

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042924\
 Data File : VV035470.D
 Acq On : 29 Apr 2024 14:57
 Operator : SY/MD
 Sample : P2279-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 30 02:12:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 30 02:09:05 2024
 Response via : Initial Calibration

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

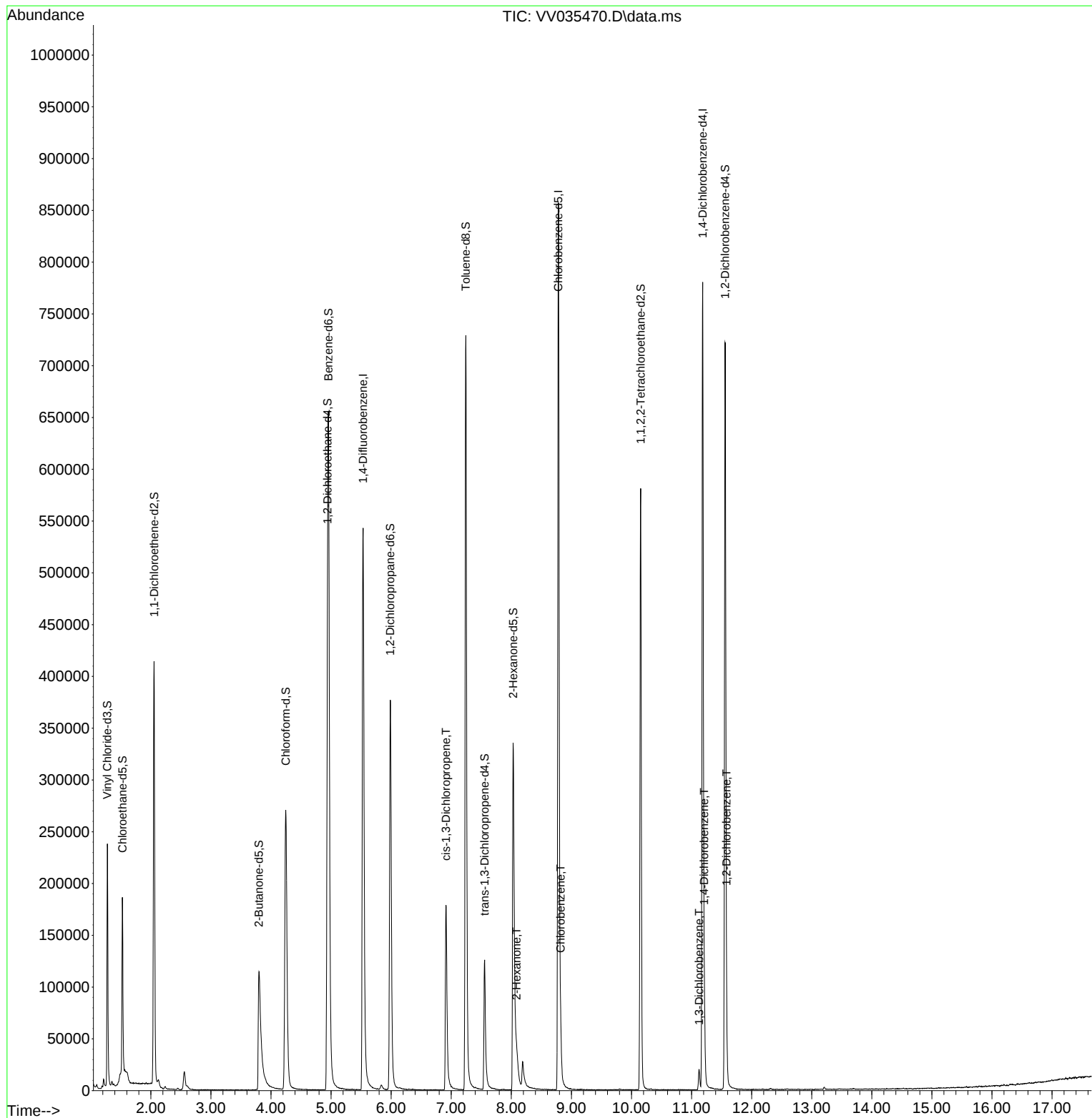
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	489415	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	493127	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	209169	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	159932	40.662	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.320%
7) Chloroethane-d5	1.526	69	105201	46.683	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.360%
11) 1,1-Dichloroethene-d2	2.053	65	69352	43.142	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.280%
21) 2-Butanone-d5	3.799	46	214490	106.403	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.400%
24) Chloroform-d	4.246	84	303492	45.856	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.720%
26) 1,2-Dichloroethane-d4	4.940	65	188986	49.024	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.040%
32) Benzene-d6	4.957	84	598920	46.217	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.440%
36) 1,2-Dichloropropane-d6	5.985	67	195181	48.816	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.640%
41) Toluene-d8	7.243	98	508018	43.494	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.980%
43) trans-1,3-Dichloroprop...	7.554	79	82109	43.899	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.800%
47) 2-Hexanone-d5	8.030	63	122012	105.854	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.850%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	287526	50.454	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.900%
66) 1,2-Dichlorobenzene-d4	11.561	152	193182	52.788	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.580%
Target Compounds						
					Qvalue	
39) cis-1,3-Dichloropropene	6.911	75	4691	0.860	ug/L #	54
48) 2-Hexanone	8.088	43	21678	5.796	ug/L #	72
51) Chlorobenzene	8.818	112	39582	4.059	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	8321	1.339	ug/L	91
65) 1,4-Dichlorobenzene	11.210	146	36026	5.525	ug/L	96
67) 1,2-Dichlorobenzene	11.580	146	16670	2.647	ug/L	97

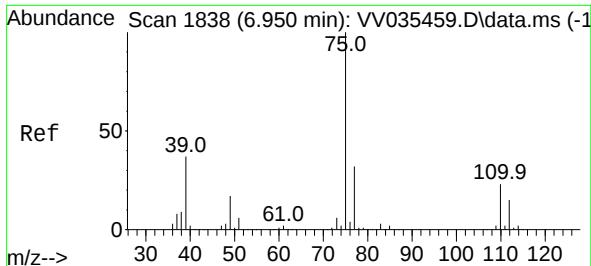
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

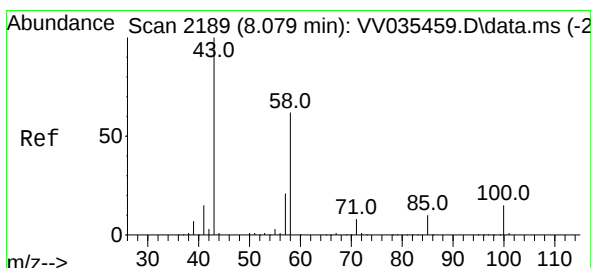
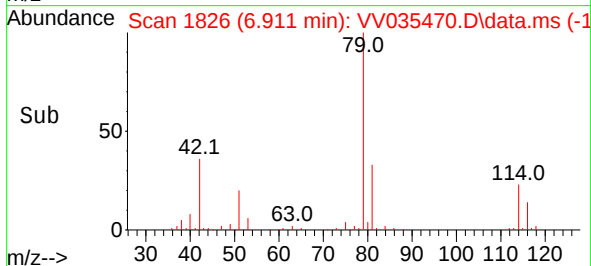
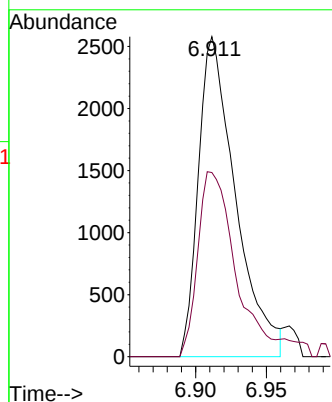
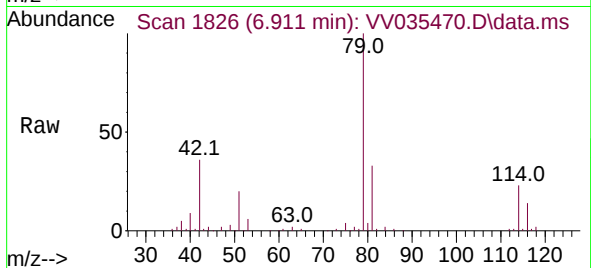




#39
cis-1,3-Dichloropropene
Concen: 0.860 ug/L
RT: 6.911 min Scan# 11
Delta R.T. -0.039 min
Lab File: VV035470.D
Acq: 29 Apr 2024 14:57

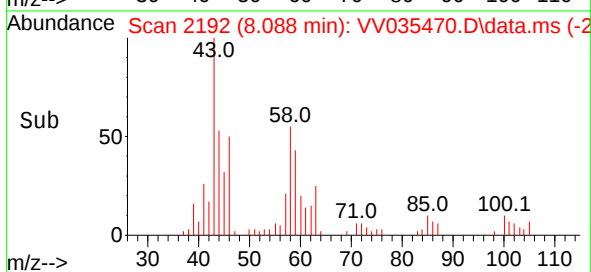
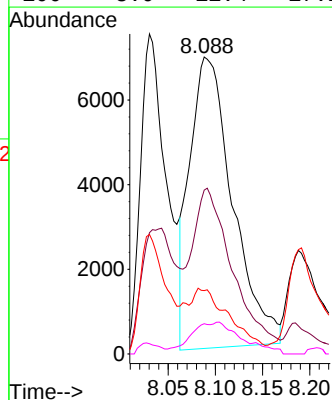
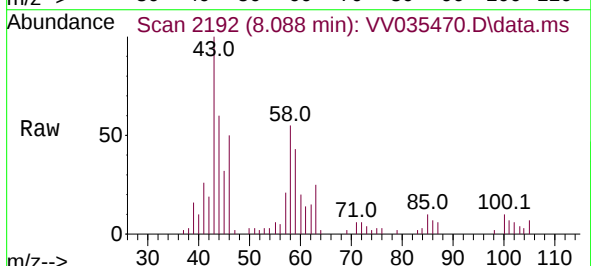
Instrument :
MSVOA_V
ClientSampleId :

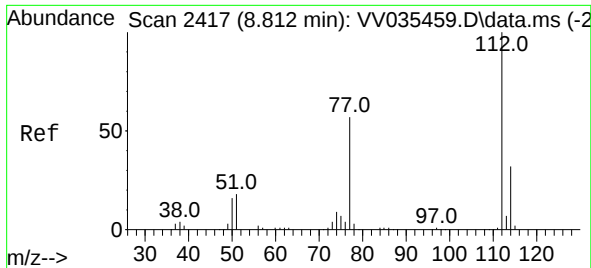
Tgt Ion: 75 Resp: 4691
Ion Ratio Lower Upper
75 100
77 57.5 22.3 41.3#



#48
2-Hexanone
Concen: 5.796 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. 0.010 min
Lab File: VV035470.D
Acq: 29 Apr 2024 14:57

Tgt Ion: 43 Resp: 21678
Ion Ratio Lower Upper
43 100
58 44.2 49.4 74.0#
57 1.3 17.1 25.7#
100 3.9 11.4 17.2#

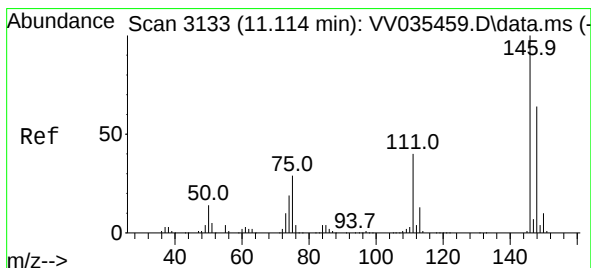
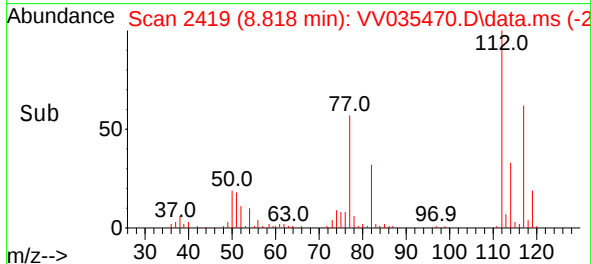
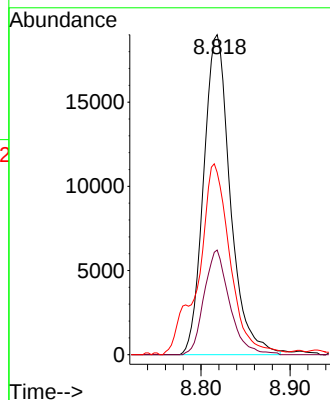
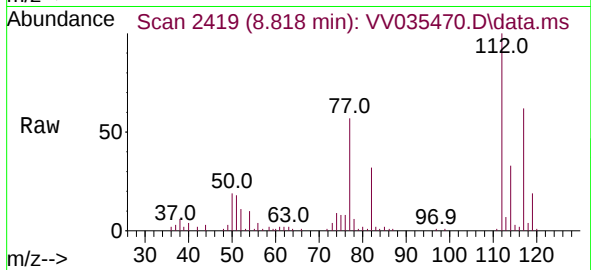




#51
Chlorobenzene
Concen: 4.059 ug/L
RT: 8.818 min Scan# 2417
Delta R.T. 0.006 min
Lab File: VV035470.D
Acq: 29 Apr 2024 14:57

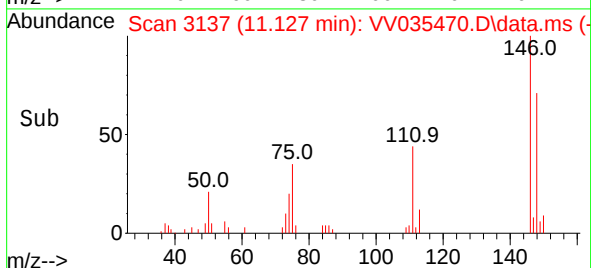
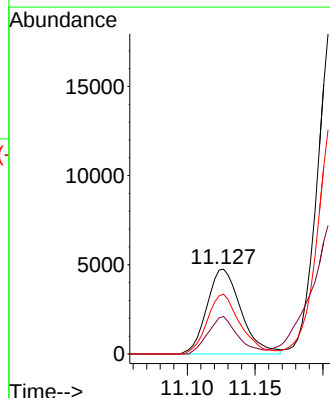
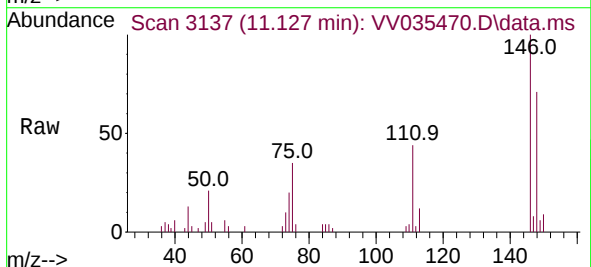
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MSVOA_V
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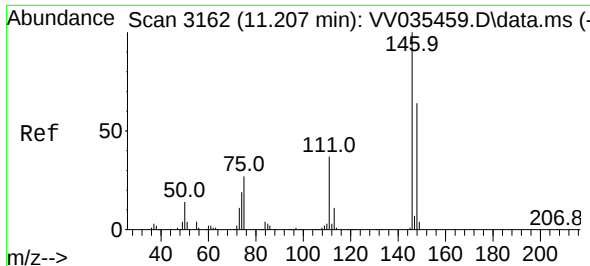
Tgt Ion:112 Resp: 39582
Ion Ratio Lower Upper
112 100
114 32.7 22.4 41.6
77 57.0 45.6 68.4



#64
1,3-Dichlorobenzene
Concen: 1.339 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.013 min
Lab File: VV035470.D
Acq: 29 Apr 2024 14:57

Tgt Ion:146 Resp: 8321
Ion Ratio Lower Upper
146 100
111 44.1 27.0 50.2
148 70.5 44.2 82.2





#65

1,4-Dichlorobenzene

Concen: 5.525 ug/L

RT: 11.210 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV035470.D

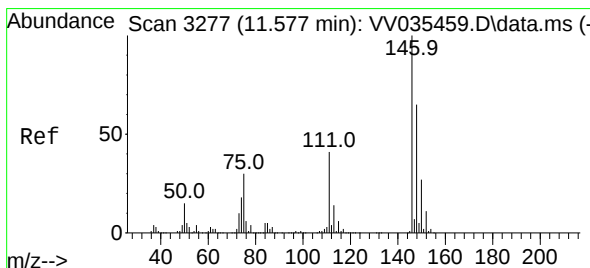
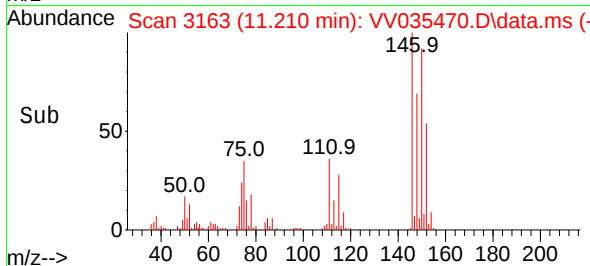
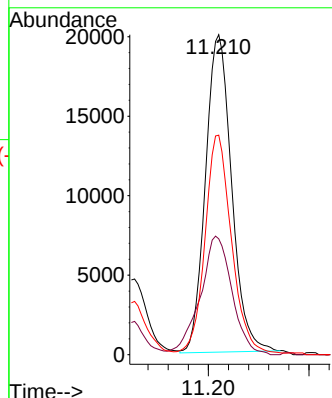
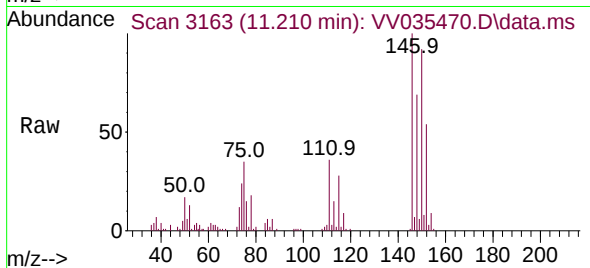
Acq: 29 Apr 2024 14:57

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:146	Resp:	36026
Ion Ratio	Lower	Upper
146	100	
111	36.2	26.5 49.1
148	68.6	45.0 83.6



#67

1,2-Dichlorobenzene

Concen: 2.647 ug/L

RT: 11.580 min Scan# 3278

Delta R.T. 0.003 min

Lab File: VV035470.D

Acq: 29 Apr 2024 14:57

Tgt Ion:146	Resp:	16670
Ion Ratio	Lower	Upper
146	100	
111	42.4	33.3 49.9
148	62.0	52.2 78.2

