

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032924\
 Data File : VW034907.D
 Acq On : 29 Mar 2024 15:49
 Operator : SY/MD
 Sample : P1934-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0R38

Quant Time: Mar 30 02:15:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 29 00:23:40 2024
 Response via : Initial Calibration

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

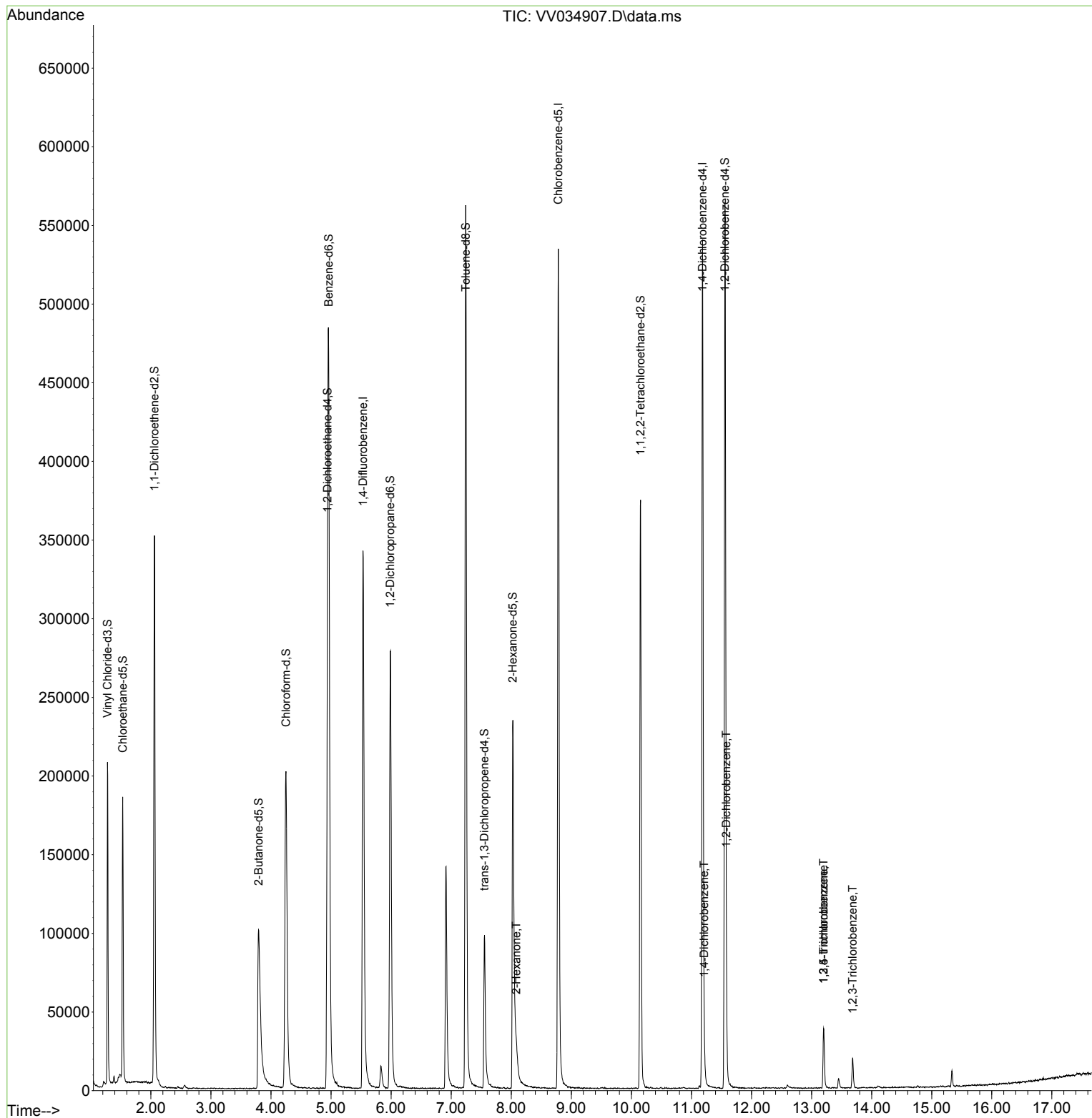
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	305151	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	298522	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	139350	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	131145	44.501	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.000%
7) Chloroethane-d5	1.532	69	114944	44.906	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.820%
11) 1,1-Dichloroethene-d2	2.060	65	59901	46.369	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.740%
21) 2-Butanone-d5	3.793	46	135028	77.256	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.260%
24) Chloroform-d	4.249	84	217801	43.957	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.920%
26) 1,2-Dichloroethane-d4	4.941	65	139790	44.437	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.880%
32) Benzene-d6	4.960	84	444868	44.365	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.720%
36) 1,2-Dichloropropane-d6	5.986	67	142562	44.771	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.540%
41) Toluene-d8	7.243	98	385414	42.679	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.360%
43) trans-1,3-Dichloroprop...	7.555	79	61001	39.406	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.820%
47) 2-Hexanone-d5	8.024	63	83139	69.058	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	69.060%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	183155	41.769	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.540%
66) 1,2-Dichlorobenzene-d4	11.558	152	143185	45.765	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.520%
Target Compounds						Qvalue
48) 2-Hexanone	8.085	43	17113	5.858	ug/L	# 66
65) 1,4-Dichlorobenzene	11.214	146	5112	1.071	ug/L	88
67) 1,2-Dichlorobenzene	11.580	146	13247	2.833	ug/L	97
69) 1,3,5-Trichlorobenzene	13.201	180	12017	3.552	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	12017	3.867	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	5800	1.893	ug/L	96

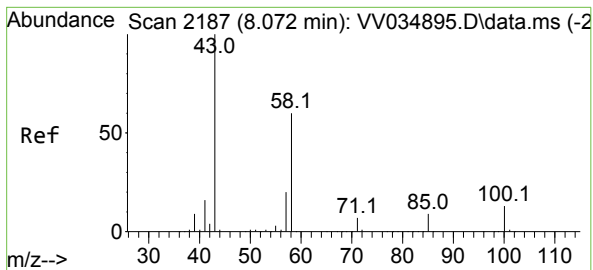
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Mar 29 00:23:40 2024
Response via : Initial Calibration





#48

2-Hexanone

Concen: 5.858 ug/L

RT: 8.085 min Scan# 2187

Delta R.T. 0.013 min

Lab File: VV034907.D

Acq: 29 Mar 2024 15:49

Instrument :

MSVOA_V

ClientSampleId :

C0R38

Tgt Ion: 43 Resp: 17113

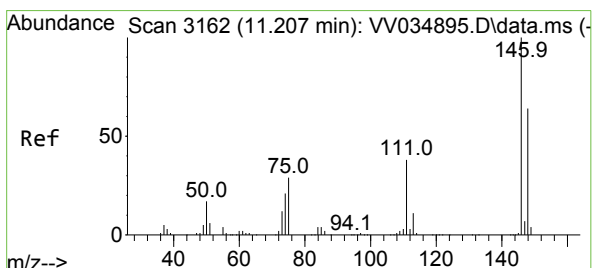
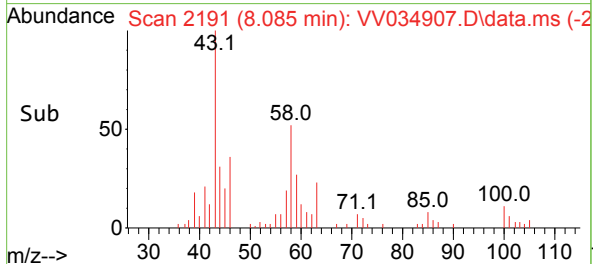
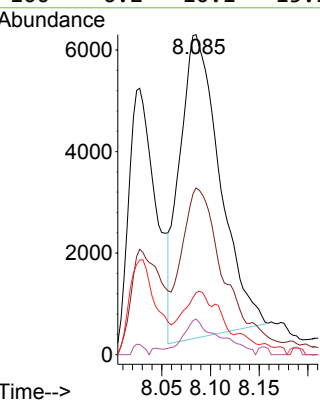
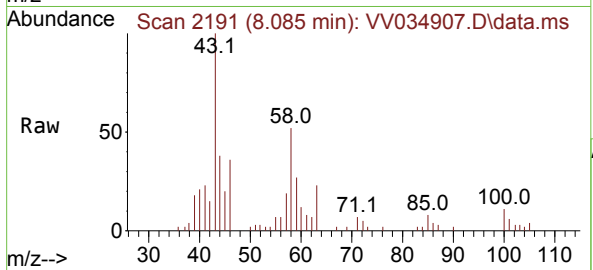
Ion Ratio Lower Upper

43 100

58 28.4 45.4 68.2#

57 6.2 16.2 24.4#

100 6.2 10.1 15.1#



#65

1,4-Dichlorobenzene

Concen: 1.071 ug/L

RT: 11.214 min Scan# 3164

Delta R.T. 0.007 min

Lab File: VV034907.D

Acq: 29 Mar 2024 15:49

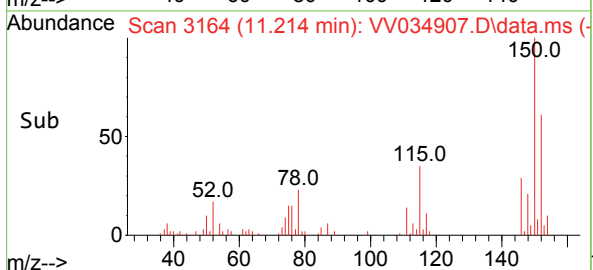
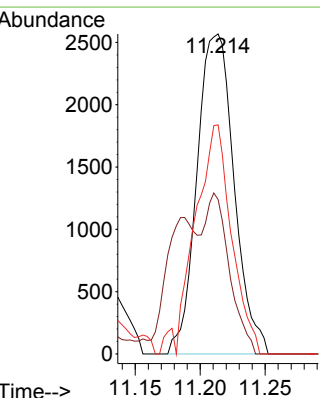
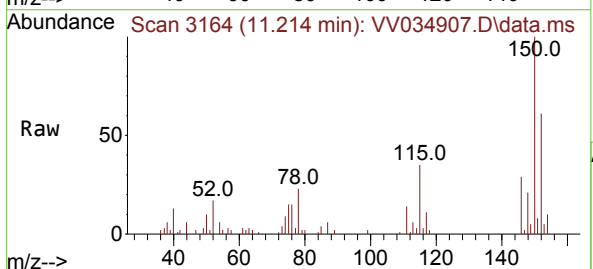
Tgt Ion: 146 Resp: 5112

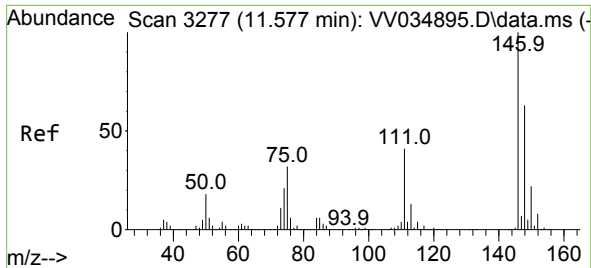
Ion Ratio Lower Upper

146 100

111 48.2 27.4 50.8

148 71.6 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 2.833 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV034907.D

Acq: 29 Mar 2024 15:49

Instrument :

MSVOA_V

ClientSampleId :

C0R38

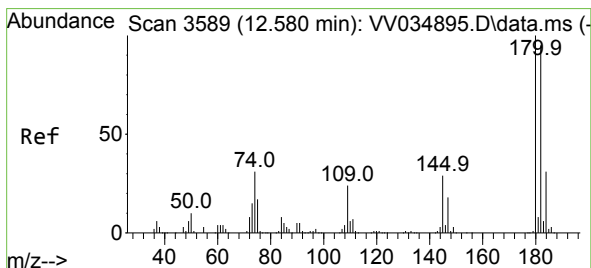
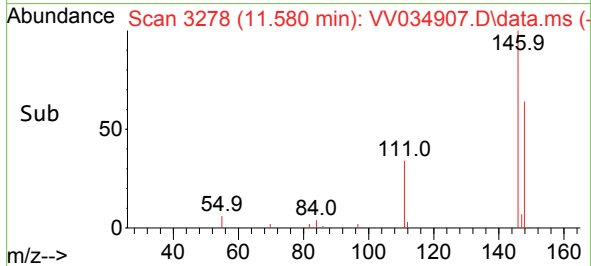
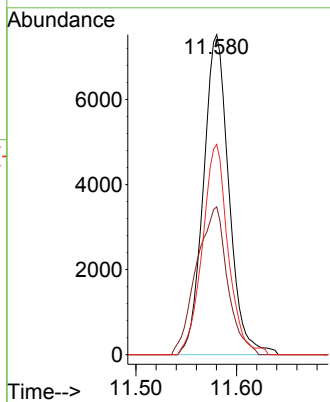
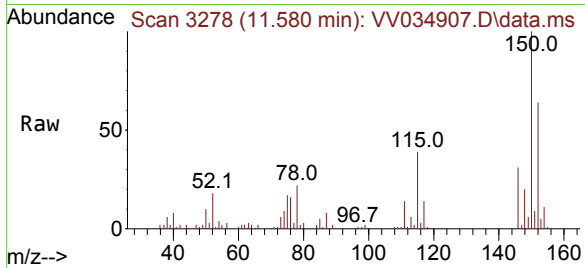
Tgt Ion:146 Resp: 13247

Ion Ratio Lower Upper

146 100

111 46.2 34.6 52.0

148 65.7 51.5 77.3



#69

1,3,5-Trichlorobenzene

Concen: 3.552 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.621 min

Lab File: VV034907.D

Acq: 29 Mar 2024 15:49

Tgt Ion:180 Resp: 12017

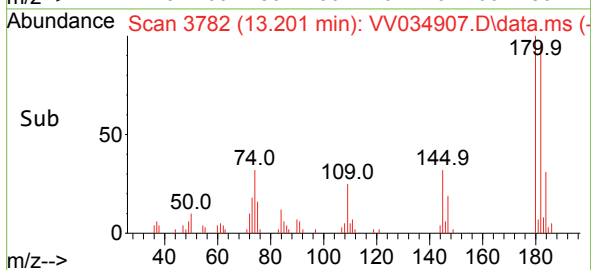
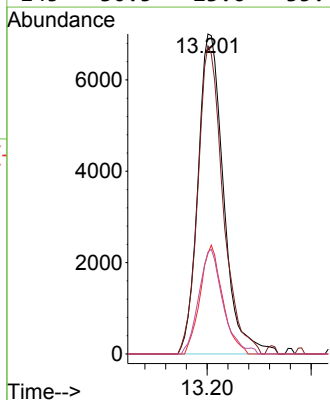
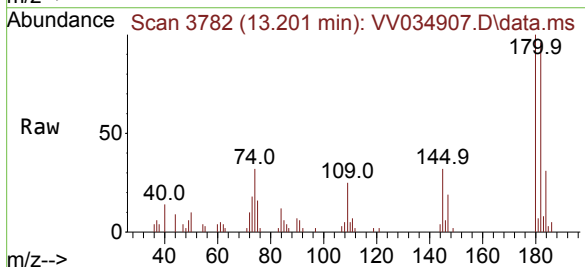
Ion Ratio Lower Upper

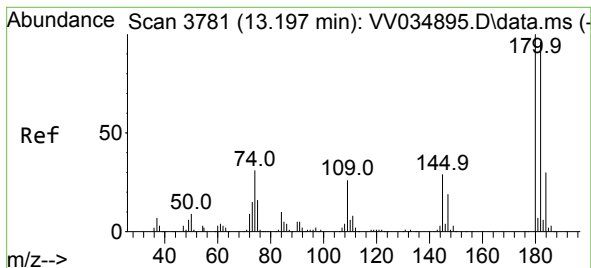
180 100

182 94.1 74.7 112.1

184 29.6 24.0 36.0

145 30.5 23.6 35.4





#70

1,2,4-trichlorobenzene

Concen: 3.867 ug/L

RT: 13.201 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV034907.D

Acq: 29 Mar 2024 15:49

Instrument :

MSVOA_V

ClientSampleId :

C0R38

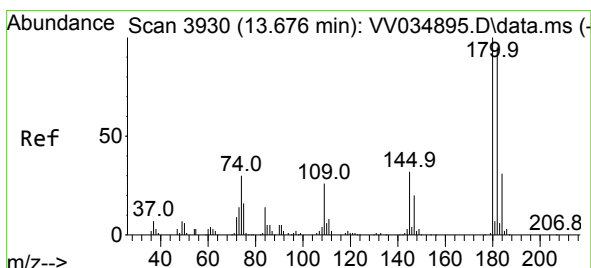
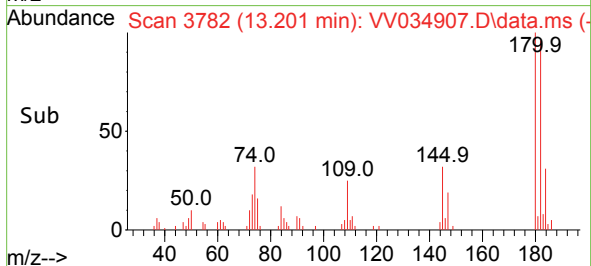
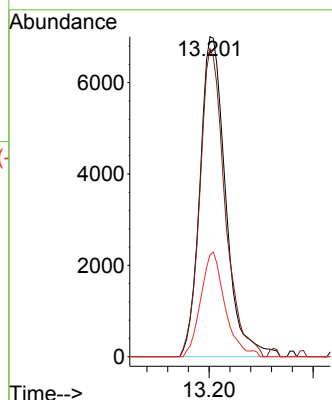
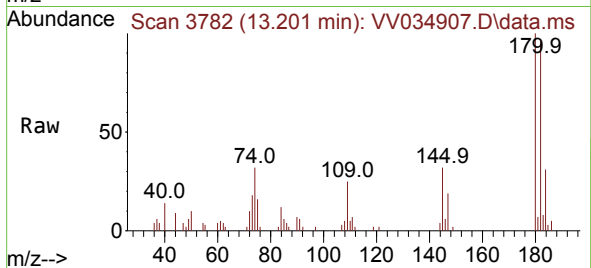
Tgt Ion:180 Resp: 12017

Ion Ratio Lower Upper

180 100

182 94.1 75.6 113.4

145 30.5 24.1 36.1



#72

1,2,3-Trichlorobenzene

Concen: 1.893 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.003 min

Lab File: VV034907.D

Acq: 29 Mar 2024 15:49

Tgt Ion:180 Resp: 5800

Ion Ratio Lower Upper

180 100

182 90.3 76.2 114.2

145 31.3 25.8 38.6

