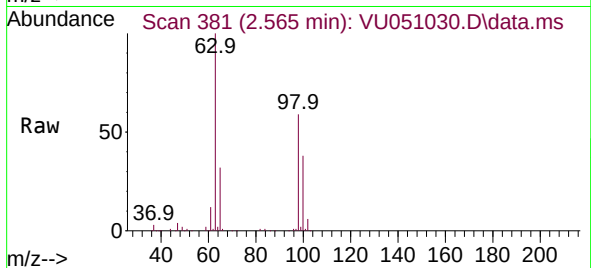
Tgt Ion:101 Resp: 1878

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: 0.661 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.010 min

Lab File: VU051030.D

Acq: 30 Sep 2022 13:52

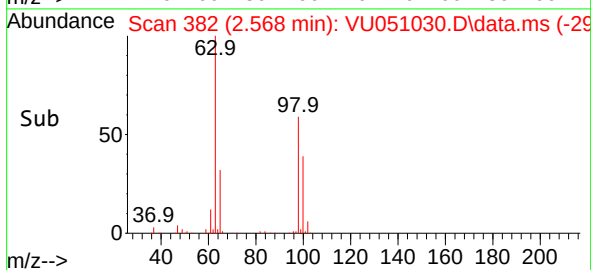
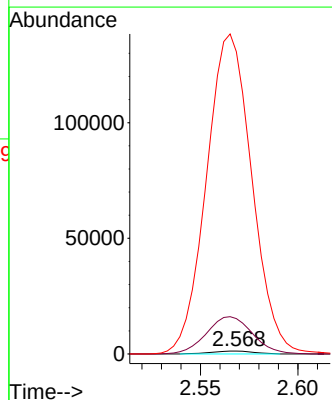
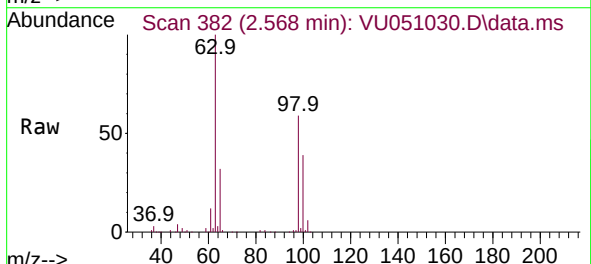
Tgt Ion: 96 Resp: 1941

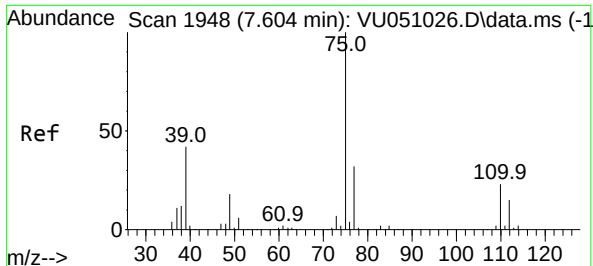
Ion Ratio Lower Upper

96 100

61 1199.6 113.0 209.9#

63 10273.6 91.7 170.3#





#39

cis-1,3-Dichloropropene

Concen: 1.087 ug/L

RT: 7.565 min Scan# 1948

Delta R.T. -0.039 min

Lab File: VU051030.D

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Instrument :

MSVOA_U

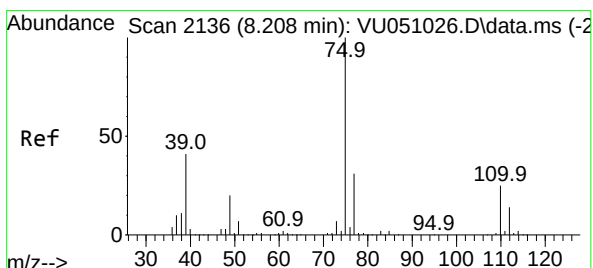
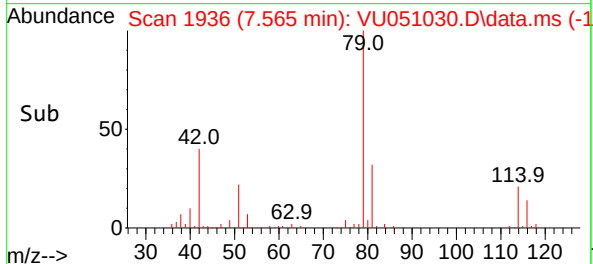
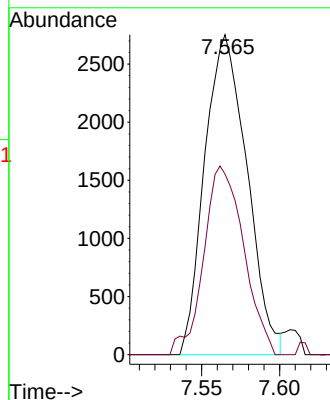
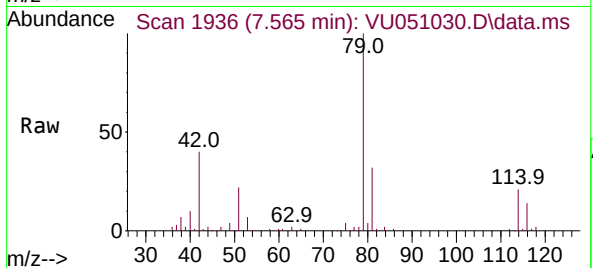
ClientSampleId :

Tgt Ion: 75 Resp: 5189

Ion Ratio Lower Upper

75 100

77 56.4 22.0 41.0#



#44

trans-1,3-Dichloropropene

Concen: 0.695 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.029 min

Lab File: VU051030.D

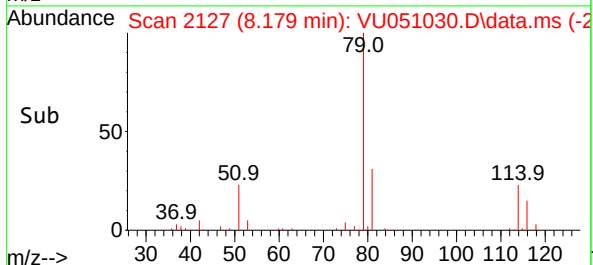
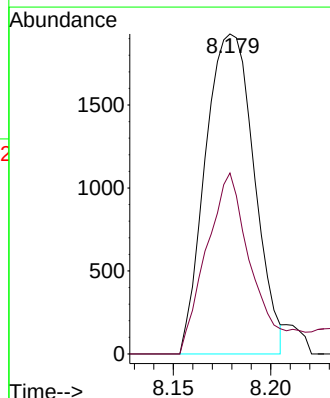
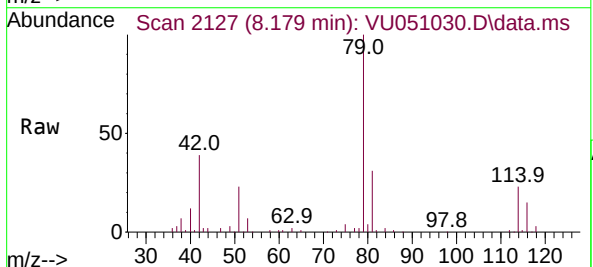
Acq: 30 Sep 2022 13:52

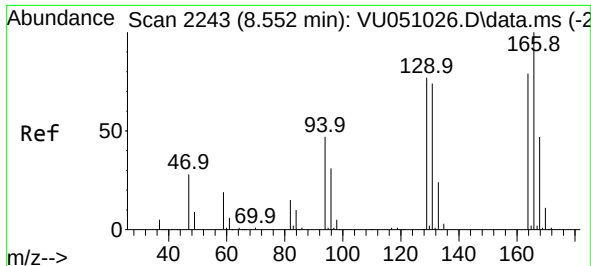
Tgt Ion: 75 Resp: 3356

Ion Ratio Lower Upper

75 100

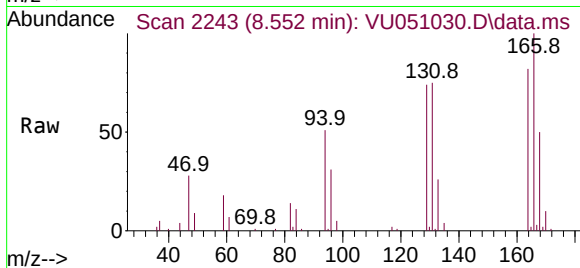
77 56.5 22.7 42.3#



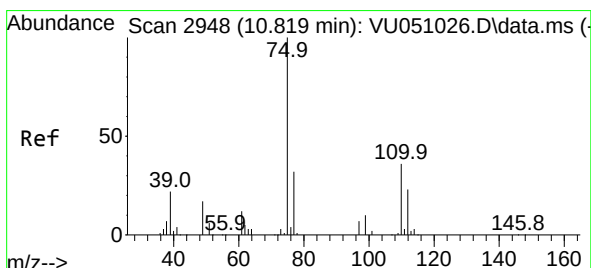
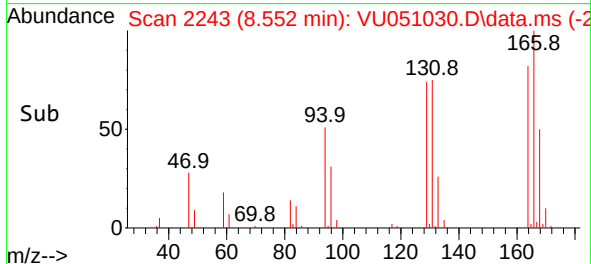
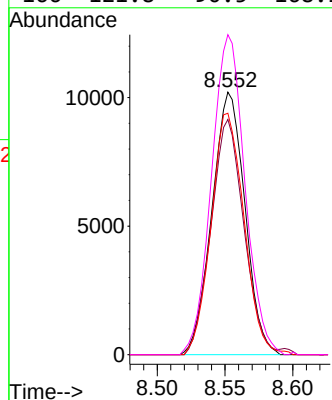


#46
Tetrachloroethene
Concen: 7.036 ug/L
RT: 8.552 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051030.D
Acq: 30 Sep 2022 13:52

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:164 Resp: 17282
Ion Ratio Lower Upper
164 100
129 89.6 68.1 126.5
131 91.9 67.8 126.0
166 121.8 90.5 168.1



#60
1,2,3-Trichloropropane
Concen: 4.869 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU051030.D
Acq: 30 Sep 2022 13:52

Tgt Ion: 75 Resp: 18741
Ion Ratio Lower Upper
75 100
77 31.0 26.1 39.1
110 2.0 30.0 45.0#

