

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111819\
 Data File : VV013662.D
 Acq On : 18 Nov 2019 17:24
 Operator : SY/MD
 Sample : K5910-05
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQJ0

Quant Time: Nov 19 06:07:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 19 04:25:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	341173	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	335480	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	153327	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	96844	4.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.80%
7) Chloroethane-d5	1.58	69	96291	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.13	63	129273	3.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.40%
20) 2-Butanone-d5	3.96	46	303323	62.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.48%
24) Chloroform-d	4.40	84	230245	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.08	65	121449	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
32) Benzene-d6	5.10	84	447864	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.11	67	142153	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.36	98	366400	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	7.66	79	50133	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
46) 2-Hexanone-d5	8.14	63	208820	51.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.78%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	102281	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	159492	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

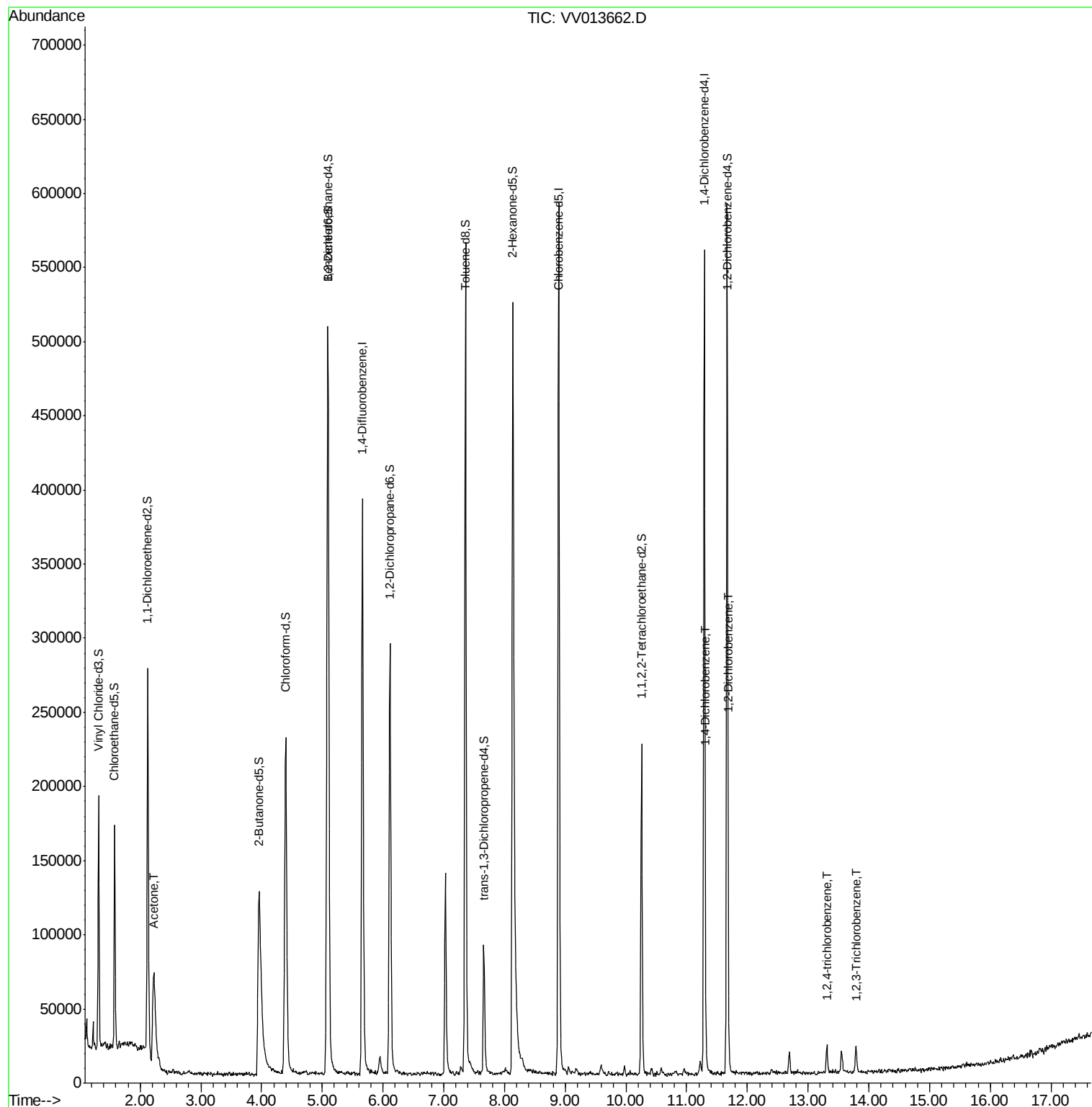
				Ovalue	
13) Acetone	2.23	43	154709	50.312	ug/L # 37
63) 1,4-Dichlorobenzene	11.32	146	5402	0.104	ug/L 92
65) 1,2-Dichlorobenzene	11.69	146	4473	0.093	ug/L 95
68) 1,2,4-trichlorobenzene	13.31	180	6237	0.178	ug/L 99
70) 1,2,3-Trichlorobenzene	13.79	180	6160	0.192	ug/L 98

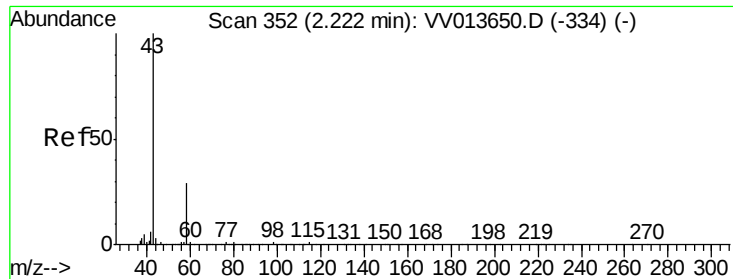
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 19 04:25:23 2019
Response via : Initial Calibration





#13

Acetone

Concen: 50.312 ug/L

RT: 2.23 min Scan# 354

Delta R.T. 0.01 min

Lab File: VV013662.D

Acq: 18 Nov 2019 17:24

Instrument :

MSVOA_V

ClientSampleId :

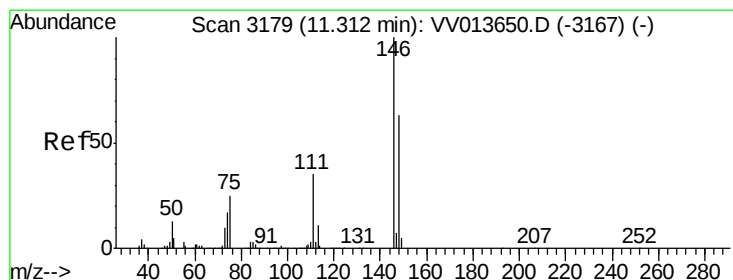
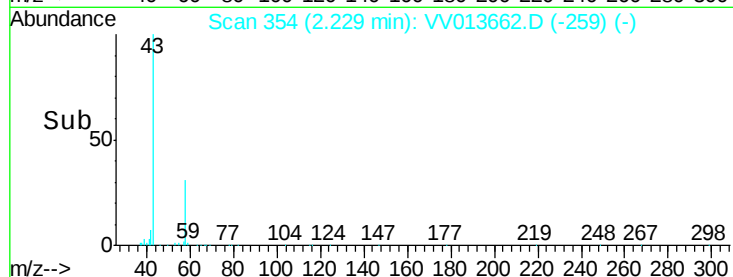
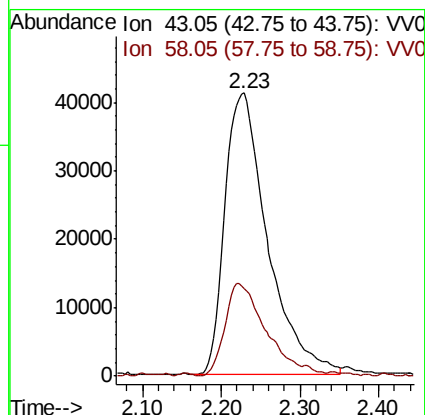
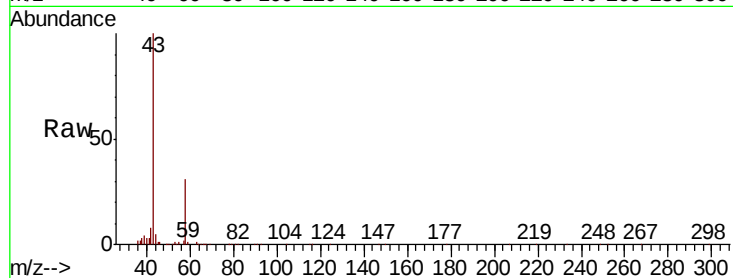
GAQJ0

Tot Ion: 43 Resp: 154709

Ion Ratio Lower Upper

43 100

58 31.0 0.0 17.0#



#63

1,4-Dichlorobenzene

Concen: 0.104 ug/L

RT: 11.32 min Scan# 3180

Delta R.T. 0.00 min

Lab File: VV013662.D

Acq: 18 Nov 2019 17:24

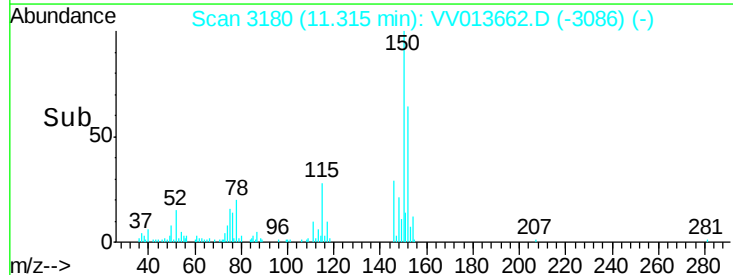
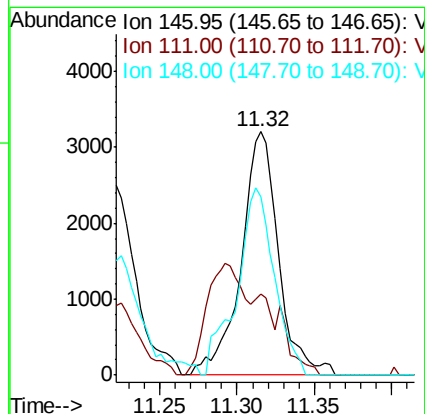
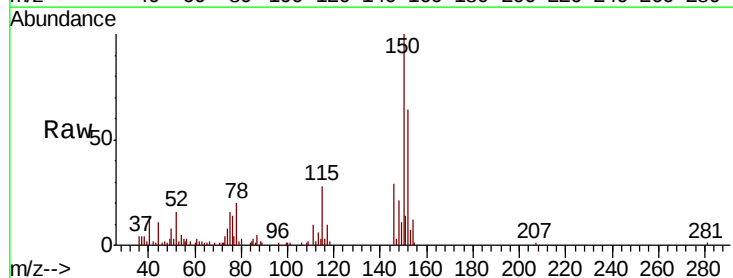
Tgt Ion: 146 Resp: 5402

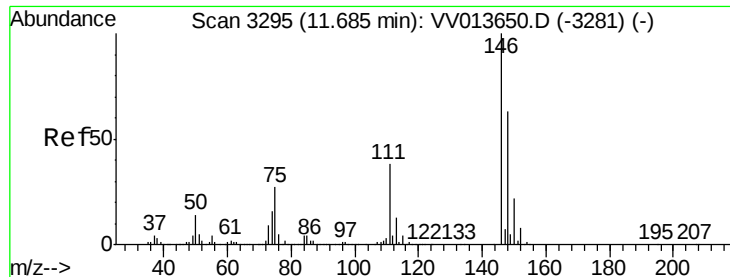
Ion Ratio Lower Upper

146 100

111 33.2 25.6 47.6

148 73.0 45.6 84.8





#65

1,2-Dichlorobenzene

Concen: 0.093 ug/L

RT: 11.69 min Scan# 3297

Delta R.T. 0.01 min

Lab File: VV013662.D

Acq: 18 Nov 2019 17:24

Instrument :

MSVOA_V

ClientSampleId :

GAQJ0

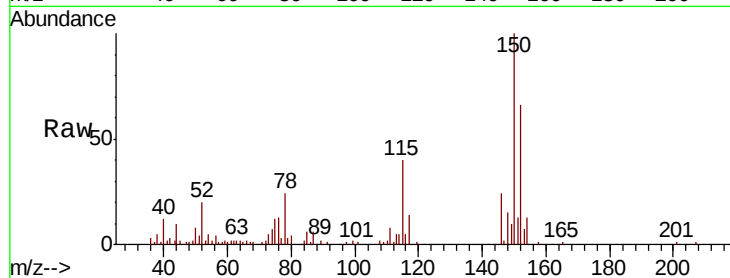
Tot Ion:146 Resp: 4473

Ion Ratio Lower Upper

146 100

111 32.7 31.3 46.9

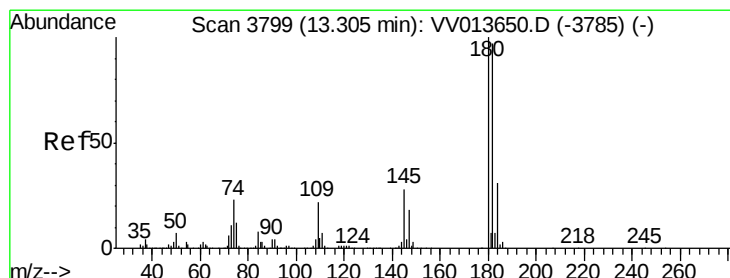
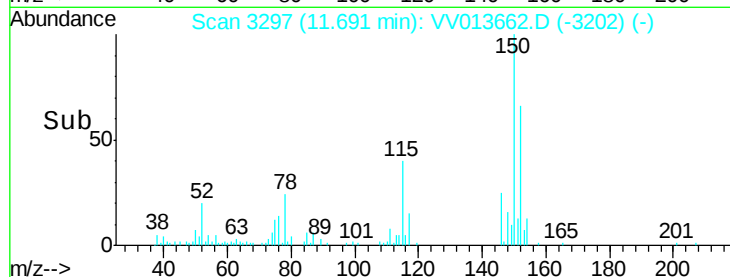
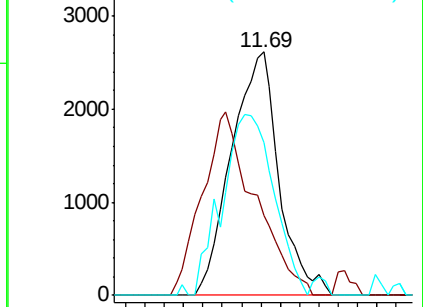
148 62.5 51.1 76.7



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: 0.178 ug/L

RT: 13.31 min Scan# 3800

Delta R.T. 0.00 min

Lab File: VV013662.D

Acq: 18 Nov 2019 17:24

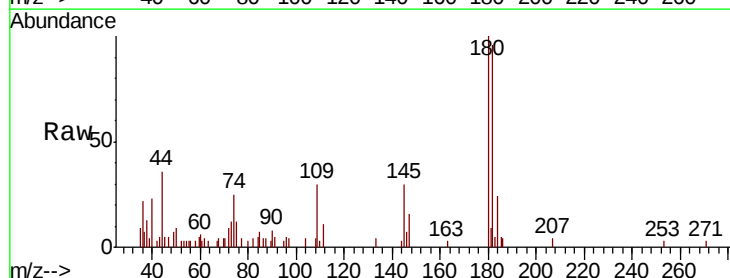
Tgt Ion:180 Resp: 6237

Ion Ratio Lower Upper

180 100

182 96.8 77.2 115.8

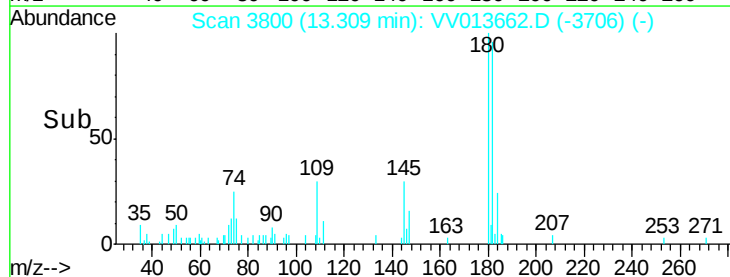
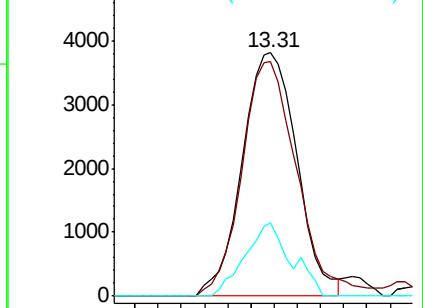
145 25.6 22.6 33.8

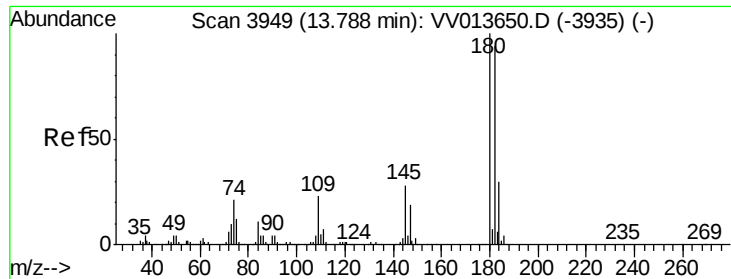


Abundance Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V

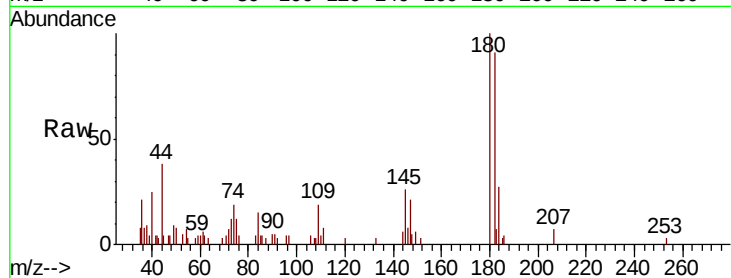




#70
 1,2,3-Trichlorobenzene
 Concen: 0.192 ug/L
 RT: 13.79 min Scan# 3950
 Delta R.T. 0.00 min
 Lab File: VV013662.D
 Acq: 18 Nov 2019 17:24

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQJ0

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.3	75.6	113.4
145	26.3	23.4	35.0



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 181.90 (181.60 to 182.60): V
 Ion 144.95 (144.65 to 145.65): V

