

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041422\
 Data File : VU048055.D
 Acq On : 14 Apr 2022 14:02
 Operator : SY/MD
 Sample : N2386-14 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J38

Quant Time: Apr 15 02:26:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 15 02:23:12 2022
 Response via : Initial Calibration

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

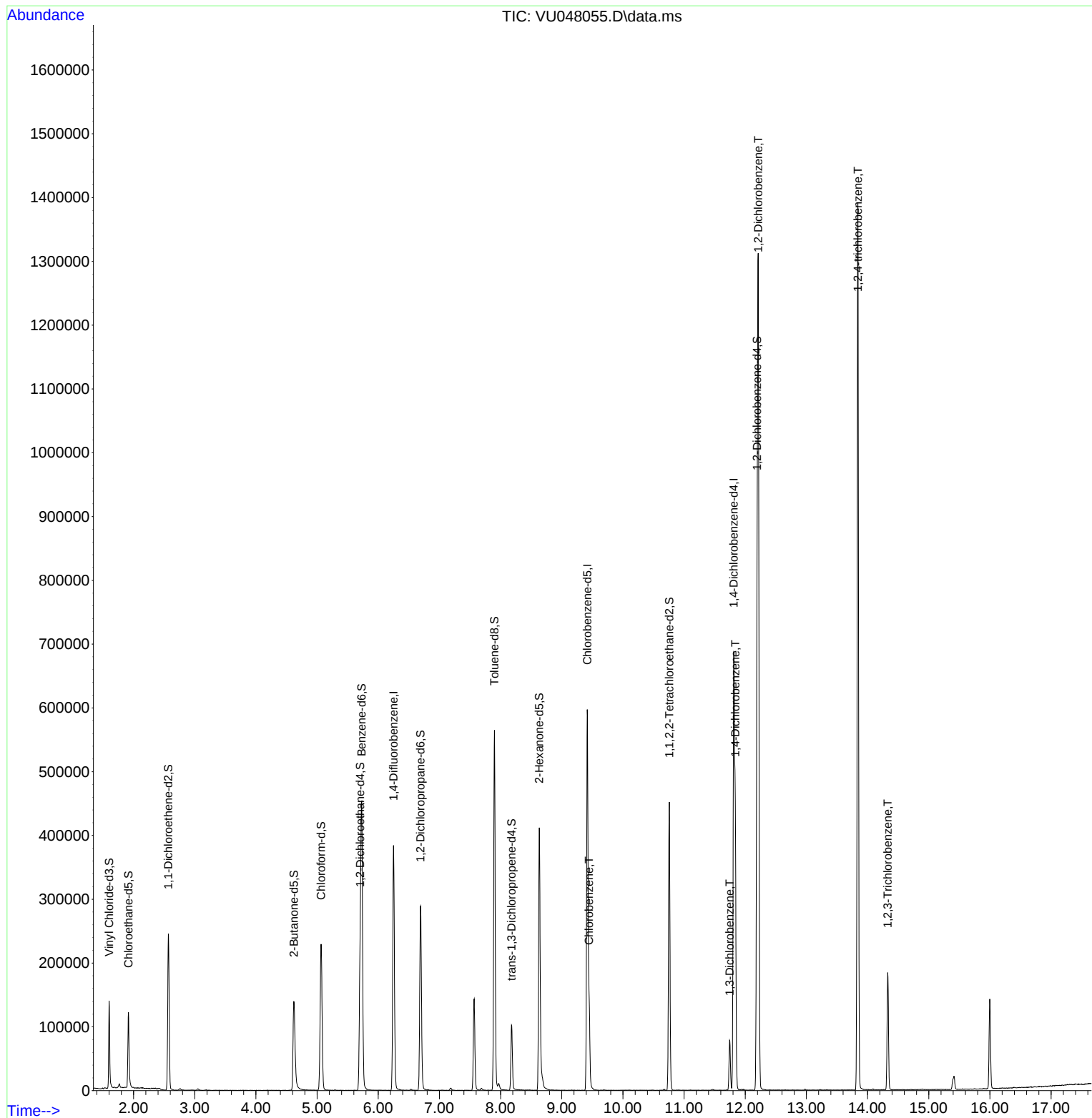
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	324132	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	349329	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	184764	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	101759	43.293	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.580%
7) Chloroethane-d5	1.916	69	96066	51.833	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.660%
11) 1,1-Dichloroethene-d2	2.568	63	139159	32.359	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.720%
21) 2-Butanone-d5	4.620	46	203939	101.086	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.090%
24) Chloroform-d	5.067	84	215959	50.214	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.420%
26) 1,2-Dichloroethane-d4	5.703	65	140740	53.356	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.720%
32) Benzene-d6	5.729	84	428869	48.790	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.580%
36) 1,2-Dichloropropane-d6	6.690	67	143212	53.051	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.100%
41) Toluene-d8	7.899	98	378073	44.146	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.300%
43) trans-1,3-Dichloroprop...	8.179	79	58337	42.656	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.320%
47) 2-Hexanone-d5	8.633	63	145421	92.021	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.020%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	224173	48.388	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.780%
66) 1,2-Dichlorobenzene-d4	12.195	152	174499	53.086	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.180%
Target Compounds						
					Qvalue	
51) Chlorobenzene	9.446	112	70792	9.397	ug/L	97
64) 1,3-Dichlorobenzene	11.745	146	34974	6.301	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	178208	30.999	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	502698	90.519	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	454312	115.069	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	60606	15.312	ug/L	100

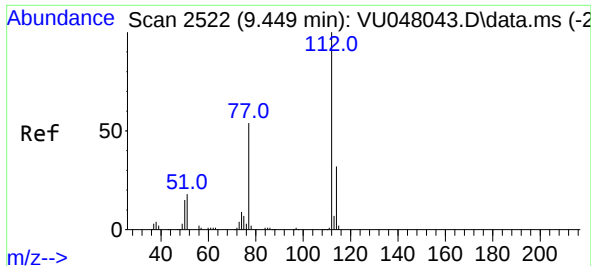
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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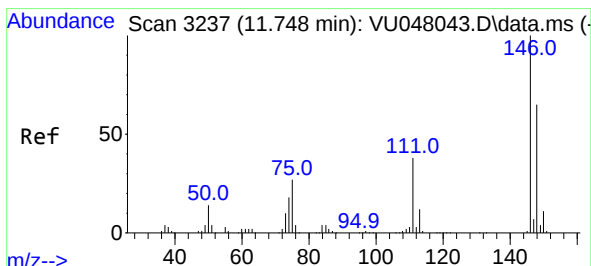
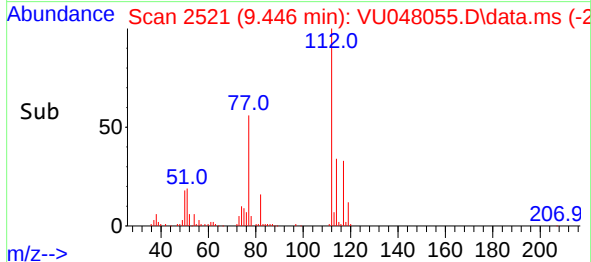
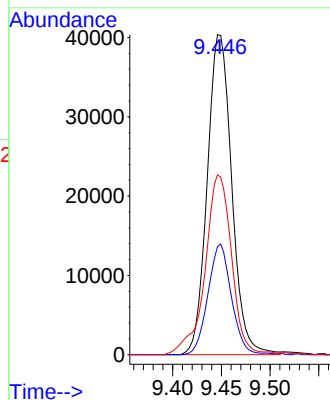
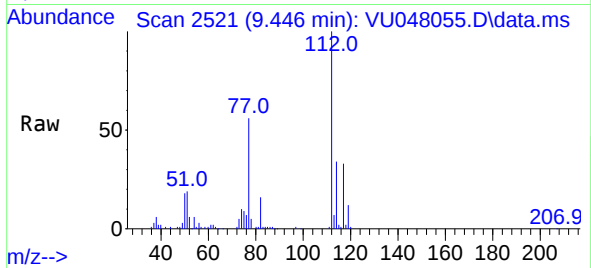




#51
Chlorobenzene
Concen: 9.397 ug/L
RT: 9.446 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU048055.D
Acq: 14 Apr 2022 14:02

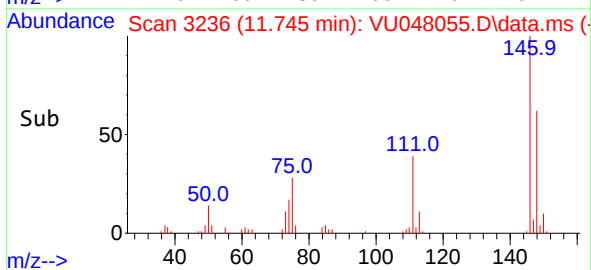
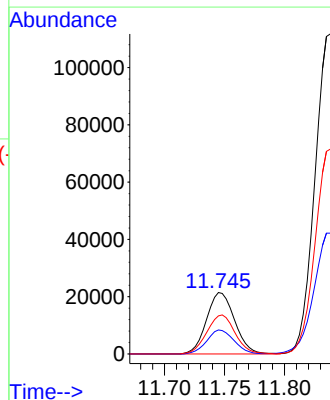
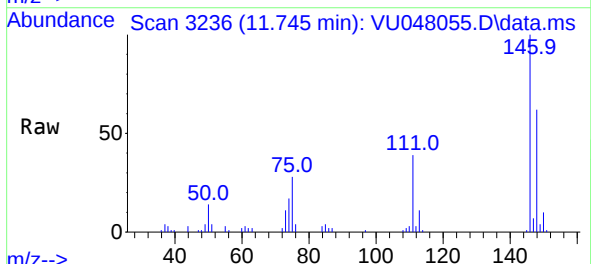
Instrument :
MSVOA_U
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C0J38

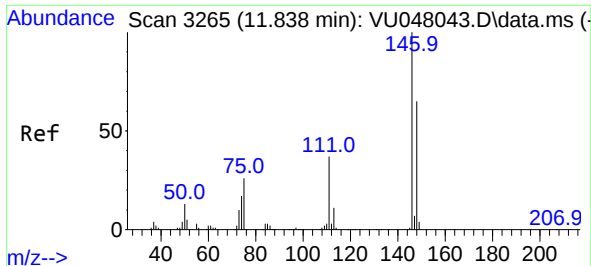
Tgt Ion:112 Resp: 70792
Ion Ratio Lower Upper
112 100
114 33.7 22.1 41.1
77 56.2 43.4 65.0



#64
1,3-Dichlorobenzene
Concen: 6.301 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. -0.003 min
Lab File: VU048055.D
Acq: 14 Apr 2022 14:02

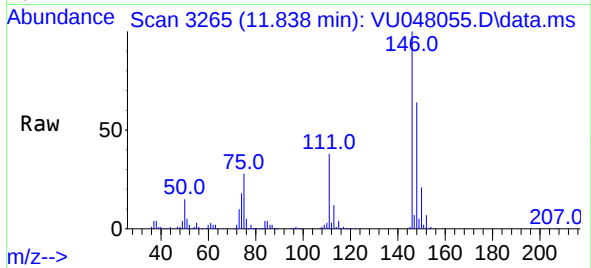
Tgt Ion:146 Resp: 34974
Ion Ratio Lower Upper
146 100
111 39.1 26.7 49.7
148 62.1 44.4 82.5



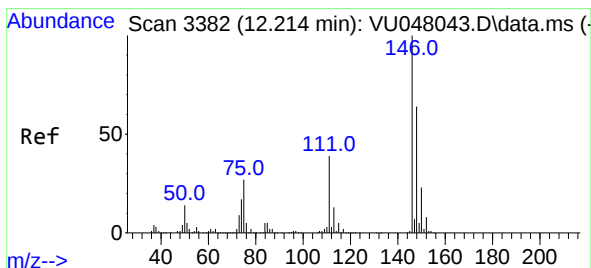
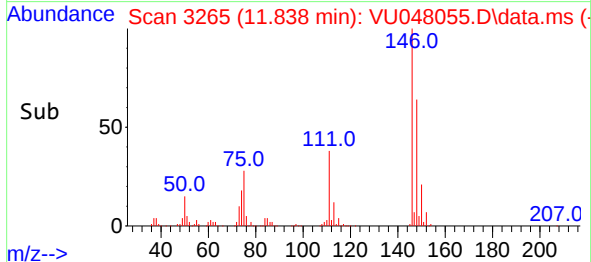
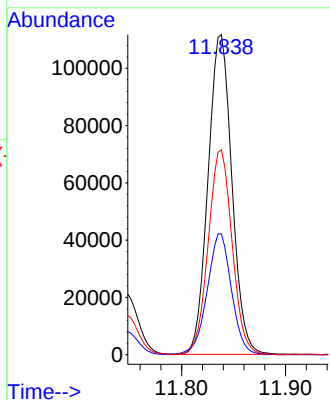


#65
1,4-Dichlorobenzene
Concen: 30.999 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU048055.D
Acq: 14 Apr 2022 14:02

Instrument :
MSVOA_U
ClientSampleId :
C0J38

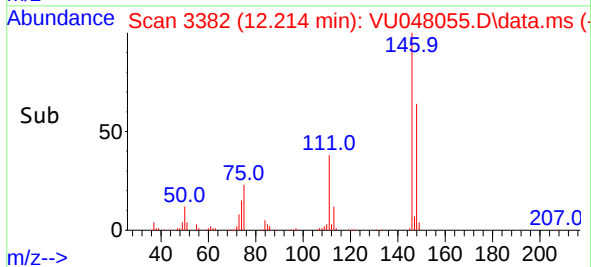
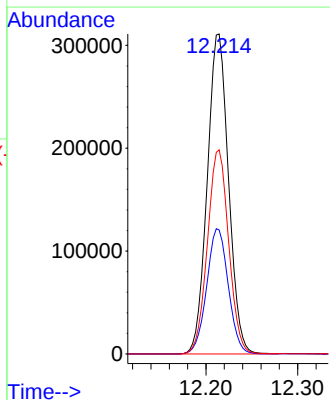
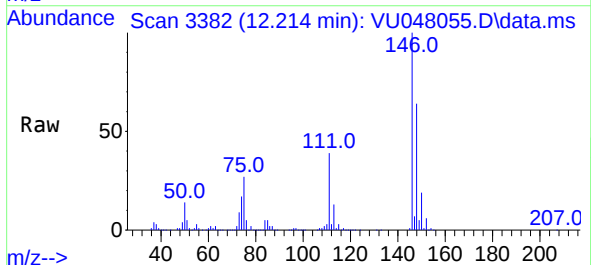


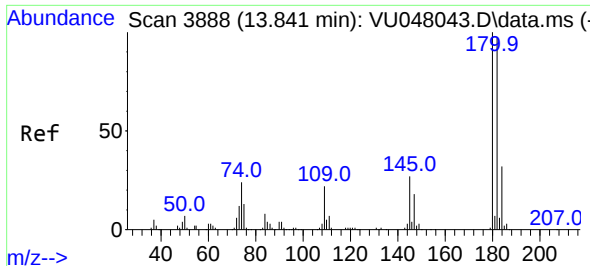
Tgt Ion:146 Resp: 178208
Ion Ratio Lower Upper
146 100
111 37.7 25.3 47.1
148 64.0 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 90.519 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU048055.D
Acq: 14 Apr 2022 14:02

Tgt Ion:146 Resp: 502698
Ion Ratio Lower Upper
146 100
111 38.8 31.7 47.5
148 63.8 51.4 77.2

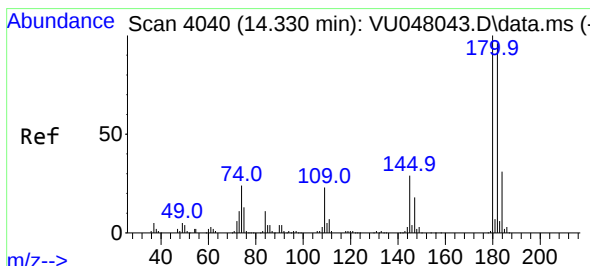
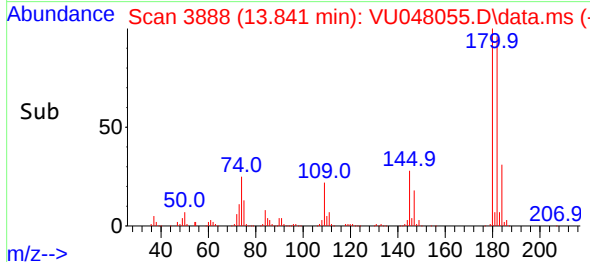
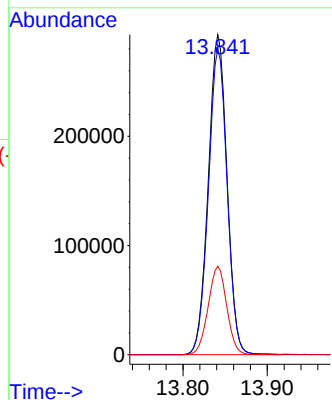
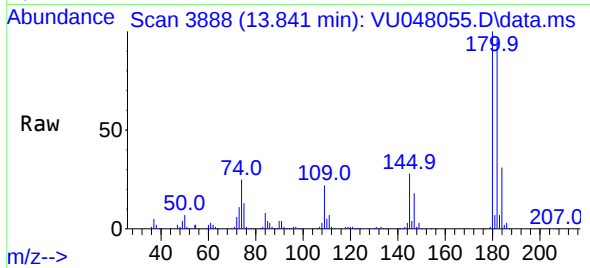




#70
1,2,4-trichlorobenzene
Concen: 115.069 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU048055.D
Acq: 14 Apr 2022 14:02

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Tgt Ion:180 Resp: 454312
Ion Ratio Lower Upper
180 100
182 95.2 76.2 114.2
145 27.4 21.8 32.8



#72
1,2,3-Trichlorobenzene
Concen: 15.312 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU048055.D
Acq: 14 Apr 2022 14:02

Tgt Ion:180 Resp: 60606
Ion Ratio Lower Upper
180 100
182 97.0 77.4 116.0
145 28.9 22.8 34.2

