

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092724\
 Data File : VD079932.D
 Acq On : 27 Sep 2024 19:39
 Operator : RP/MD
 Sample : P4183-18
 Misc : 5.21G/10ml/MSVOA_D/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 27 23:42:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 27 23:37:15 2024
 Response via : Initial Calibration

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

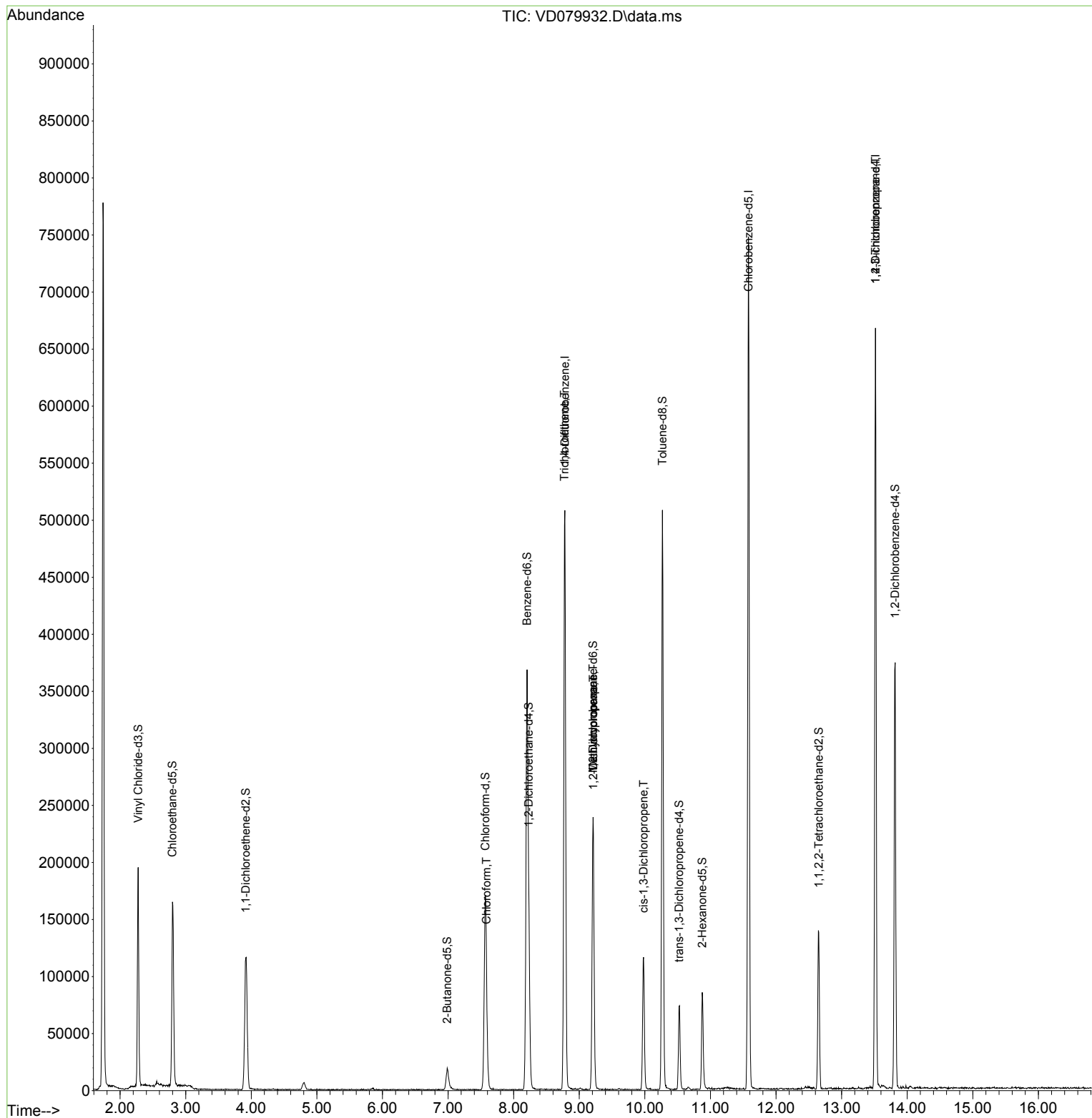
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	434209	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.580	117	402323	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	165106	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	172821	9.153	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	36.600%
7) Chloroethane-d5	2.799	69	172188	11.519	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	46.080%
11) 1,1-Dichloroethene-d2	3.916	65	34643	10.106	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	40.440%#
21) 2-Butanone-d5	6.987	46	32354	18.443	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	36.880%
24) Chloroform-d	7.569	84	176205	12.345	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	49.400%
26) 1,2-Dichloroethane-d4	8.228	65	88389	11.843	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	47.360%#
32) Benzene-d6	8.204	84	375144	13.208	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	52.840%
36) 1,2-Dichloropropane-d6	9.210	67	119102	13.691	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	54.760%#
41) Toluene-d8	10.269	98	342039	13.685	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	54.720%
43) trans-1,3-Dichloroprop...	10.522	79	42847	11.456	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	45.840%
47) 2-Hexanone-d5	10.875	63	29146	20.553	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	41.100%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	71908	11.249	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	45.000%
66) 1,2-Dichlorobenzene-d4	13.816	152	97350	15.635	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	62.520%#
Target Compounds						Qvalue
25) Chloroform	7.587	83	5707	0.393	ug/L	97
34) Trichloroethene	8.775	95	13269	1.917	ug/L #	8
35) Methylcyclohexane	9.210	83	27454	2.458	ug/L #	20
37) 1,2-Dichloropropane	9.216	63	13484	1.650	ug/L #	100
39) cis-1,3-Dichloropropene	9.981	75	3298	0.287	ug/L #	73
61) 1,2,3-Trichloropropane	13.516	75	23104	5.693	ug/L #	68

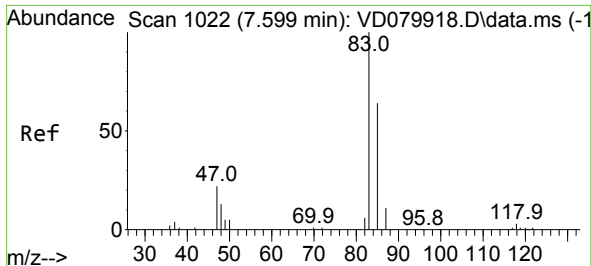
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Sep 27 23:37:15 2024
Response via : Initial Calibration





#25

Chloroform

Concen: 0.393 ug/L

RT: 7.587 min Scan# 1020

Delta R.T. -0.012 min

Lab File: VD079932.D

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Instrument :

MSVOA_D

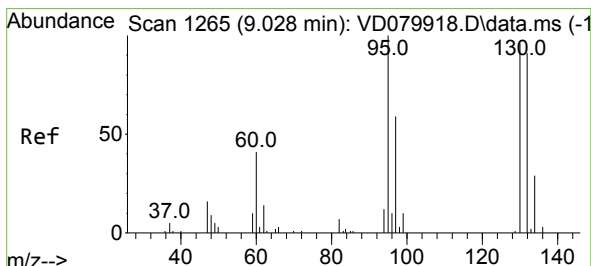
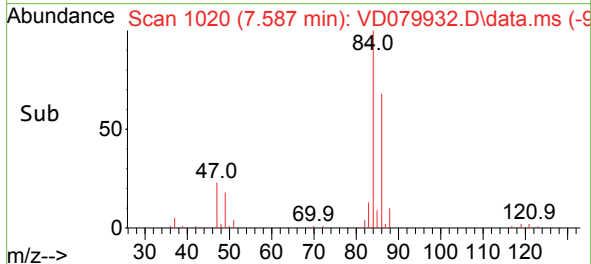
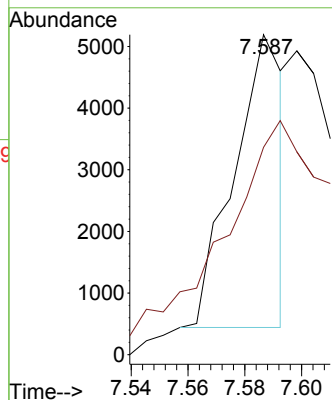
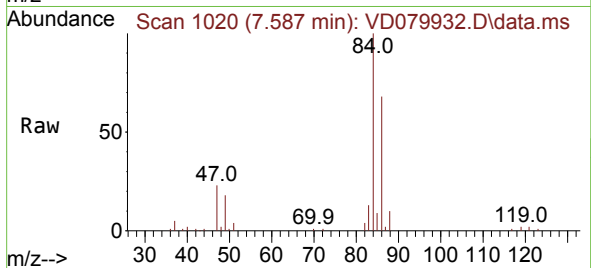
ClientSampleId :

Tgt Ion: 83 Resp: 5707

Ion Ratio Lower Upper

83 100

85 64.8 47.3 87.9



#34

Trichloroethene

Concen: 1.917 ug/L

RT: 8.775 min Scan# 1222

Delta R.T. -0.253 min

Lab File: VD079932.D

Acq: 27 Sep 2024 19:39

Tgt Ion: 95 Resp: 13269

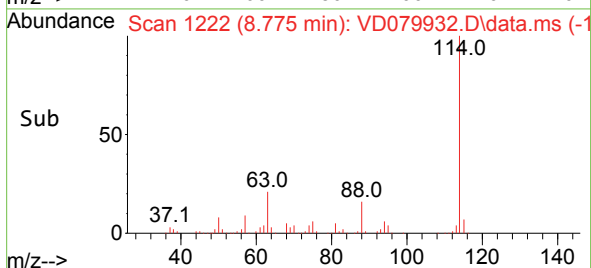
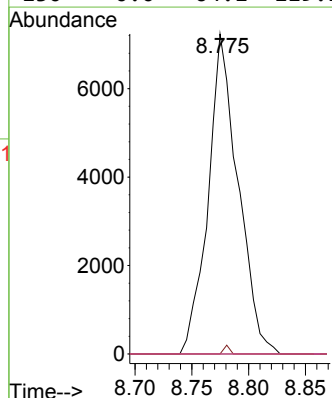
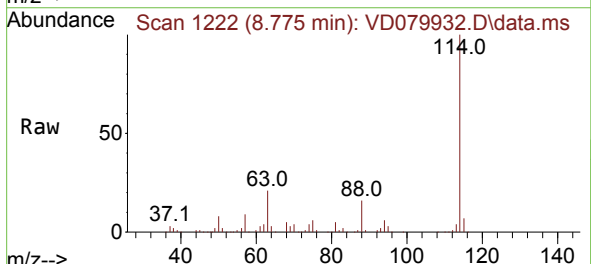
Ion Ratio Lower Upper

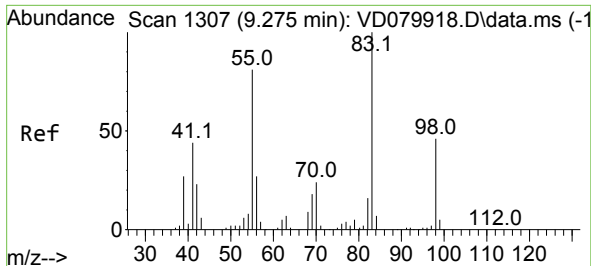
95 100

97 0.0 43.5 80.7#

132 0.0 64.5 119.7#

130 0.0 64.1 119.1#

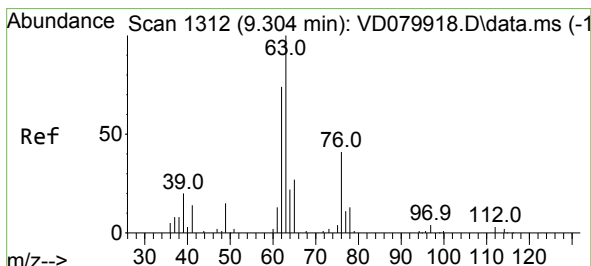
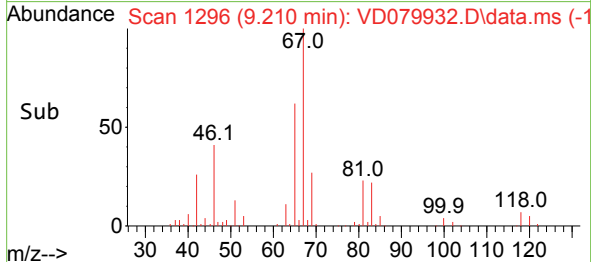
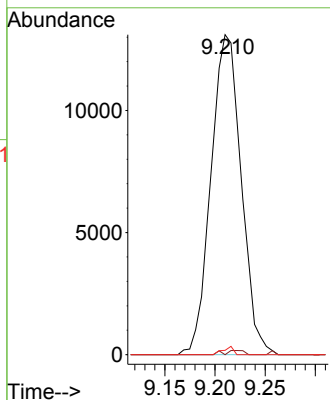
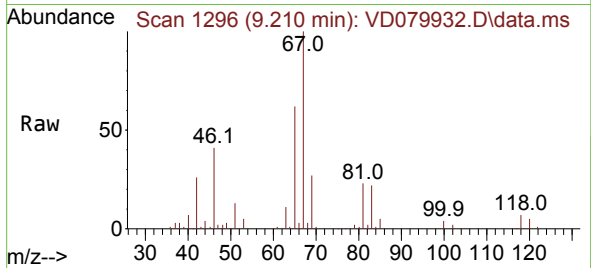




#35
Methylcyclohexane
Concen: 2.458 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.065 min
Lab File: VD079932.D
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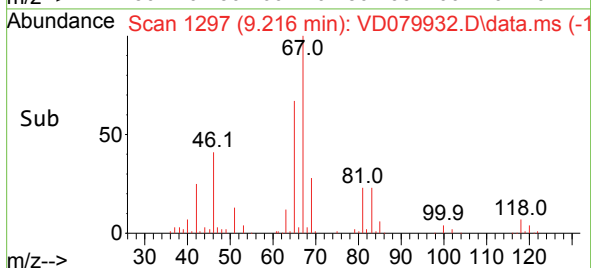
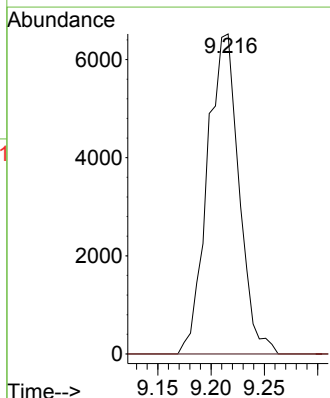
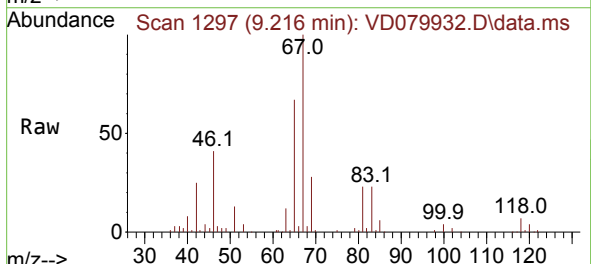
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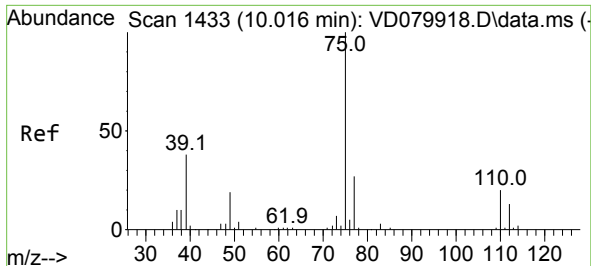
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.7	58.9	88.3#
98	0.9	38.6	58.0#



#37
1,2-Dichloropropane
Concen: 1.650 ug/L
RT: 9.216 min Scan# 1297
Delta R.T. -0.088 min
Lab File: VD079932.D
Acq: 27 Sep 2024 19:39

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	0.0	0.0

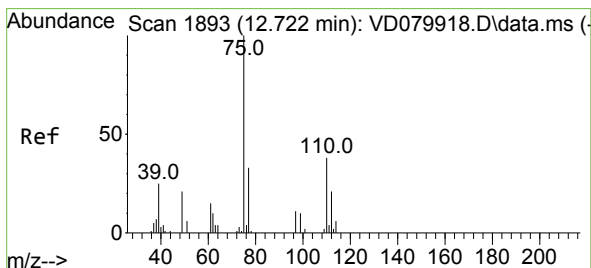
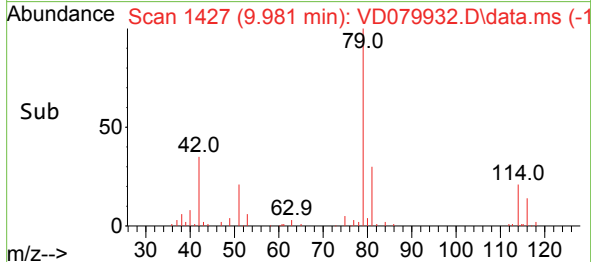
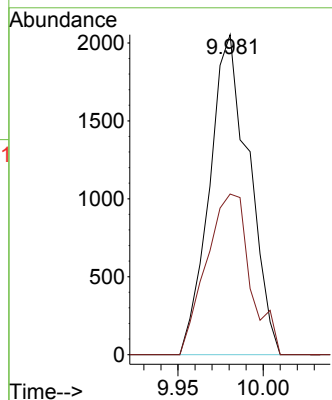
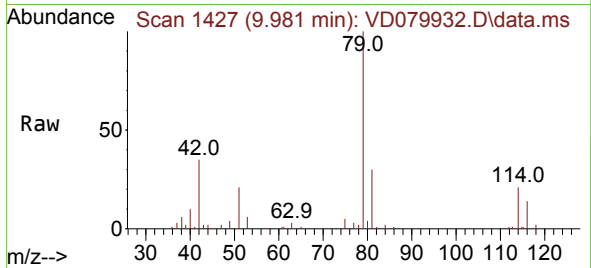




#39
 cis-1,3-Dichloropropene
 Concen: 0.287 ug/L
 RT: 9.981 min Scan# 14
 Delta R.T. -0.036 min
 Lab File: VD079932.D
 Acq: 27 Sep 2024 19:39

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 75 Resp: 3298
 Ion Ratio Lower Upper
 75 100
 77 50.2 24.1 44.8#



#61
 1,2,3-Trichloropropane
 Concen: 5.693 ug/L
 RT: 13.516 min Scan# 2028
 Delta R.T. 0.794 min
 Lab File: VD079932.D
 Acq: 27 Sep 2024 19:39

Tgt Ion: 75 Resp: 23104
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.1 37.7
 110 4.5 30.1 45.1#

