

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072424\
 Data File : VX042488.D
 Acq On : 23 Jul 2024 21:32
 Operator : JC/MD
 Sample : P3327-26
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E20F8

Quant Time: Jul 24 03:53:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 24 03:44:32 2024
 Response via : Initial Calibration

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

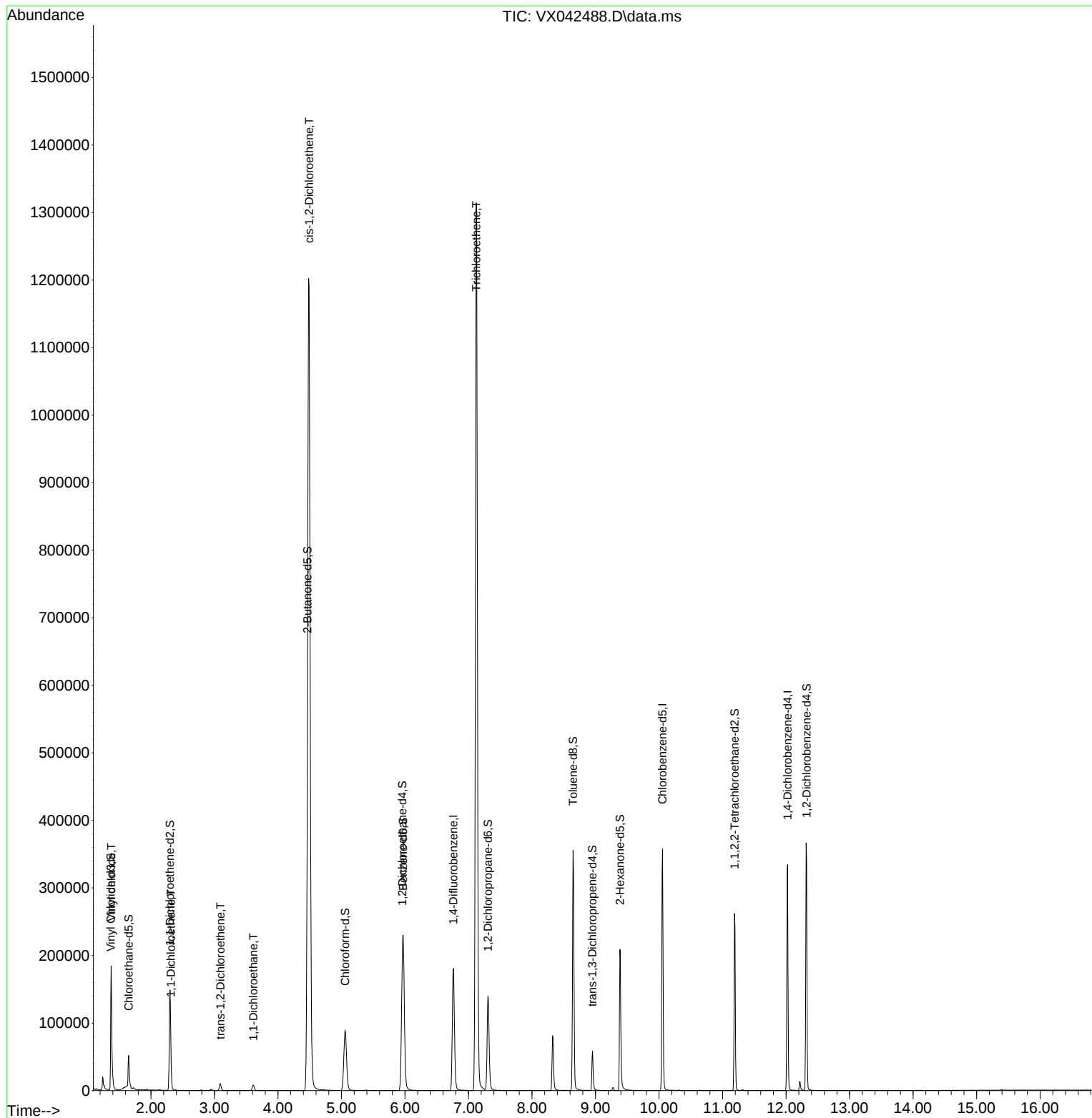
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	200349	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	176732	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	80322	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	51734	44.363	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.720%
7) Chloroethane-d5	1.648	69	36737	50.033	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.060%
11) 1,1-Dichloroethene-d2	2.300	65	25356	49.681	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.360%
21) 2-Butanone-d5	4.465	46	89656	106.685	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.690%
24) Chloroform-d	5.056	84	117818	50.248	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.500%
26) 1,2-Dichloroethane-d4	5.958	65	75038	54.219	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.440%
32) Benzene-d6	5.970	84	242756	53.141	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.280%
36) 1,2-Dichloropropane-d6	7.306	67	75665	55.040	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.080%
41) Toluene-d8	8.647	98	217140	51.008	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.020%
43) trans-1,3-Dichloroprop...	8.952	79	28544	48.042	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.080%
47) 2-Hexanone-d5	9.384	63	63623	101.957	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.960%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	102450	50.408	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.820%
66) 1,2-Dichlorobenzene-d4	12.323	152	84801	54.356	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.720%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	92001	64.589	ug/L	98
12) 1,1-Dichloroethene	2.313	96	5165	4.268	ug/L	# 1
17) trans-1,2-Dichloroethene	3.093	96	4670	3.752	ug/L	96
19) 1,1-Dichloroethane	3.611	63	9530	4.264	ug/L	94
20) cis-1,2-Dichloroethene	4.489	96	802955	549.123	ug/L	100
34) Trichloroethene	7.123	95	500453	386.580	ug/L	98

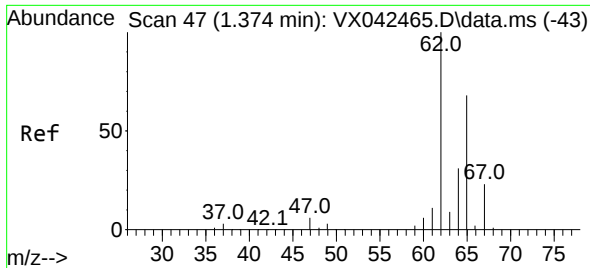
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Jul 24 03:44:32 2024
Response via : Initial Calibration

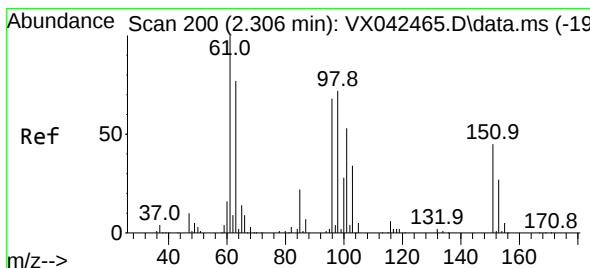
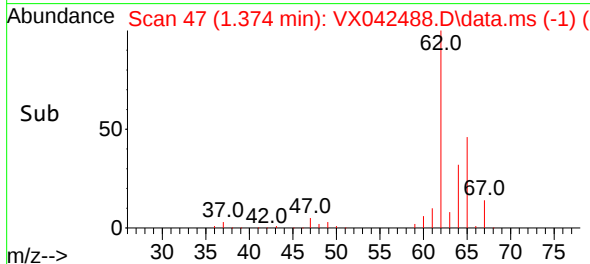
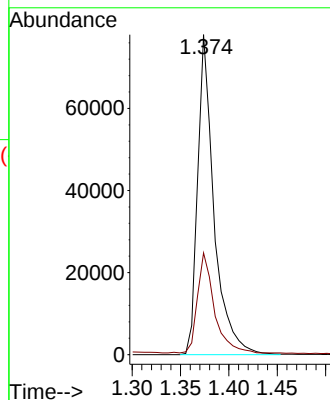
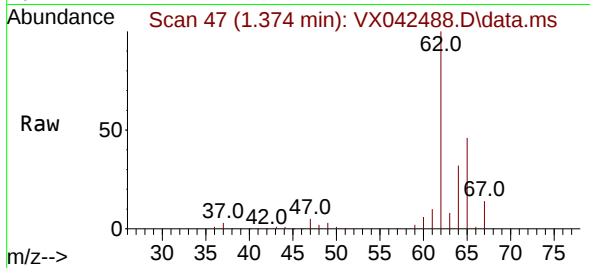




#5
 Vinyl chloride
 Concen: 64.589 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX042488.D
 Acq: 23 Jul 2024 21:32

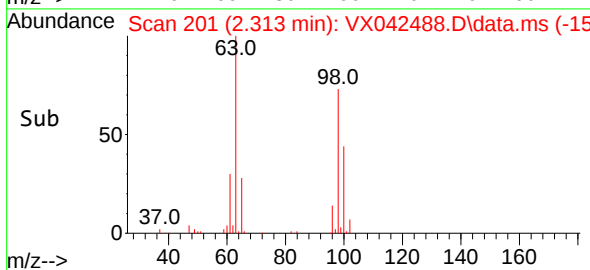
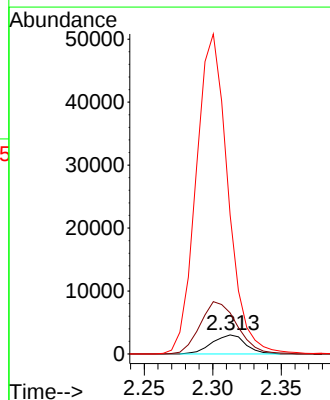
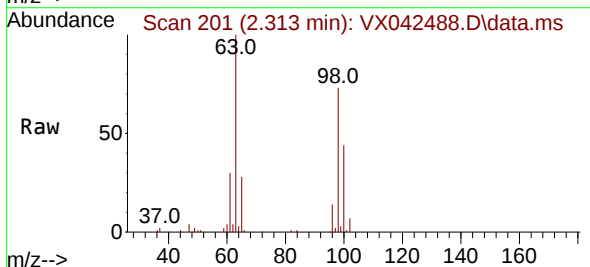
Instrument :
 MSVOA_X
 ClientSampleId :
 E20F8

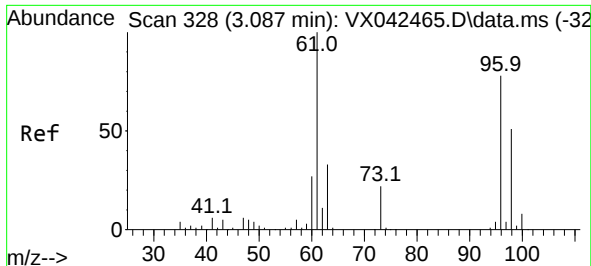
Tgt Ion: 62 Resp: 92001
 Ion Ratio Lower Upper
 62 100
 64 31.8 23.2 43.0



#12
 1,1-Dichloroethene
 Concen: 4.268 ug/L
 RT: 2.313 min Scan# 201
 Delta R.T. 0.006 min
 Lab File: VX042488.D
 Acq: 23 Jul 2024 21:32

Tgt Ion: 96 Resp: 5165
 Ion Ratio Lower Upper
 96 100
 61 215.0 106.7 198.1#
 63 727.8 89.2 165.6#

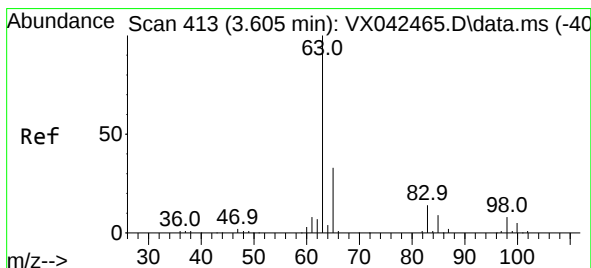
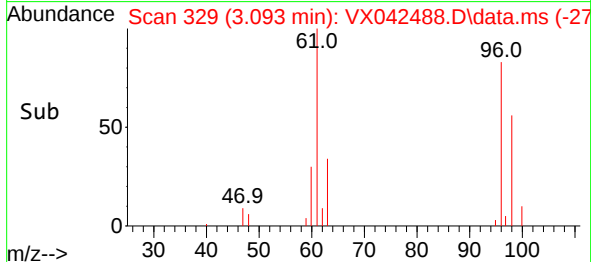
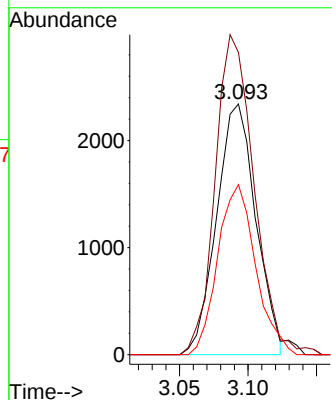
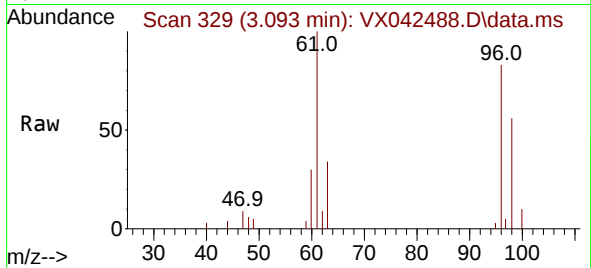




#17
trans-1,2-Dichloroethene
Concen: 3.752 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX042488.D
Acq: 23 Jul 2024 21:32

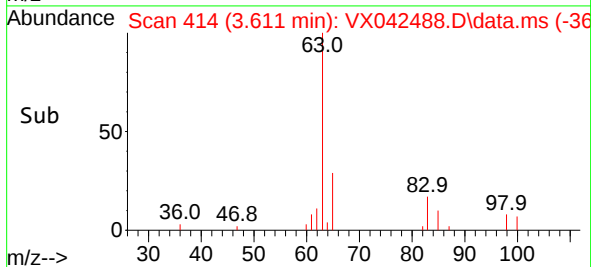
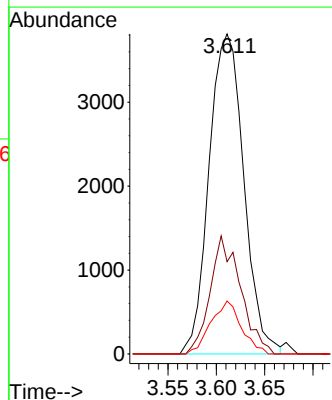
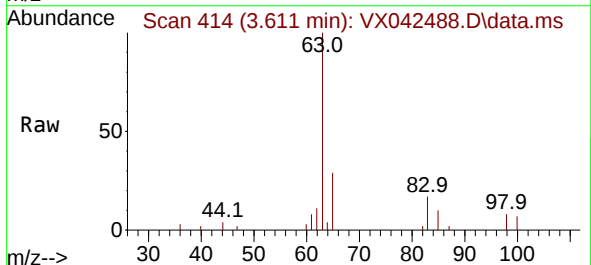
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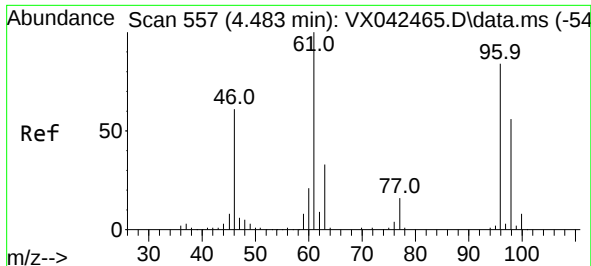
Tgt Ion: 96 Resp: 4670
Ion Ratio Lower Upper
96 100
61 120.5 88.4 164.2
98 67.8 46.5 86.5



#19
1,1-Dichloroethane
Concen: 4.264 ug/L
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX042488.D
Acq: 23 Jul 2024 21:32

Tgt Ion: 63 Resp: 9530
Ion Ratio Lower Upper
63 100
65 28.8 22.2 41.2
83 16.6 9.8 18.2

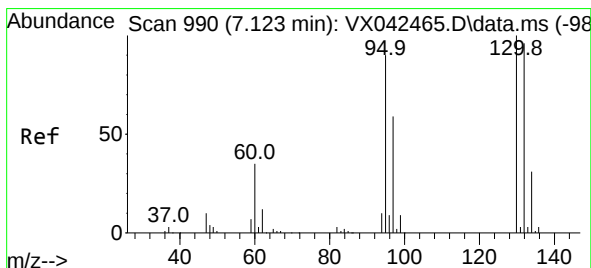
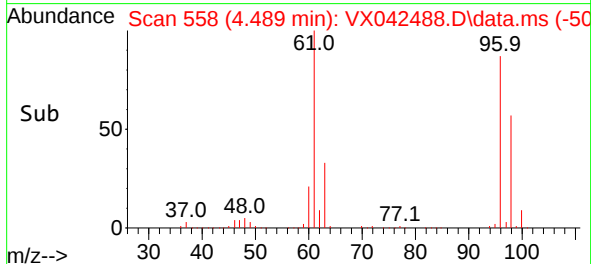
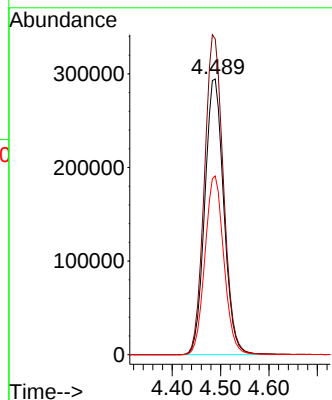
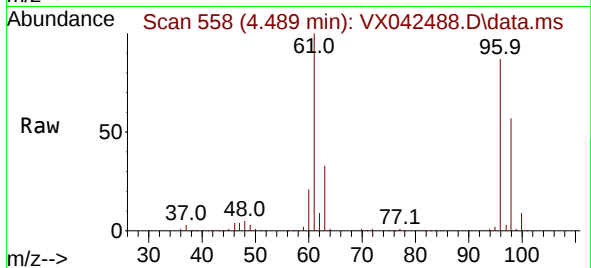




#20
cis-1,2-Dichloroethene
Concen: 549.123 ug/L
RT: 4.489 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX042488.D
Acq: 23 Jul 2024 21:32

Instrument :
MSVOA_X
ClientSampleId :
E20F8

Tgt Ion: 96 Resp: 802955
Ion Ratio Lower Upper
96 100
61 114.6 80.5 149.5
98 64.9 45.7 84.9



#34
Trichloroethene
Concen: 386.580 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX042488.D
Acq: 23 Jul 2024 21:32

Tgt Ion: 95 Resp: 500453
Ion Ratio Lower Upper
95 100
97 64.3 45.1 83.7
132 107.6 77.2 143.4
130 111.4 80.3 149.1

