

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121823\
 Data File : VD077959.D
 Acq On : 18 Dec 2023 20:35
 Operator : RP/MD
 Sample : 05806-04
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 18 23:20:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Dec 18 23:16:23 2023
 Response via : Initial Calibration

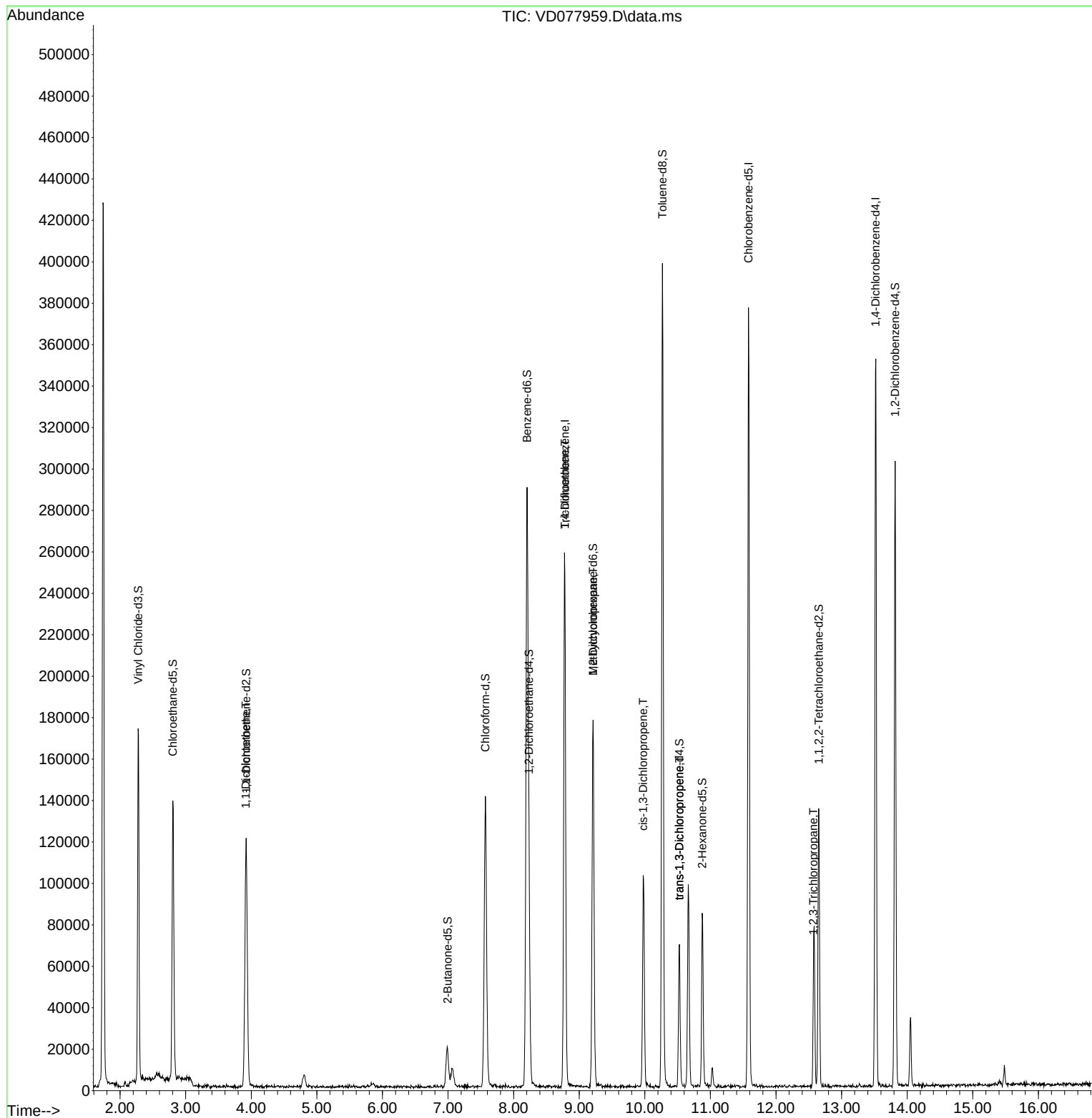
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	233110	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	220694	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	98023	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	164463	25.871	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 103.480%		
7) Chloroethane-d5	2.805	69	138374	27.309	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 109.240%		
11) 1,1-Dichloroethene-d2	3.922	65	34188	20.742	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	= 82.960%		
21) 2-Butanone-d5	6.993	46	31190	38.821	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 77.640%		
24) Chloroform-d	7.569	84	145511	23.161	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	= 92.640%		
26) 1,2-Dichloroethane-d4	8.234	65	74713	23.471	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	= 93.880%		
32) Benzene-d6	8.205	84	303276	22.817	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	= 91.280%		
36) 1,2-Dichloropropane-d6	9.210	67	89959	22.182	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	= 88.720%		
41) Toluene-d8	10.269	98	280035	22.889	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	= 91.560%		
43) trans-1,3-Dichloroprop...	10.528	79	39727	22.152	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	= 88.600%		
47) 2-Hexanone-d5	10.875	63	30161	43.159	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 86.320%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	69507	23.718	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	= 94.880%		
66) 1,2-Dichlorobenzene-d4	13.816	152	80559	22.973	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	= 91.880%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	3.917	96	1055	0.333	ug/L #	1
34) Trichloroethene	8.781	95	6521	1.829	ug/L #	5
35) Methylcyclohexane	9.210	83	21072	3.329	ug/L #	19
39) cis-1,3-Dichloropropene	9.975	75	3000	0.513	ug/L #	60
44) trans-1,3-Dichloropropene	10.528	75	2030	0.416	ug/L #	75
61) 1,2,3-Trichloropropane	12.569	75	757	0.420	ug/L #	53

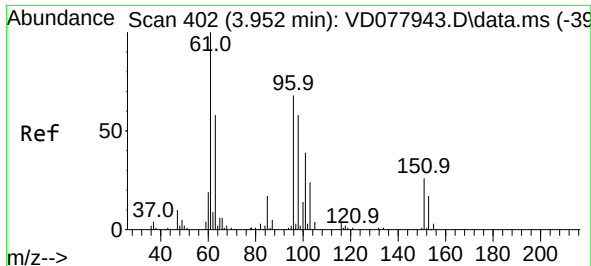
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Mon Dec 18 23:16:23 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.333 ug/L

RT: 3.917 min Scan# 396

Delta R.T. -0.035 min

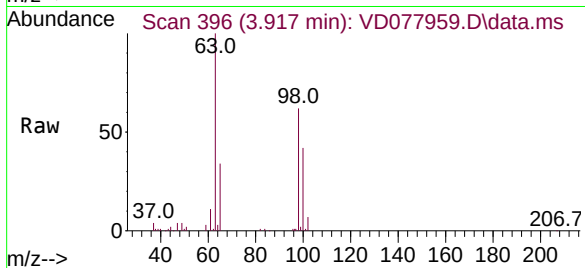
Lab File: VD077959.D

Acq: 18 Dec 2023 20:35

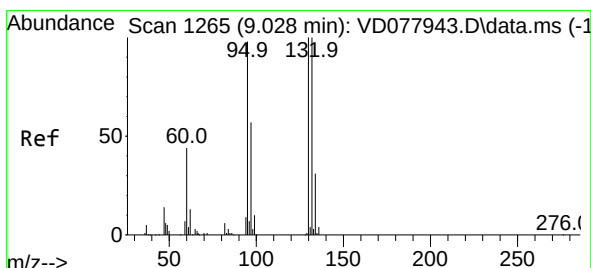
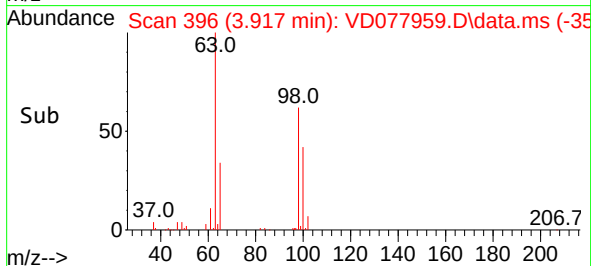
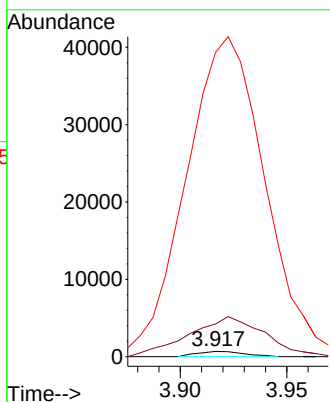
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	96	Resp:	1055
Ion	Ratio	Lower	Upper
96	100		
61	615.0	108.6	201.6#
63	5739.0	60.3	111.9#



#34

Trichloroethene

Concen: 1.829 ug/L

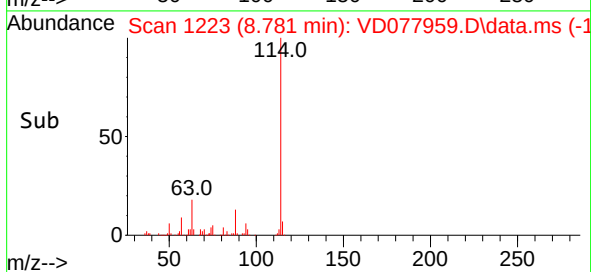
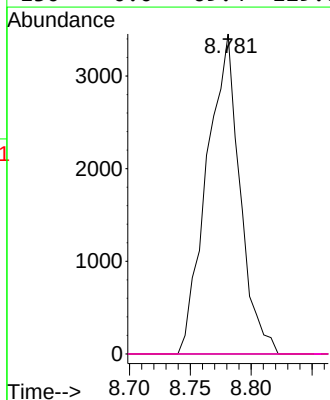
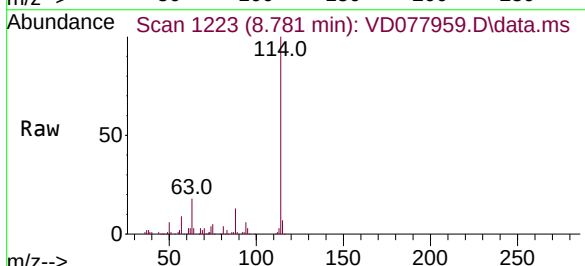
RT: 8.781 min Scan# 1223

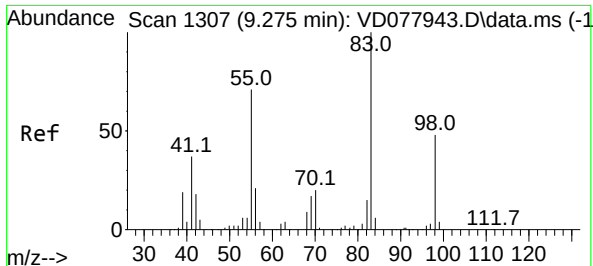
Delta R.T. -0.247 min

Lab File: VD077959.D

Acq: 18 Dec 2023 20:35

Tgt Ion:	95	Resp:	6521
Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.2	82.0#
132	0.0	67.5	125.3#
130	0.0	69.4	129.0#





#35

Methylcyclohexane

Concen: 3.329 ug/L

RT: 9.210 min Scan# 11

Delta R.T. -0.065 min

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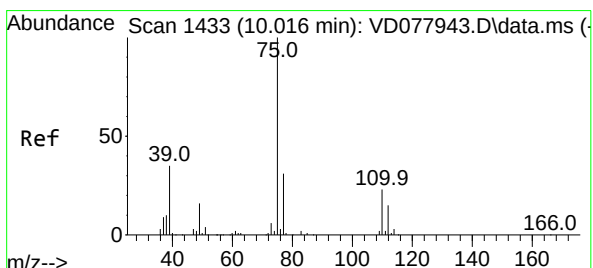
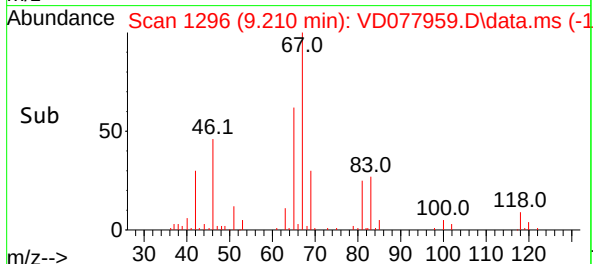
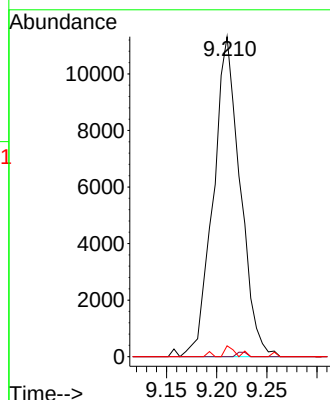
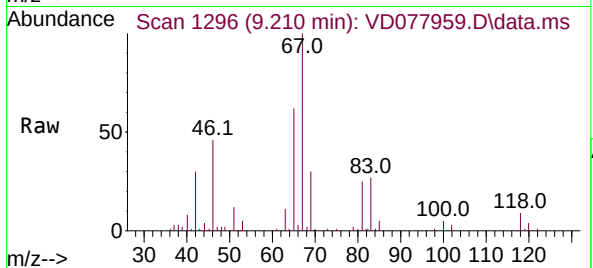
Acq: 18 Dec 2023 20:35

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 83	Resp: 21072
Ion Ratio	Lower Upper
83 100	
55 0.0	59.8 89.6#
98 1.0	38.5 57.7#



#39

cis-1,3-Dichloropropene

Concen: 0.513 ug/L

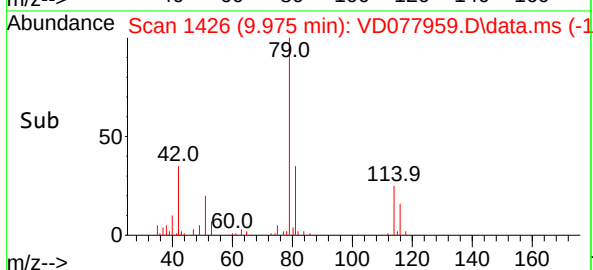
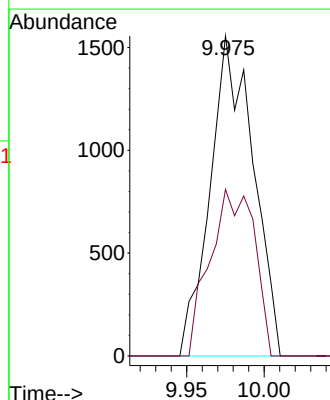
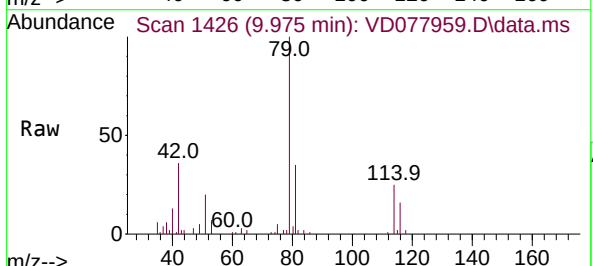
RT: 9.975 min Scan# 1426

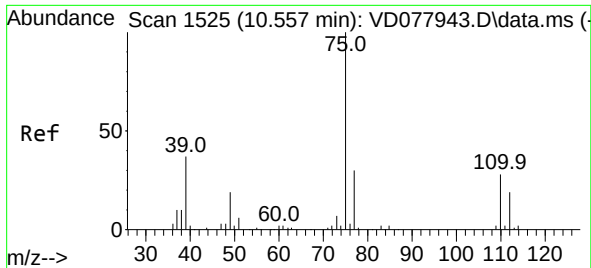
Delta R.T. -0.041 min

Lab File: VD077959.D

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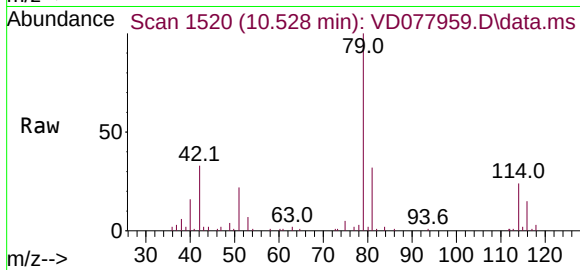
Tgt Ion: 75	Resp: 3000
Ion Ratio	Lower Upper
75 100	
77 52.1	21.2 39.4#



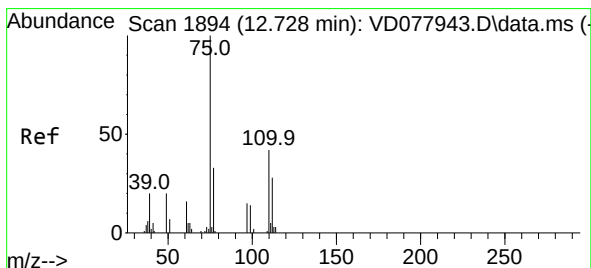
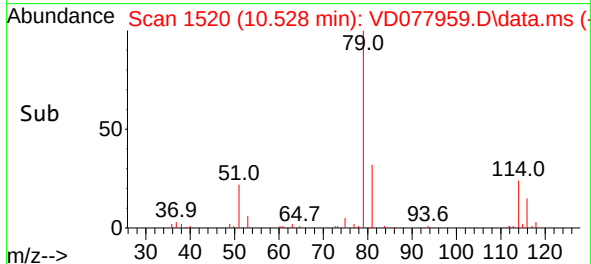
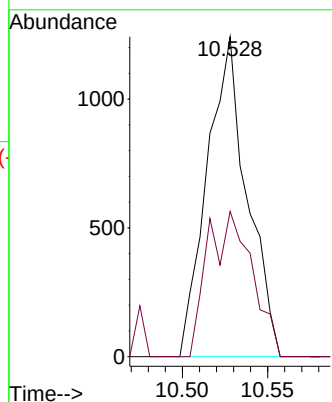


#44
trans-1,3-Dichloropropene
Concen: 0.416 ug/L
RT: 10.528 min Scan# 11
Delta R.T. -0.029 min
Lab File: VD077959.D
Acq: 18 Dec 2023 20:35

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 2030
Ion Ratio Lower Upper
75 100
77 45.4 22.0 40.8#



#61
1,2,3-Trichloropropane
Concen: 0.420 ug/L
RT: 12.569 min Scan# 1867
Delta R.T. -0.159 min
Lab File: VD077959.D
Acq: 18 Dec 2023 20:35

Tgt Ion: 75 Resp: 757
Ion Ratio Lower Upper
75 100
77 0.0 26.8 40.2#
110 17.8 33.4 50.2#

