

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062424\
 Data File : VV036237.D
 Acq On : 24 Jun 2024 11:40
 Operator : SY/MD
 Sample : P2856-13
 Misc : 5.01g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 28 14:52:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 26 04:03:41 2024
 Response via : Initial Calibration

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

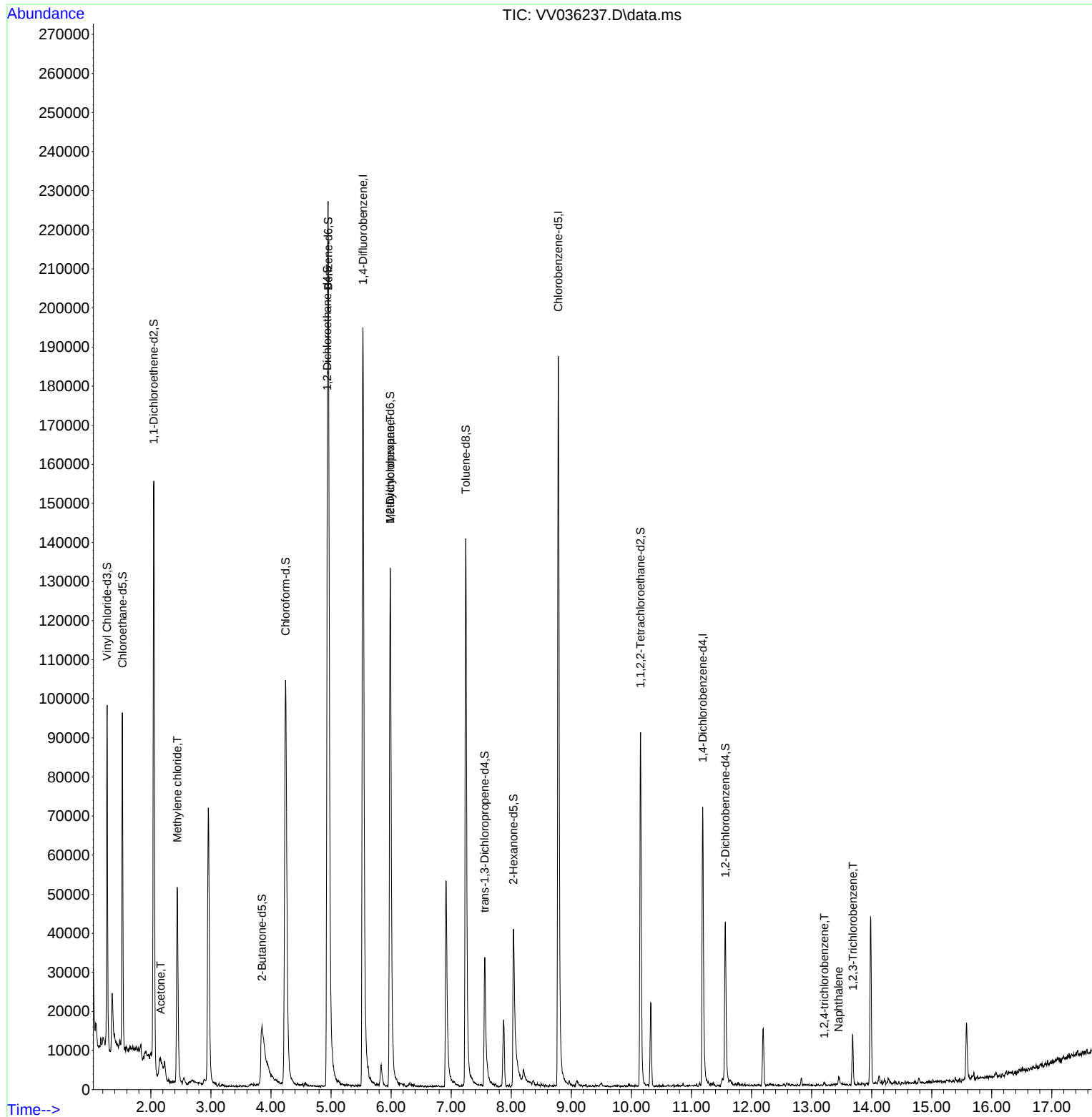
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	177100	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	111834	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	21317	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	57445	17.643	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.560%
7) Chloroethane-d5	1.526	69	58000	22.340	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.360%
11) 1,1-Dichloroethene-d2	2.047	65	24300	16.765	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.040%
21) 2-Butanone-d5	3.850	46	32060	42.916	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.840%
24) Chloroform-d	4.243	84	117738	20.911	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.640%
26) 1,2-Dichloroethane-d4	4.937	65	81241	27.520	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.080%
32) Benzene-d6	4.953	84	191787	28.850	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.400%
36) 1,2-Dichloropropane-d6	5.985	67	69640	33.266	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	133.080%#
41) Toluene-d8	7.243	98	103152	17.586	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.360%
43) trans-1,3-Dichloroprop...	7.558	79	22619	26.352	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.400%
47) 2-Hexanone-d5	8.037	63	16760	59.091	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.180%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	45698	29.212	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.840%
66) 1,2-Dichlorobenzene-d4	11.564	152	11456	14.655	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	58.600%#
Target Compounds						
					Qvalue	
13) Acetone	2.162	43	8002	6.877	ug/L	86
16) Methylene chloride	2.439	84	22110	5.517	ug/L	97
35) Methylcyclohexane	5.985	83	16837	5.431	ug/L #	19
70) 1,2,4-trichlorobenzene	13.210	180	365	0.431	ug/L #	83
71) Naphthalene	13.451	128	2748	1.991	ug/L #	89
72) 1,2,3-Trichlorobenzene	13.686	180	527	0.683	ug/L	94

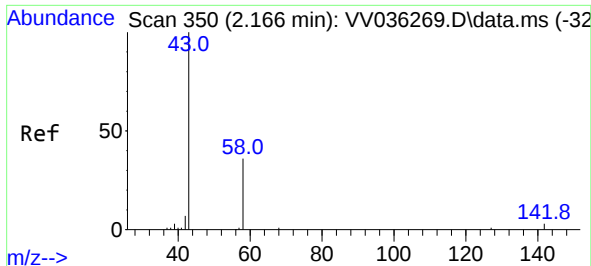
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 26 04:03:41 2024
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#13

Acetone

Concen: 6.877 ug/L

RT: 2.162 min Scan# 34

Delta R.T. -0.003 min

Lab File: VV036237.D

Acq: 24 Jun 2024 11:40

Instrument :

MSVOA_V

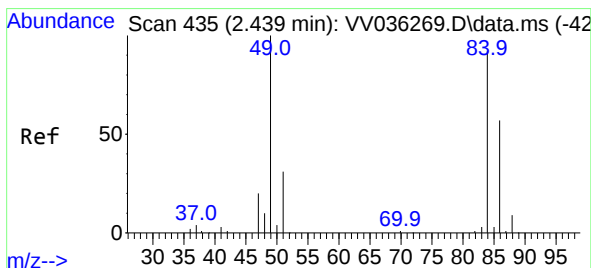
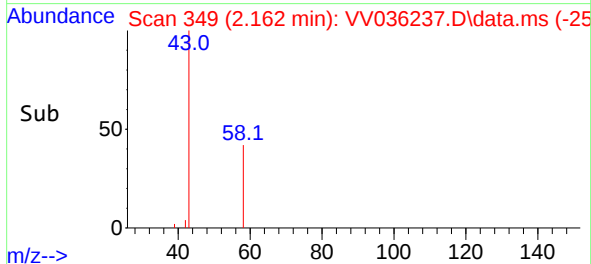
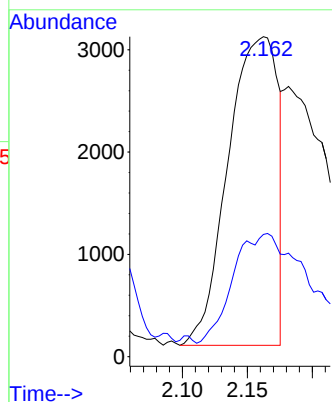
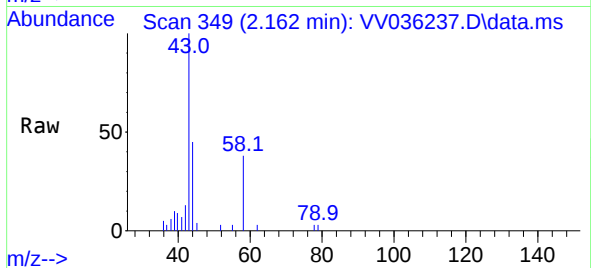
ClientSampleId :

Tgt Ion: 43 Resp: 8002

Ion Ratio Lower Upper

43 100

58 17.6 0.0 24.2



#16

Methylene chloride

Concen: 5.517 ug/L

RT: 2.439 min Scan# 435

Delta R.T. -0.000 min

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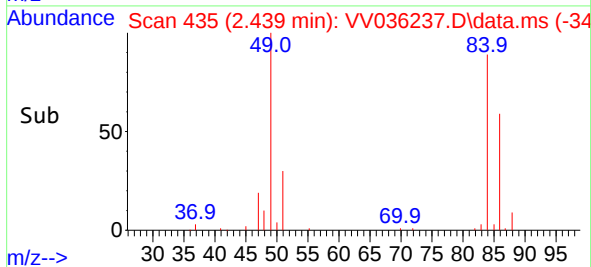
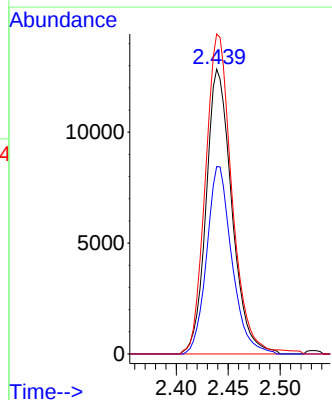
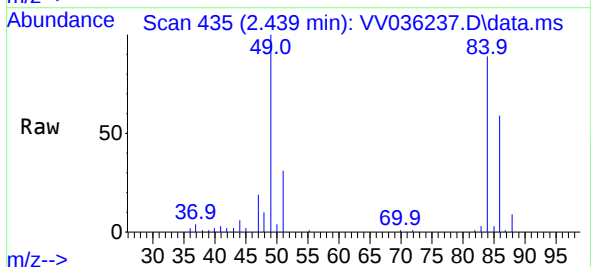
Tgt Ion: 84 Resp: 22110

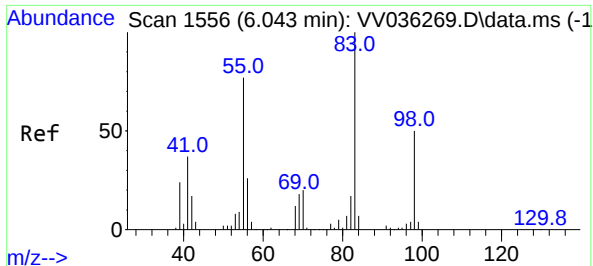
Ion Ratio Lower Upper

84 100

86 65.8 44.6 82.8

49 112.4 81.1 150.5

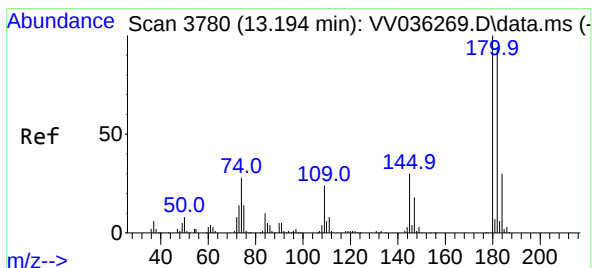
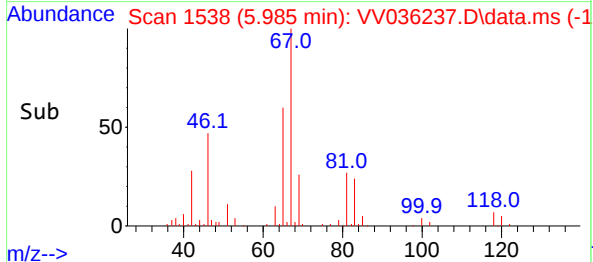
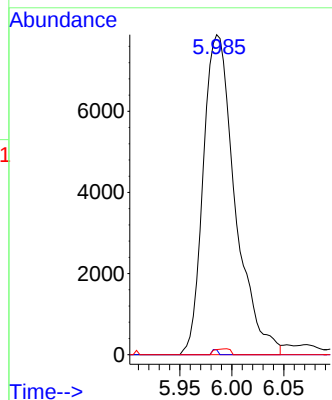
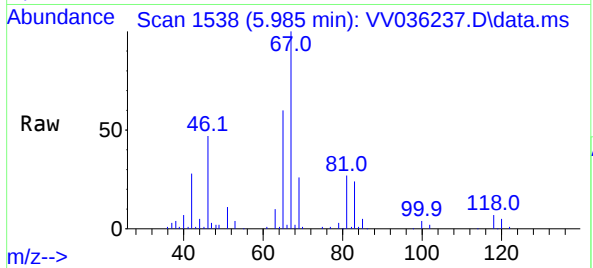




#35
Methylcyclohexane
Concen: 5.431 ug/L
RT: 5.985 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV036237.D
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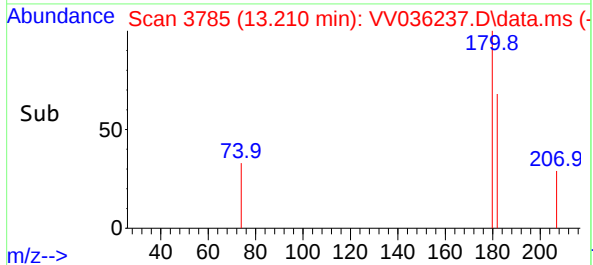
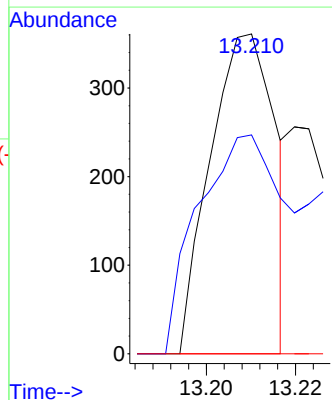
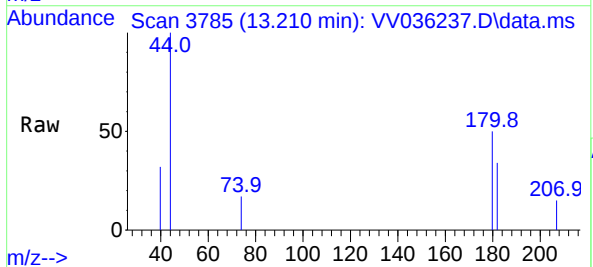
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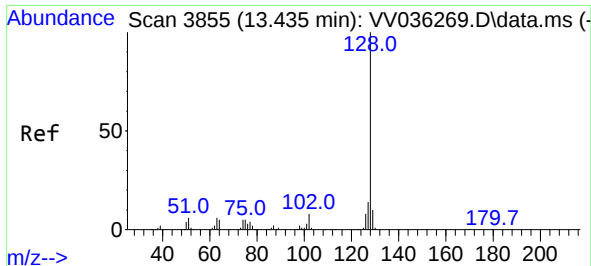
Tgt Ion: 83 Resp: 16837
Ion Ratio Lower Upper
83 100
55 0.3 60.7 91.1#
98 0.9 38.7 58.1#



#70
1,2,4-trichlorobenzene
Concen: 0.431 ug/L
RT: 13.210 min Scan# 3785
Delta R.T. 0.016 min
Lab File: VV036237.D
Acq: 24 Jun 2024 11:40

Tgt Ion:180 Resp: 365
Ion Ratio Lower Upper
180 100
182 90.1 76.1 114.1
145 0.0 23.5 35.3#

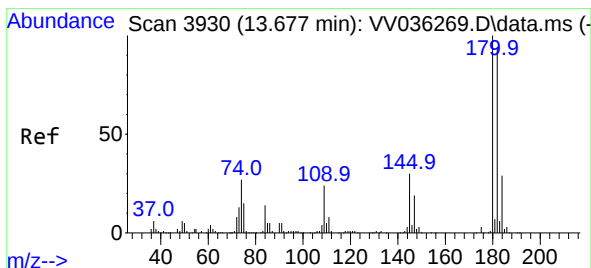
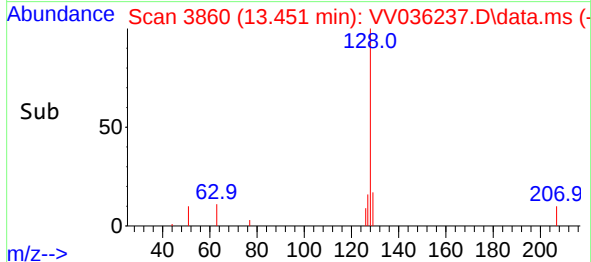
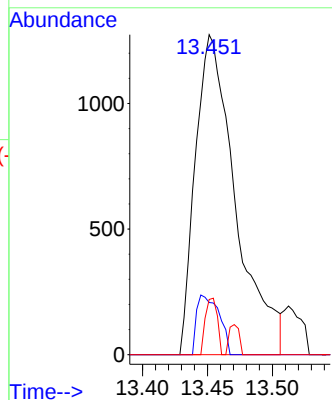
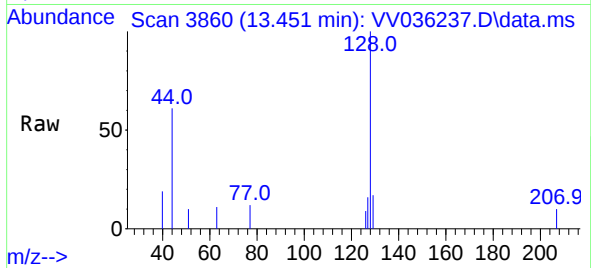




#71
Naphthalene
Concen: 1.991 ug/L
RT: 13.451 min Scan# 3860
Delta R.T. 0.016 min
Lab File: VV036237.D
Acq: 24 Jun 2024 11:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 2748
Ion Ratio Lower Upper
128 100
127 10.4 10.6 16.0#
129 5.2 8.8 13.2#



#72
1,2,3-Trichlorobenzene
Concen: 0.683 ug/L
RT: 13.686 min Scan# 3933
Delta R.T. 0.009 min
Lab File: VV036237.D
Acq: 24 Jun 2024 11:40

Tgt Ion:180 Resp: 527
Ion Ratio Lower Upper
180 100
182 86.9 75.1 112.7
145 30.2 25.2 37.8

