

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101819\
 Data File : VV013205.D
 Acq On : 18 Oct 2019 16:23
 Operator : SY/MD
 Sample : K5321-04
 Misc : 25.00ML/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA7

Quant Time: Nov 01 02:24:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 01 02:14:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	451571	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	479632	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	235654	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	211632	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.58	69	173630	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.13	63	264770	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	3.98	46	446567	46.80	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.60%
24) Chloroform-d	4.40	84	419282	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.08	65	194265	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.09	84	840229	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.11	67	255862	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.35	98	699611	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	7.66	79	84555	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.14	63	330571	42.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.50%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	175392	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	272518	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%

Target Compounds

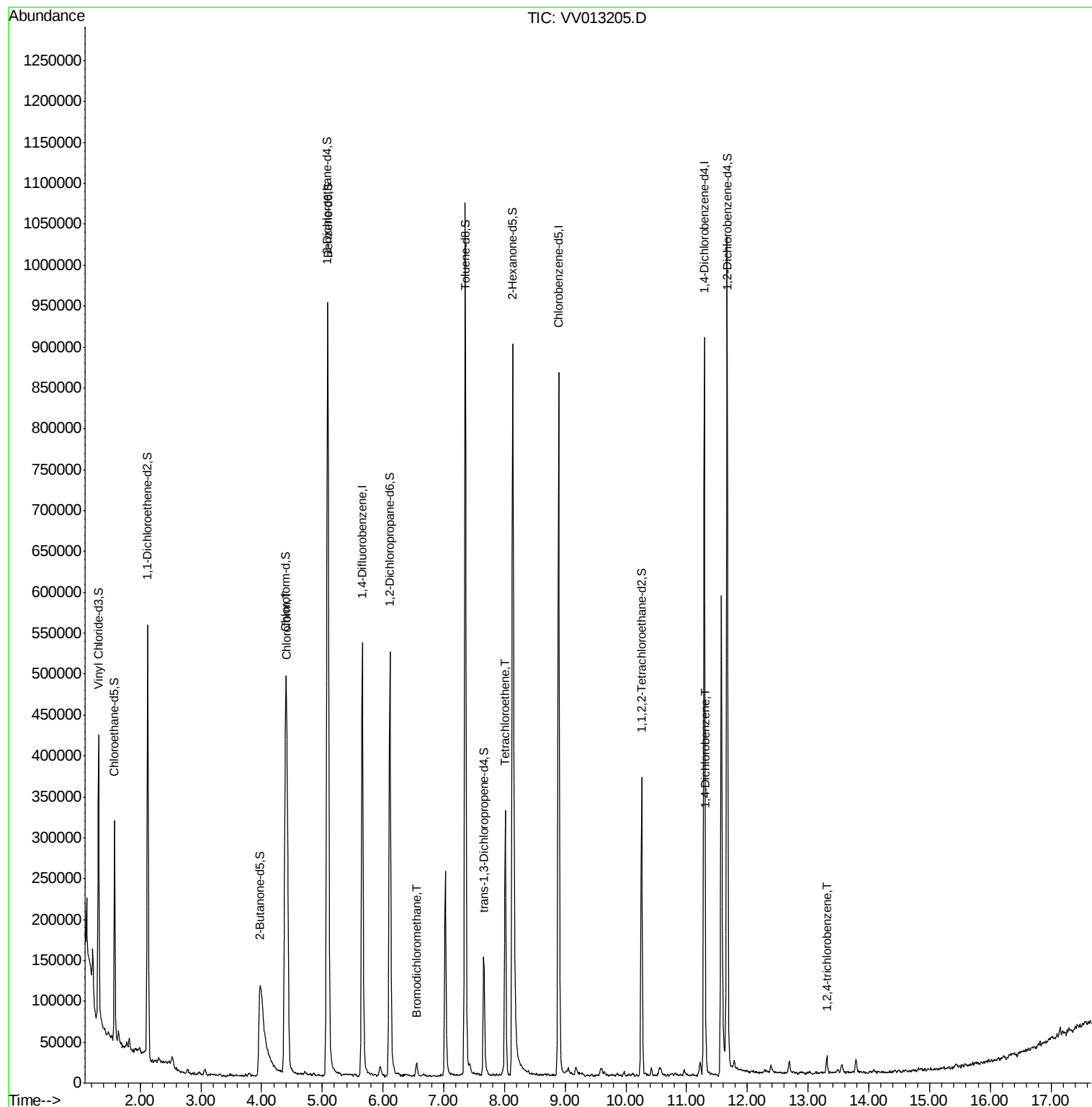
					Qvalue
25) Chloroform	4.42	83	290126	3.188 ug/L	99
38) Bromodichloromethane	6.55	83	11506	0.191 ug/L #	95
47) Tetrachloroethene	8.01	164	74128	1.692 ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	6431	0.076 ug/L	83
68) 1,2,4-trichlorobenzene	13.31	180	6135	0.114 ug/L	98

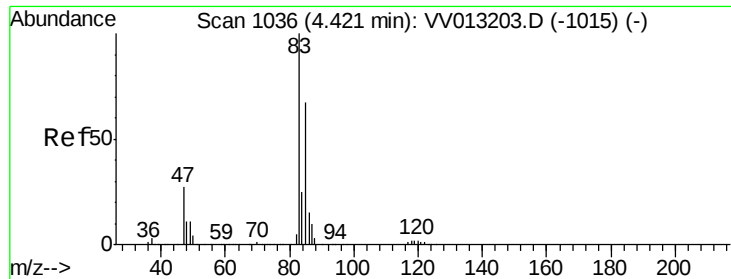
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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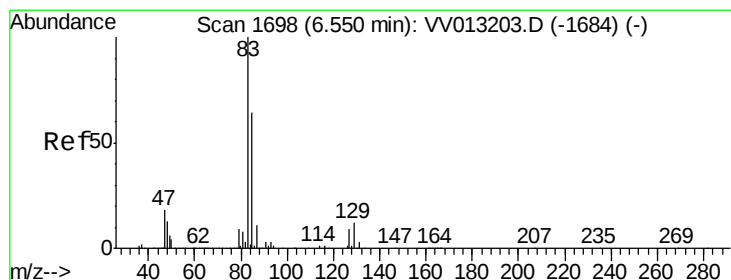
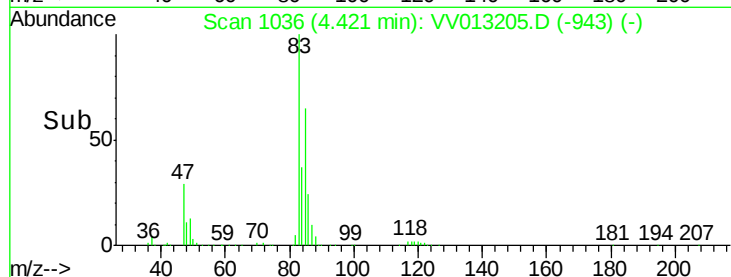
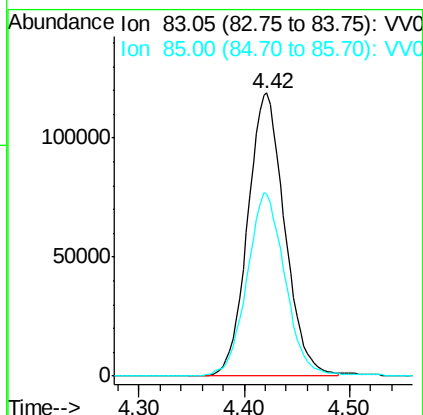
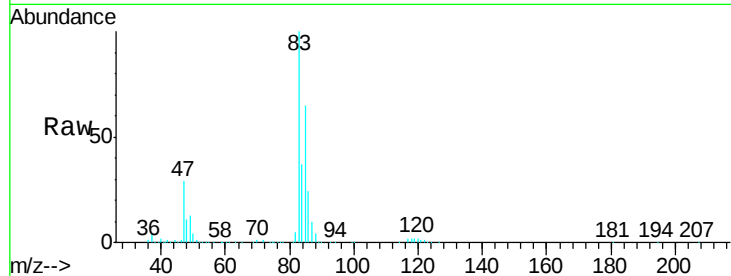




#25
Chloroform
Concen: 3.188 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV013205.D
Acq: 18 Oct 2019 16:23

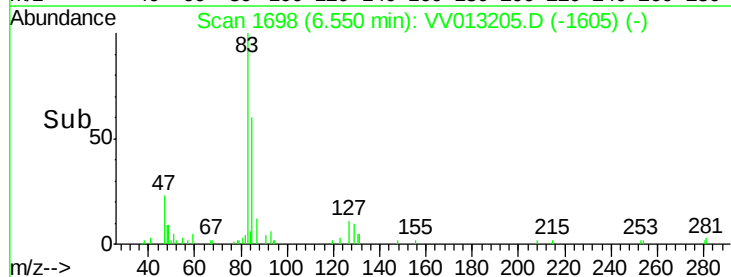
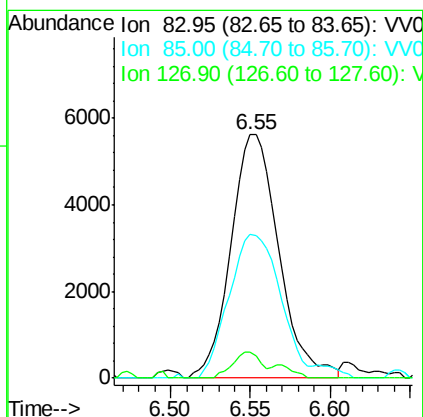
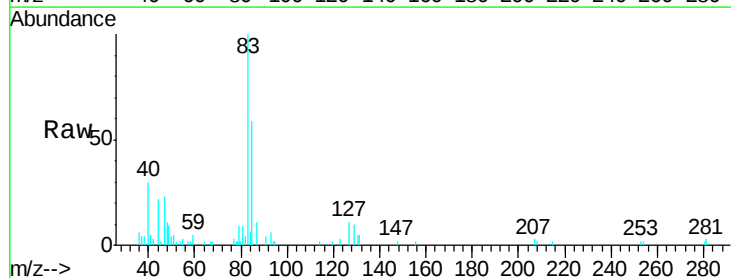
Instrument :
MSVOA_V
ClientSampled :
E0AA7

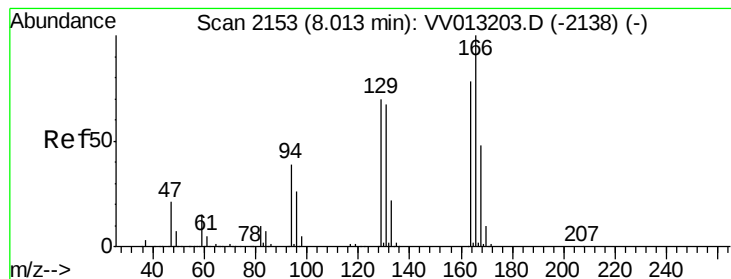
Tgt Ion: 83 Resp: 290126
Ion Ratio Lower Upper
83 100
85 64.6 45.5 84.5



#38
Bromodichloromethane
Concen: 0.191 ug/L
RT: 6.55 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VV013205.D
Acq: 18 Oct 2019 16:23

Tgt Ion: 83 Resp: 11506
Ion Ratio Lower Upper
83 100
85 58.9 44.0 81.6
127 10.8 7.0 10.6#





#47

Tetrachloroethene

Concen: 1.692 ug/L

RT: 8.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VV013205.D

Acq: 18 Oct 2019 16:23

Instrument :

MSVOA_V

ClientSampleId :

E0AA7

Tgt Ion:164 Resp: 74128

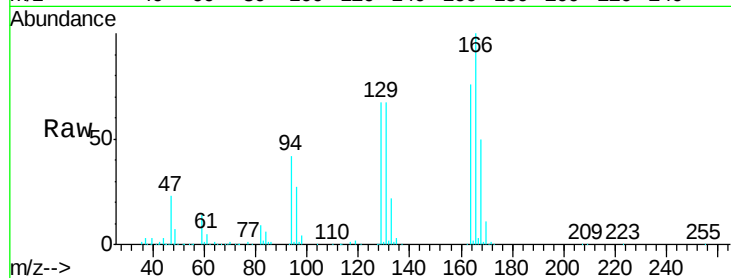
Ion Ratio Lower Upper

164 100

129 87.8 62.2 115.4

131 88.2 59.9 111.3

166 131.1 91.1 169.1

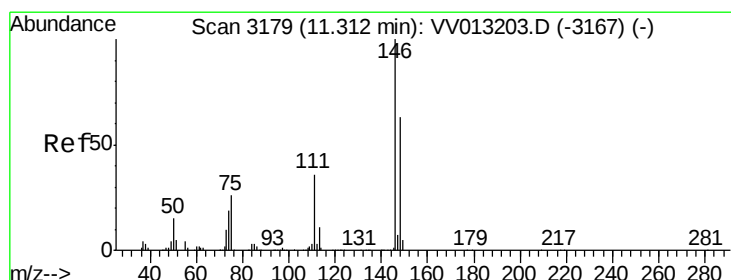
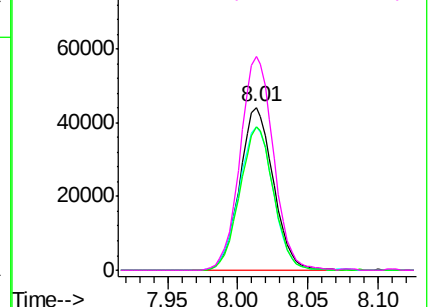
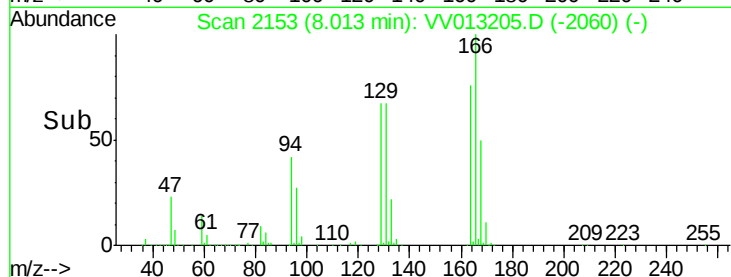


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#63

1,4-Dichlorobenzene

Concen: 0.076 ug/L

RT: 11.32 min Scan# 3180

Delta R.T. 0.00 min

Lab File: VV013205.D

Acq: 18 Oct 2019 16:23

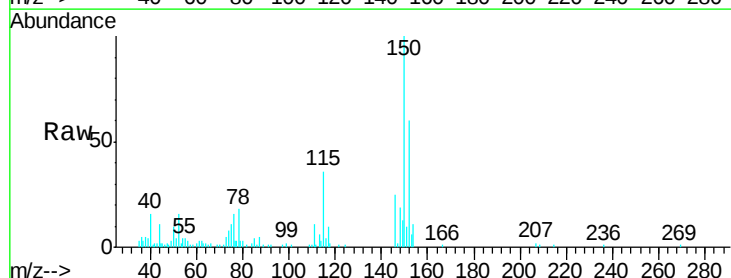
Tgt Ion:146 Resp: 6431

Ion Ratio Lower Upper

146 100

111 44.2 25.7 47.7

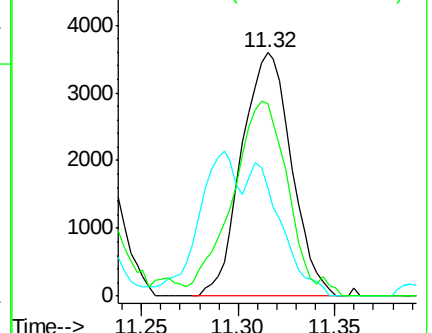
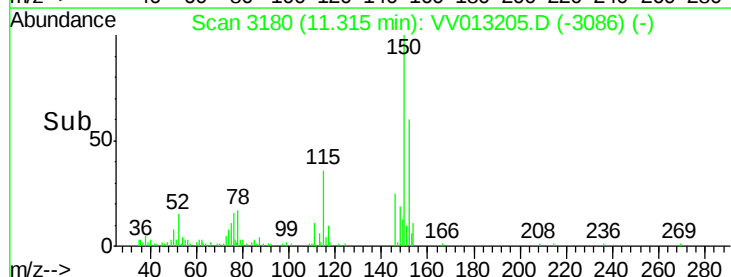
148 78.8 44.4 82.5

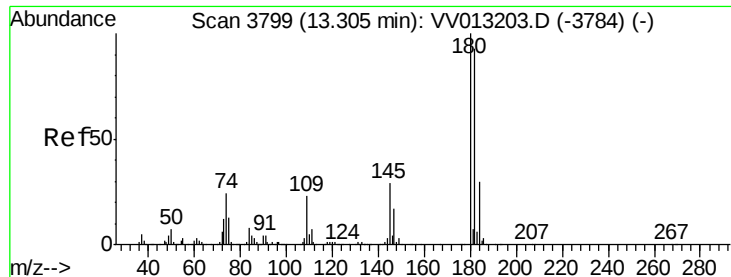


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

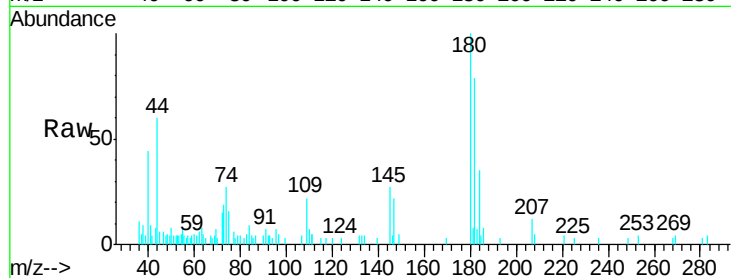




#68
 1,2,4-trichlorobenzene
 Concen: 0.114 ug/L
 RT: 13.31 min Scan# 3800
 Delta R.T. 0.00 min
 Lab File: VV013205.D
 Acq: 18 Oct 2019 16:23

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA7

Tgt Ion:180 Resp: 6135
 Ion Ratio Lower Upper
 180 100
 182 96.5 75.9 113.9
 145 26.6 22.4 33.6



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V

