

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120222\
 Data File : VL039967.D
 Acq On : 2 Dec 2022 12:27
 Operator : SY/MD
 Sample : N5825-02DL2 80X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OTC-SSDL2

Quant Time: Dec 02 23:22:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Dec 02 23:21:36 2022
 Response via : Initial Calibration

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

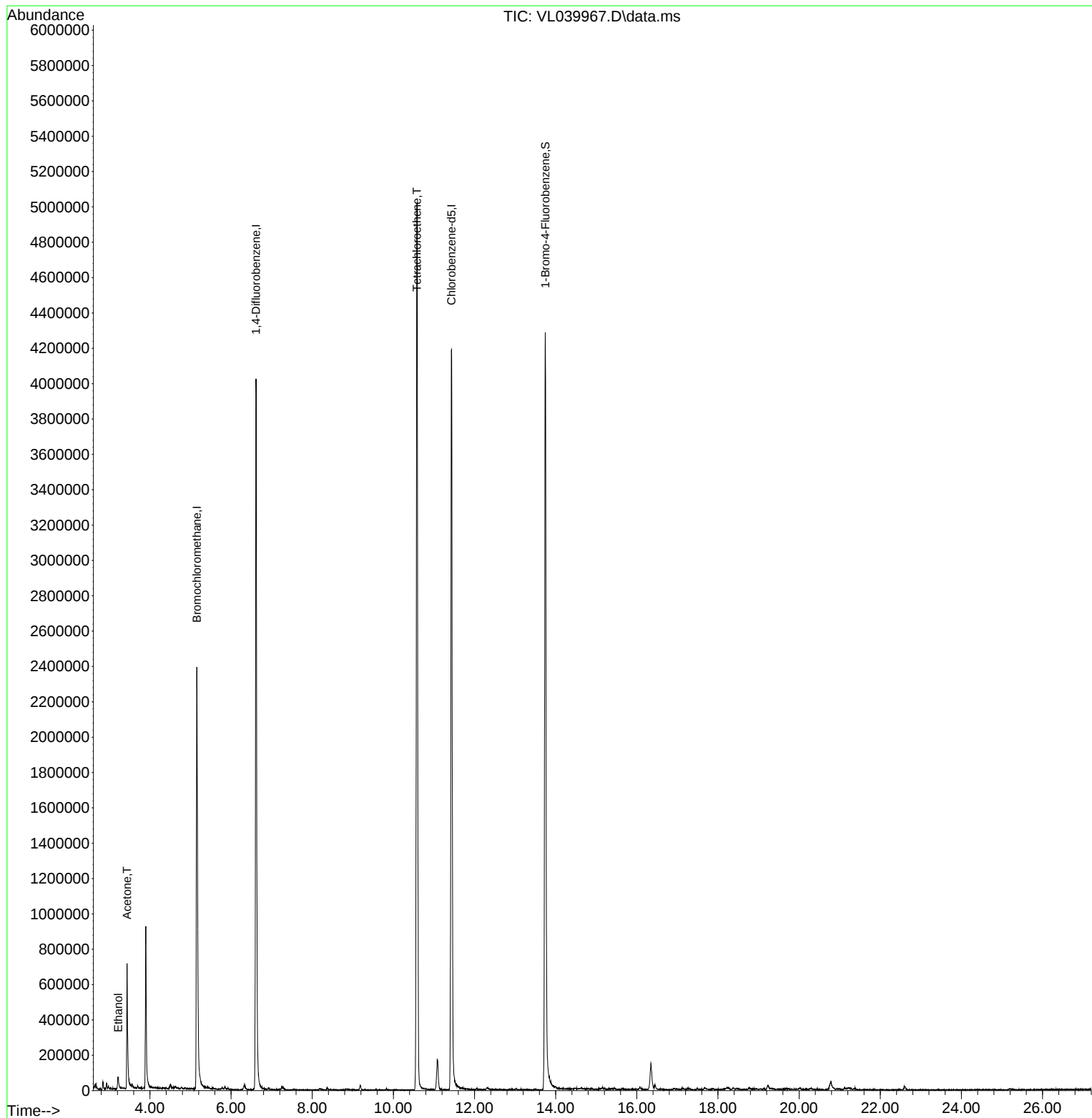
Internal Standards						
1) Bromochloromethane	5.156	49	1092665	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.616	114	3157064	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.433	117	2850808	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.744	95	2271838	10.433	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.300%
Target Compounds						
13) Ethanol	3.217	45	80170	14.785	ppbv	Qvalue 95
15) Acetone	3.436	43	713976	4.926	ppbv	98
52) Tetrachloroethene	10.581	164	1254903	12.501	ppbv	95

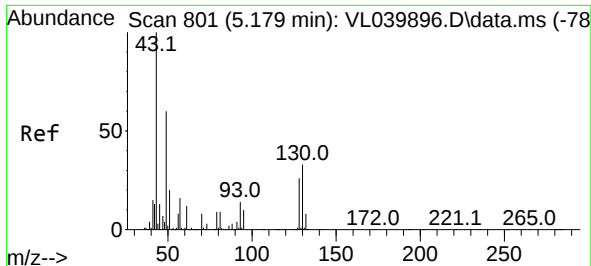
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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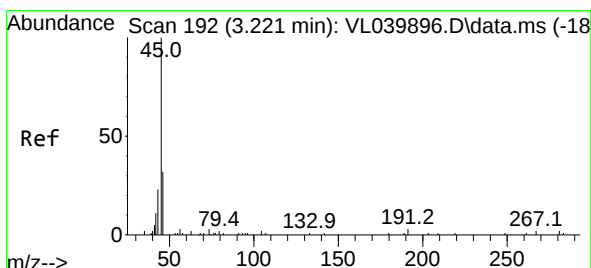
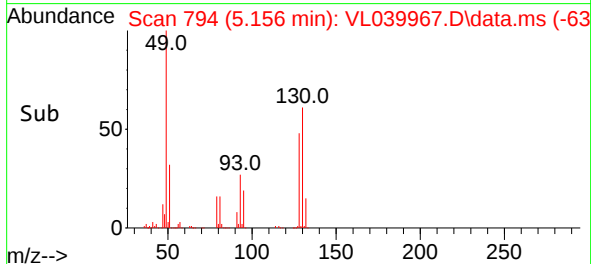
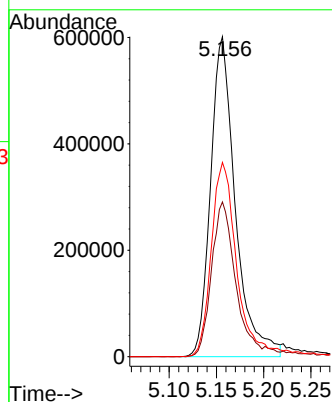
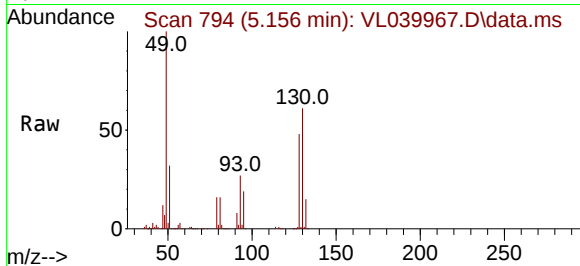




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.156 min Scan# 794
Delta R.T. 0.000 min
Lab File: VL039967.D
Acq: 2 Dec 2022 12:27

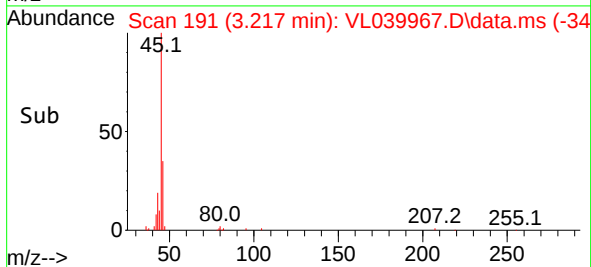
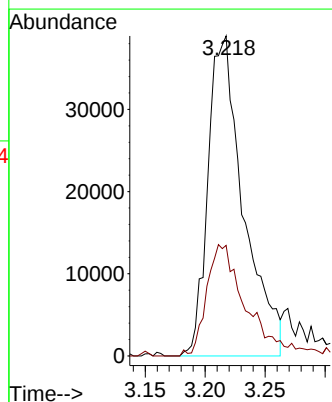
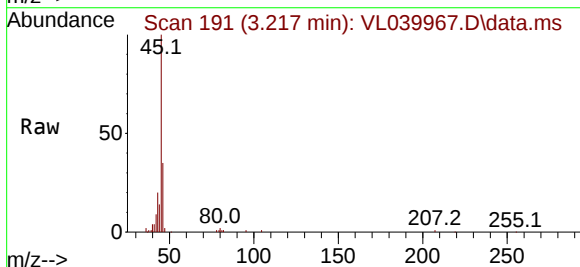
Instrument :
MSVOA_1
ClientSampleId :
OTC-SSDL2

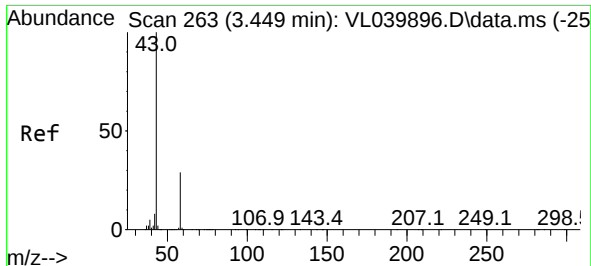
Tgt Ion: 49 Resp: 1092665
Ion Ratio Lower Upper
49 100
128 51.1 22.1 66.3
130 64.6 27.7 83.1



#13
Ethanol
Concen: 14.785 ppbv
RT: 3.217 min Scan# 191
Delta R.T. 0.003 min
Lab File: VL039967.D
Acq: 2 Dec 2022 12:27

Tgt Ion: 45 Resp: 80170
Ion Ratio Lower Upper
45 100
46 39.5 14.6 58.2

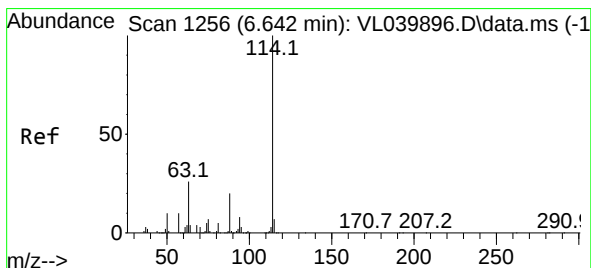
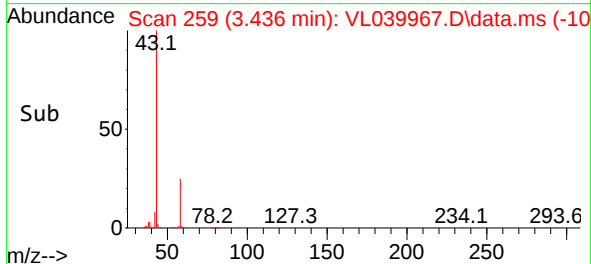
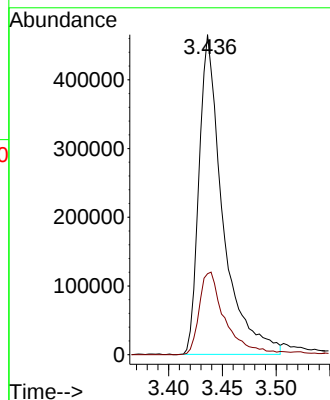
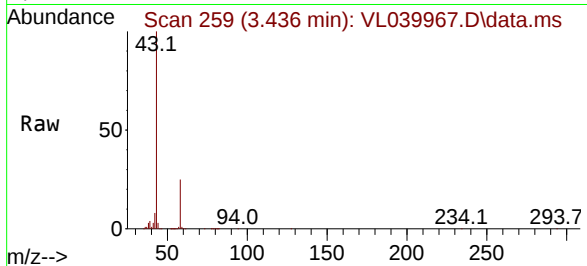




#15
Acetone
Concen: 4.926 ppbv
RT: 3.436 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL039967.D
Acq: 2 Dec 2022 12:27

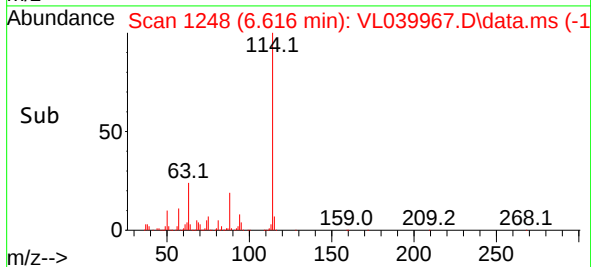
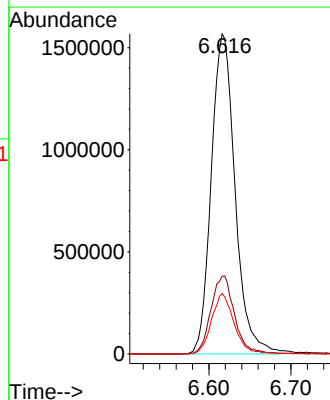
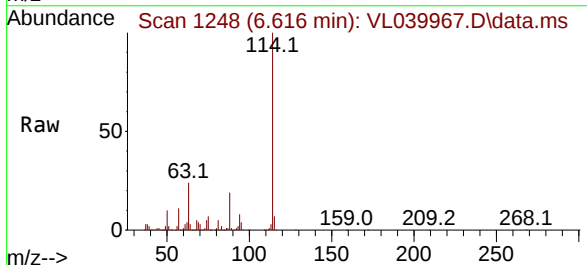
Instrument :
MSVOA_1
ClientSampleId :
OTC-SSDL2

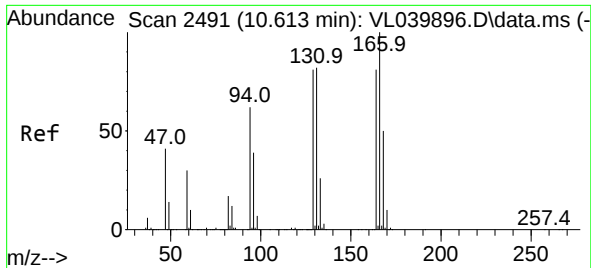
Tgt Ion: 43 Resp: 713976
Ion Ratio Lower Upper
43 100
58 29.7 22.9 34.3



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.616 min Scan# 1248
Delta R.T. -0.003 min
Lab File: VL039967.D
Acq: 2 Dec 2022 12:27

Tgt Ion: 114 Resp: 3157064
Ion Ratio Lower Upper
114 100
63 24.4 21.4 32.0
88 18.1 15.3 22.9

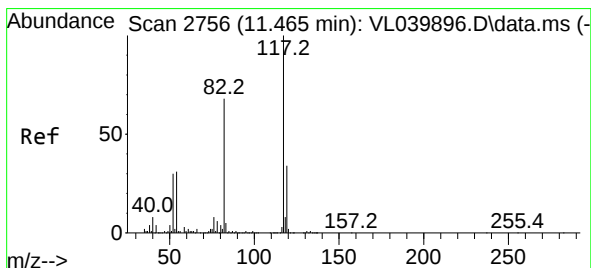
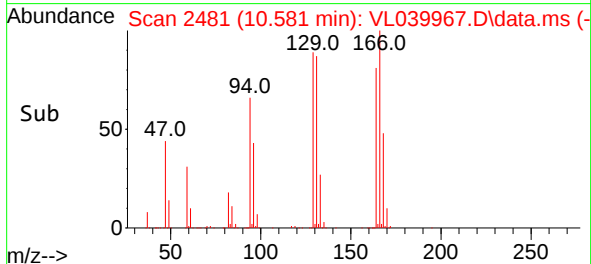
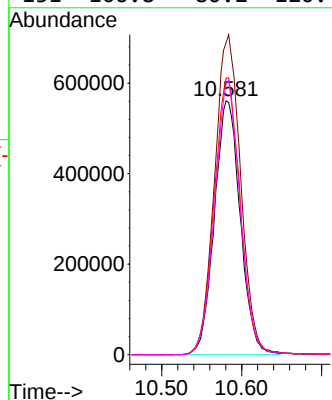
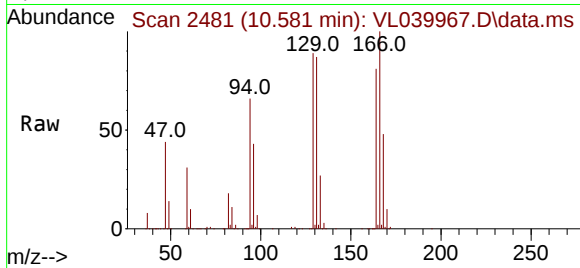




#52
Tetrachloroethene
Concen: 12.501 ppbv
RT: 10.581 min Scan# 2491
Delta R.T. 0.000 min
Lab File: VL039967.D
Acq: 2 Dec 2022 12:27

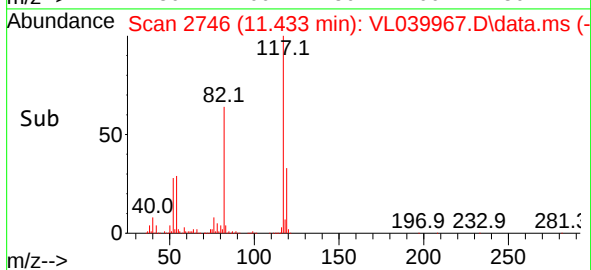
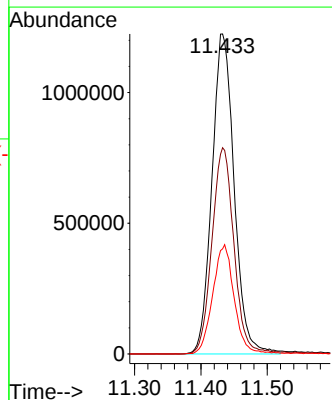
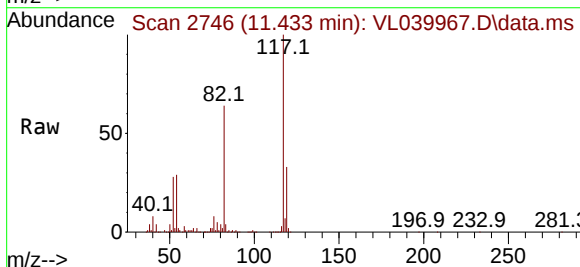
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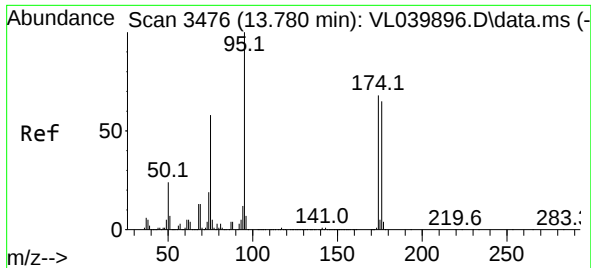
Tgt Ion:164 Resp: 1254903
Ion Ratio Lower Upper
164 100
166 123.0 98.3 147.5
129 109.0 79.7 119.5
131 106.8 80.2 120.4



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.433 min Scan# 2746
Delta R.T. 0.000 min
Lab File: VL039967.D
Acq: 2 Dec 2022 12:27

Tgt Ion:117 Resp: 2850808
Ion Ratio Lower Upper
117 100
82 64.6 52.3 78.5
119 33.1 25.7 38.5





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.433 ppbv
 RT: 13.744 min Scan# 34
 Delta R.T. 0.003 min
 Lab File: VL039967.D
 Acq: 2 Dec 2022 12:27

Instrument :
 MSVOA_L
 ClientSampleId :
 OTC-SSDL2

Tgt Ion: 95 Resp: 2271838

Ion	Ratio	Lower	Upper
95	100		
174	63.5	53.7	80.5
175	4.4	4.0	6.0

