

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV110619\
 Data File : VV013497.D
 Acq On : 06 Nov 2019 14:32
 Operator : SY/MD
 Sample : VV1106MBL01
 Misc : 5.0G/5mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK79

Quant Time: Nov 07 02:54:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM110619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 07 01:53:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	1034720	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	982341	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	430327	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	308538	50.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.84%
7) Chloroethane-d5	1.58	69	262972	53.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.64%
11) 1,1-Dichloroethene-d2	2.13	63	412206	38.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.80%
21) 2-Butanone-d5	3.92	46	502584	112.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.18%
24) Chloroform-d	4.40	84	658343	50.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.10%
26) 1,2-Dichloroethane-d4	5.08	65	461107	53.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.44%
32) Benzene-d6	5.10	84	1428328	54.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.04%
36) 1,2-Dichloropropane-d6	6.11	67	463835	54.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.16%
41) Toluene-d8	7.36	98	1282958	53.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.44%
43) trans-1,3-Dichloropropene-	7.66	79	204531	52.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.74%
47) 2-Hexanone-d5	8.13	63	325734	105.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.65%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	545115	51.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.10%
64) 1,2-Dichlorobenzene-d4	11.67	152	500534	58.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.70%

Target Compounds

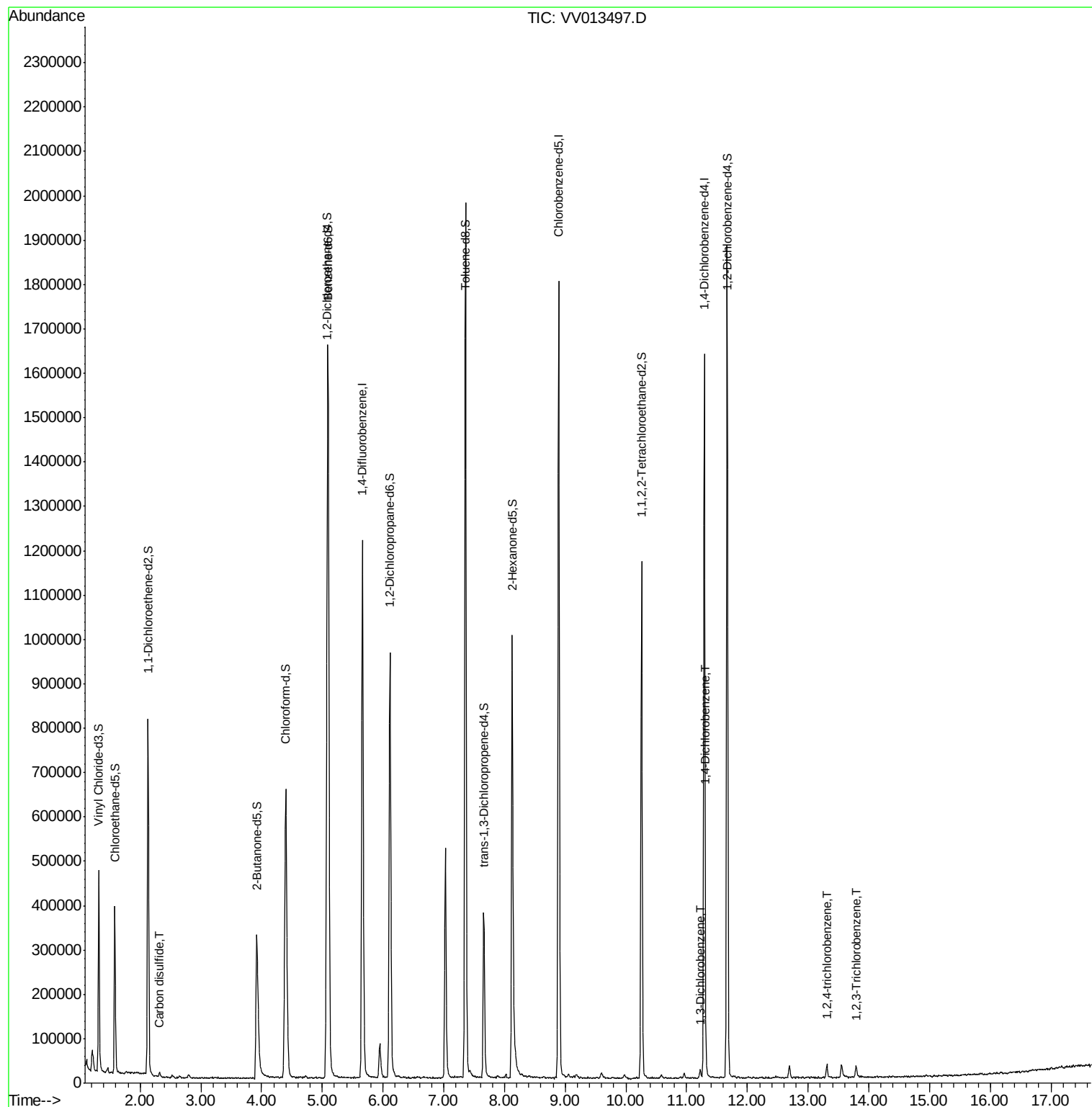
					Qvalue
14) Carbon disulfide	2.32	76	12223	0.640 ug/L	96
62) 1,3-Dichlorobenzene	11.22	146	7293	0.559 ug/L	97
63) 1,4-Dichlorobenzene	11.31	146	8782	0.650 ug/L	89
68) 1,2,4-trichlorobenzene	13.31	180	10448	1.170 ug/L	97
70) 1,2,3-Trichlorobenzene	13.79	180	9003	0.950 ug/L	96

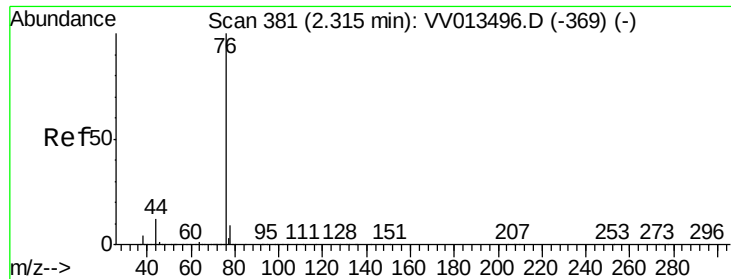
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Carbon disulfide

Concen: 0.640 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

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ClientSampleId :

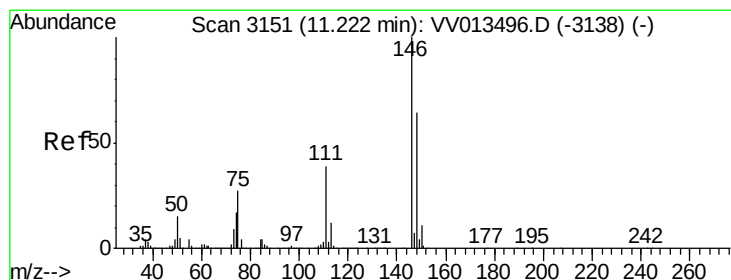
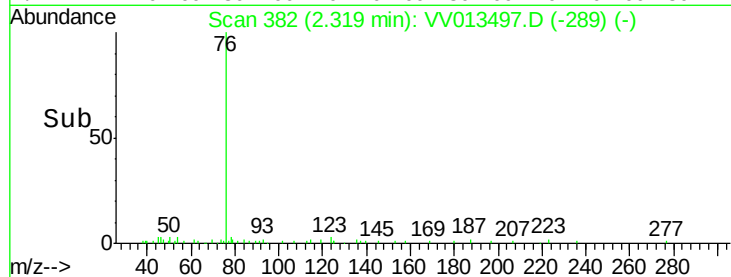
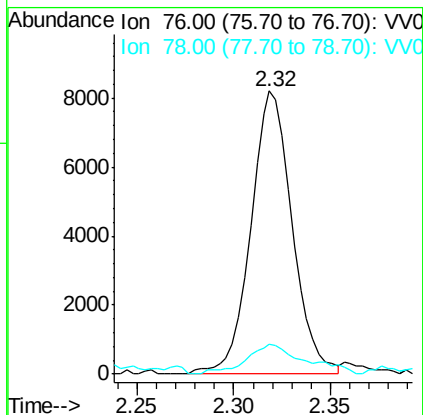
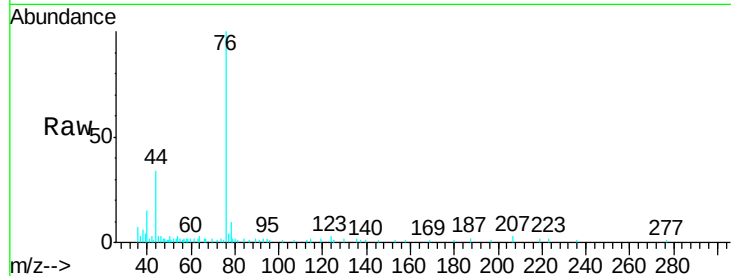
VBLK79

Tgt Ion: 76 Resp: 12223

Ion Ratio Lower Upper

76 100

78 10.5 7.3 10.9



#62

1,3-Dichlorobenzene

Concen: 0.559 ug/L

RT: 11.22 min Scan# 3152

Delta R.T. 0.00 min

Lab File: VV013497.D

Acq: 06 Nov 2019 14:32

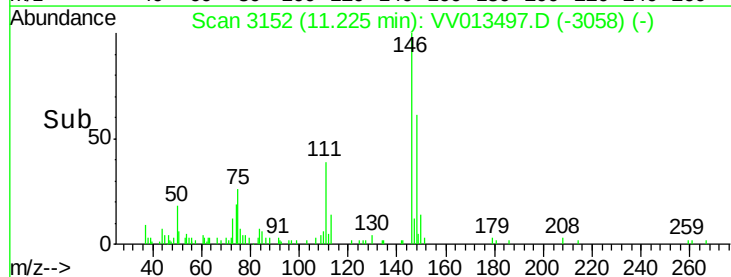
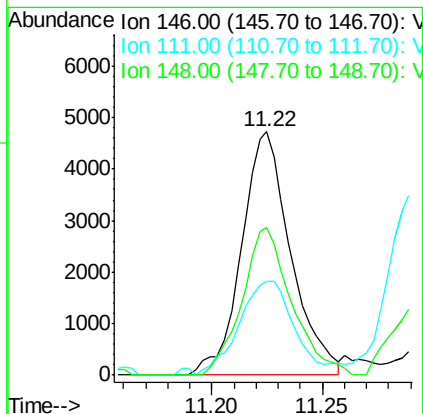
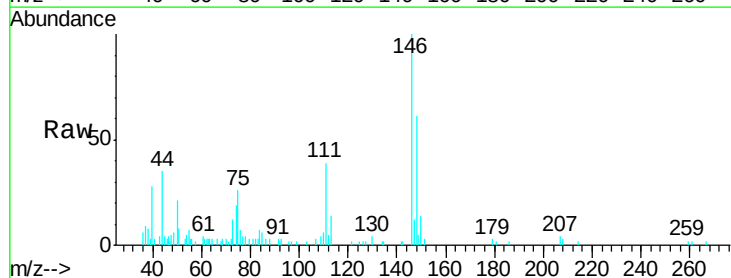
Tgt Ion: 146 Resp: 7293

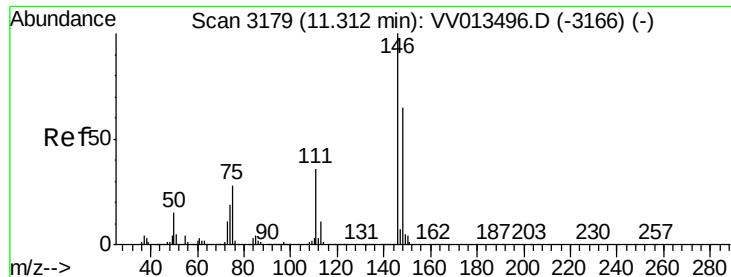
Ion Ratio Lower Upper

146 100

111 38.6 26.4 49.0

148 60.7 44.4 82.4

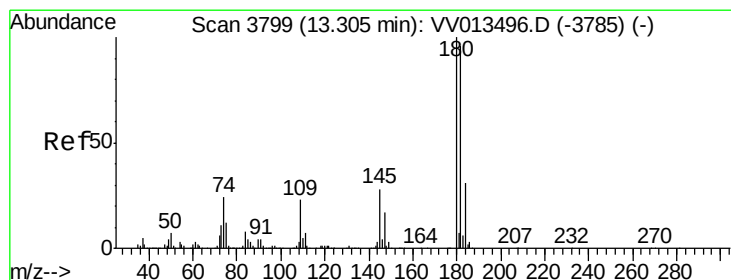
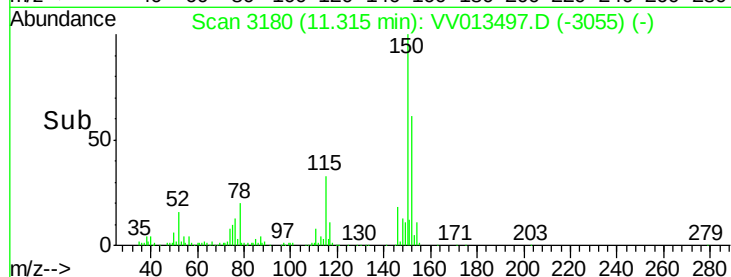
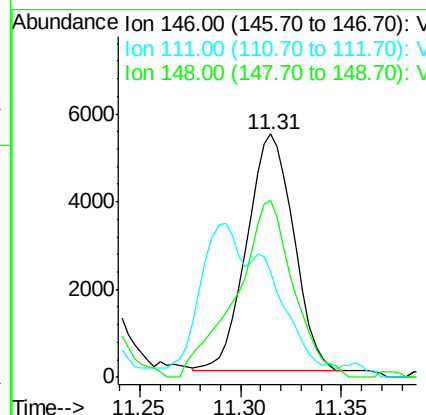
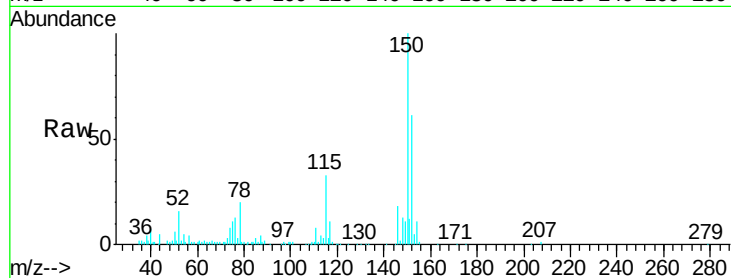




#63
 1,4-Dichlorobenzene
 Concen: 0.650 ug/L
 RT: 11.31 min Scan# 3180
 Delta R.T. 0.00 min
 Lab File: VV013497.D
 Acq: 06 Nov 2019 14:32

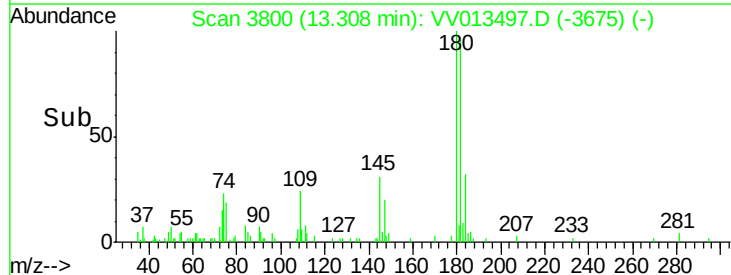
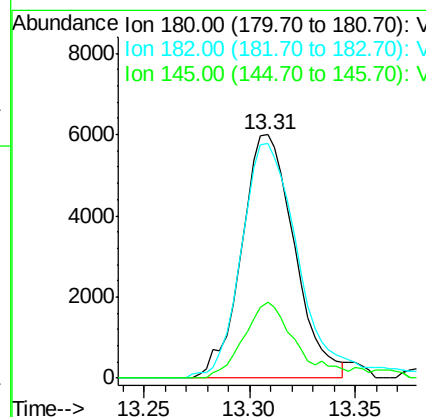
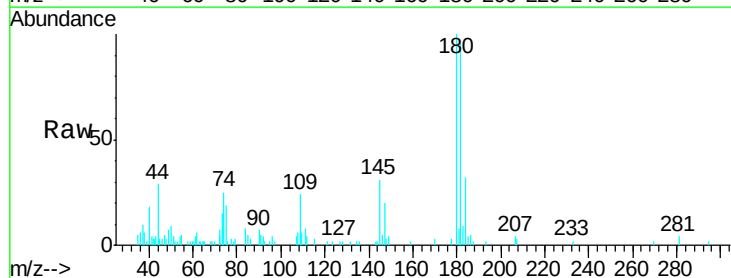
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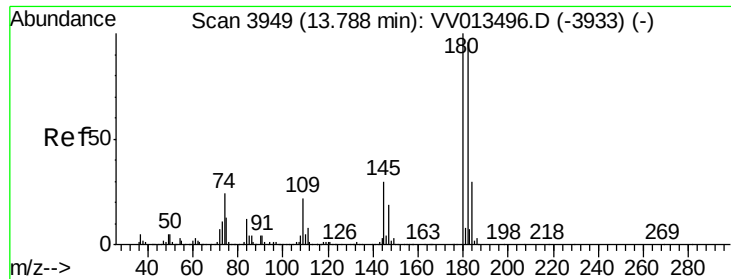
Tgt Ion:146 Resp: 8782
 Ion Ratio Lower Upper
 146 100
 111 43.0 25.5 47.3
 148 72.7 44.9 83.5



#68
 1,2,4-trichlorobenzene
 Concen: 1.170 ug/L
 RT: 13.31 min Scan# 3800
 Delta R.T. 0.00 min
 Lab File: VV013497.D
 Acq: 06 Nov 2019 14:32

Tgt Ion:180 Resp: 10448
 Ion Ratio Lower Upper
 180 100
 182 98.8 76.4 114.6
 145 28.0 22.4 33.6

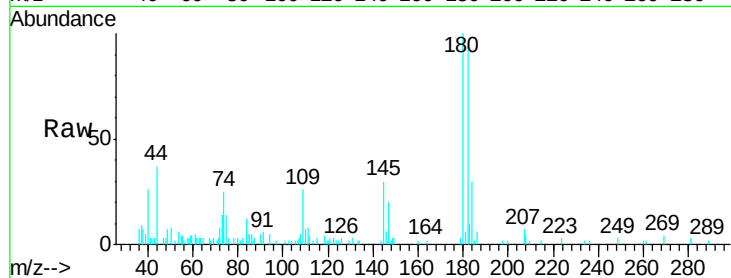




#70
 1,2,3-Trichlorobenzene
 Concen: 0.950 ug/L
 RT: 13.79 min Scan# 3950
 Delta R.T. 0.00 min
 Lab File: VV013497.D
 Acq: 06 Nov 2019 14:32

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK79

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.0	77.4	116.0
145	33.7	24.0	36.0



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

