

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092820\
 Data File : VW016677.D
 Acq On : 28 Sep 2020 19:16
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Quant Time: Sep 29 07:42:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 29 05:26:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	760932	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	658551	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	327220	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	84798	11.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	46.04%
7) Chloroethane-d5	2.90	69	79140	13.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.64%
10) 1,1-Dichloroethene-d2	4.03	63	154394	9.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	37.52%#
20) 2-Butanone-d5	7.09	46	65998	32.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.74%
24) Chloroform-d	7.65	84	281211	17.67	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	70.68%
26) 1,2-Dichloroethane-d4	8.31	65	143782	17.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	70.40%
29) Benzene-d6	8.28	84	494793	16.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	67.00%
33) 1,2-Dichloropropane-d6	9.28	67	146205	18.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	73.08%
37) Toluene-d8	10.33	98	459256	15.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	63.24%
38) trans-1,3-Dichloropropene-	10.58	79	65354	16.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.80%
39) 2-Hexanone-d5	10.93	63	54885	37.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.40%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	126887	18.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	203225	19.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.76%

Target Compounds

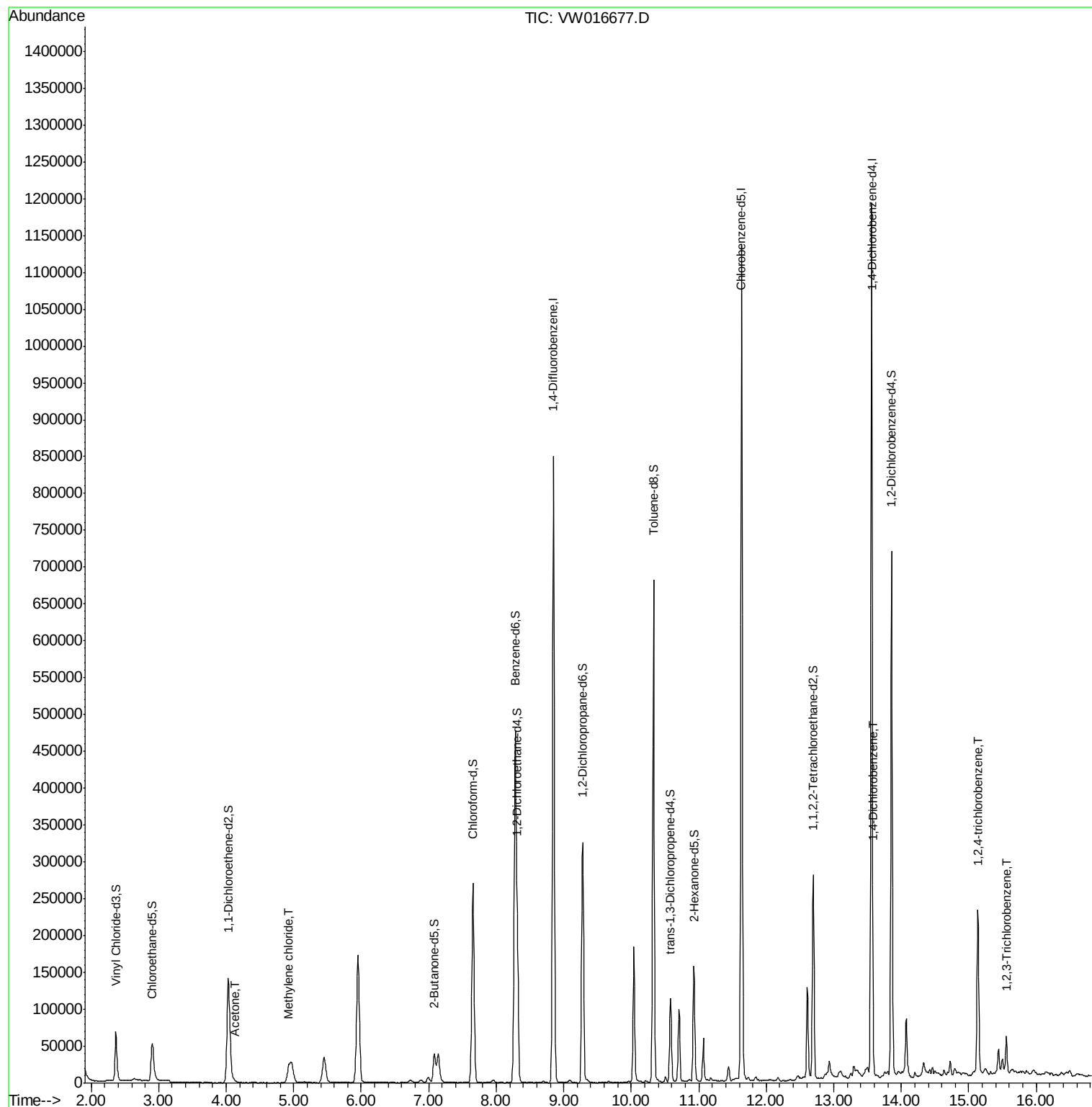
					Ovalue
13) Acetone	4.14	43	3028	1.925 ug/L	83
16) Methylene chloride	4.93	84	18851	1.606 ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	9585	0.460 ug/L	96
68) 1,2,4-trichlorobenzene	15.14	180	75545	6.000 ug/L	94
70) 1,2,3-Trichlorobenzene	15.55	180	14036	1.296 ug/L	97

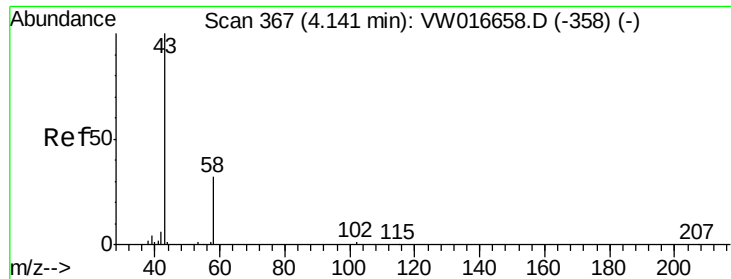
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.925 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW016677.D

Acq: 28 Sep 2020 19:16

Instrument :

MSVOA_W

ClientSampled :

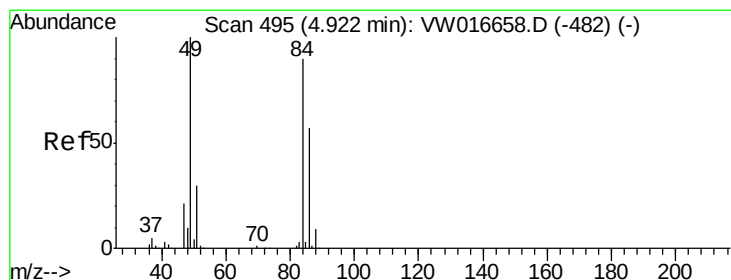
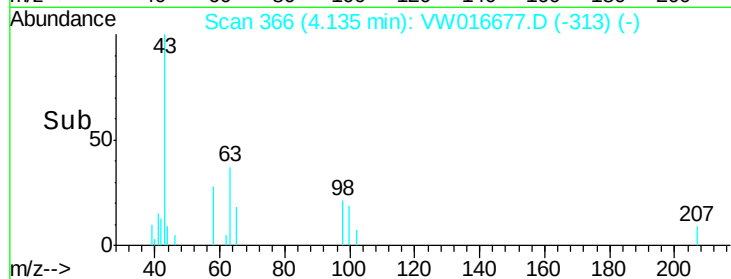
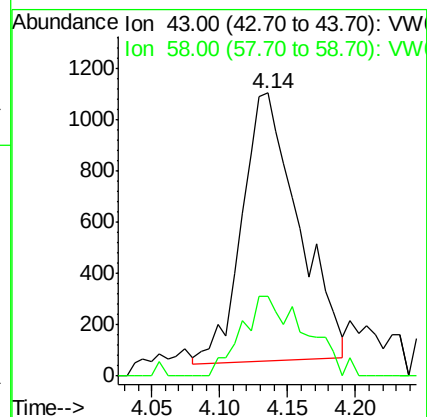
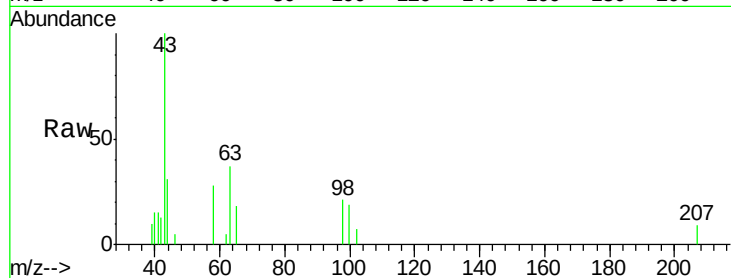
VIBLK

Tot Ion: 43 Resp: 3028

Ion Ratio Lower Upper

43 100

58 21.0 0.0 60.2



#16

Methylene chloride

Concen: 1.606 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW016677.D

Acq: 28 Sep 2020 19:16

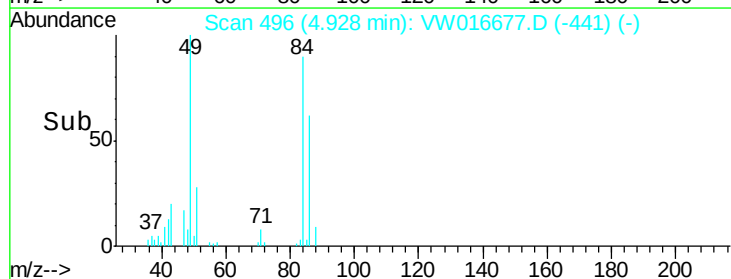
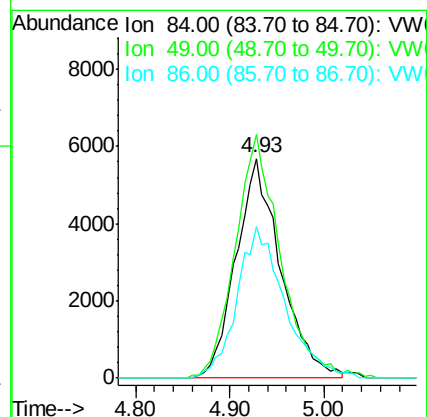
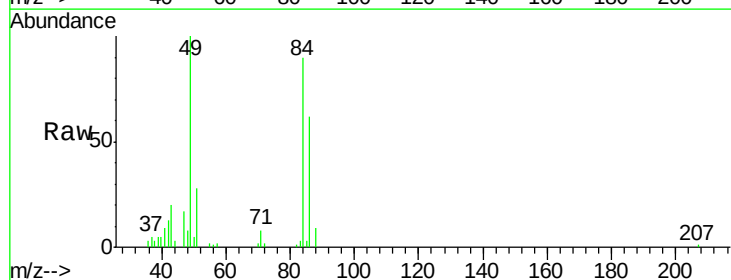
Tgt Ion: 84 Resp: 18851

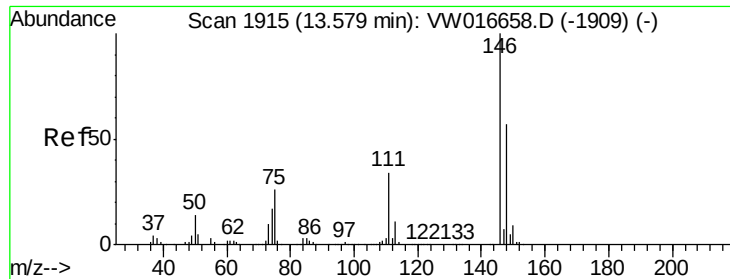
Ion Ratio Lower Upper

84 100

49 110.8 76.0 141.2

86 68.7 45.6 84.6





#64

1,4-Dichlorobenzene

Concen: 0.460 ug/L

RT: 13.58 min Scan# 1916

Delta R.T. 0.01 min

Lab File: VW016677.D

Acq: 28 Sep 2020 19:16

Instrument :

MSVOA_W

ClientSampleId :

VIBLK

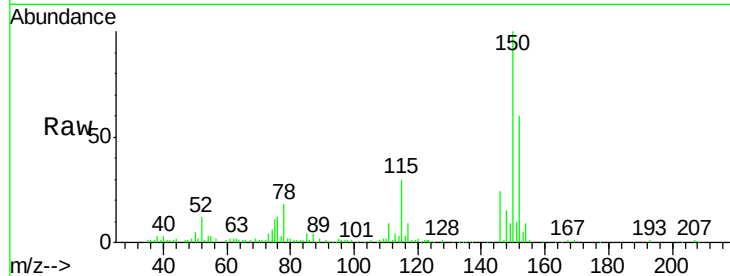
Tot Ion:146 Resp: 9585

Ion Ratio Lower Upper

146 100

111 38.4 25.1 46.5

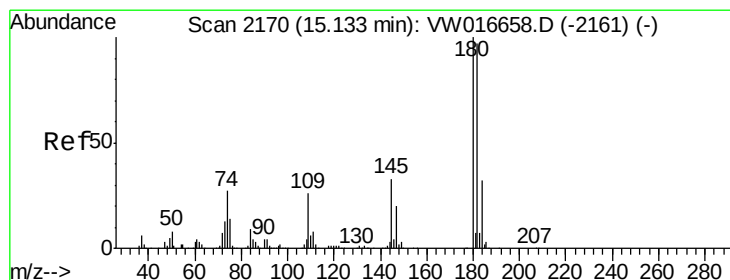
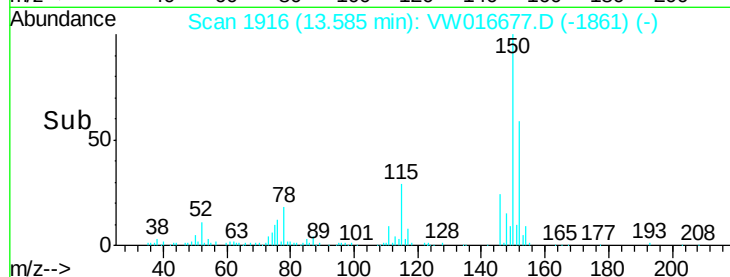
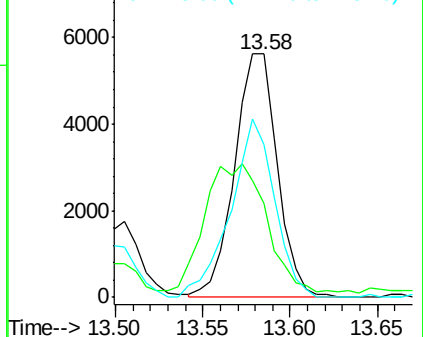
148 62.8 42.3 78.5



Abundance Ion 146.00 (145.70 to 146.70): 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: 6.000 ug/L

RT: 15.14 min Scan# 2171

Delta R.T. 0.01 min

Lab File: VW016677.D

Acq: 28 Sep 2020 19:16

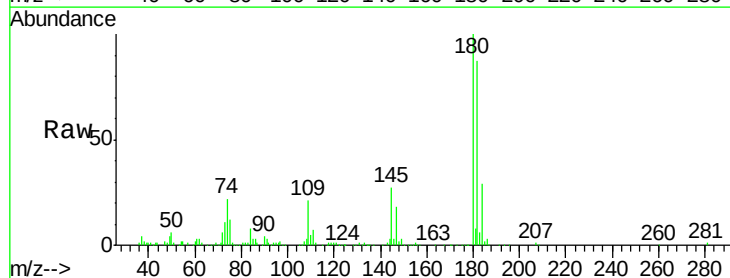
Tgt Ion:180 Resp: 75545

Ion Ratio Lower Upper

180 100

182 98.8 74.5 111.7

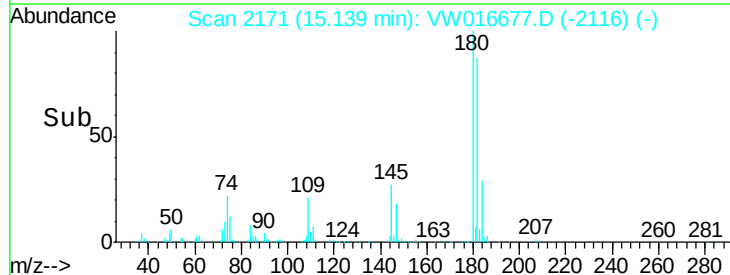
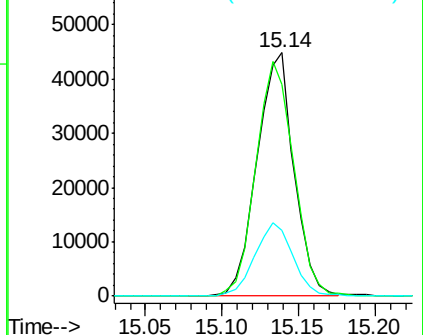
145 31.2 23.1 34.7

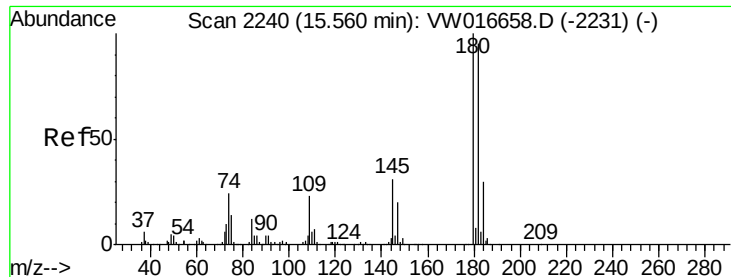


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

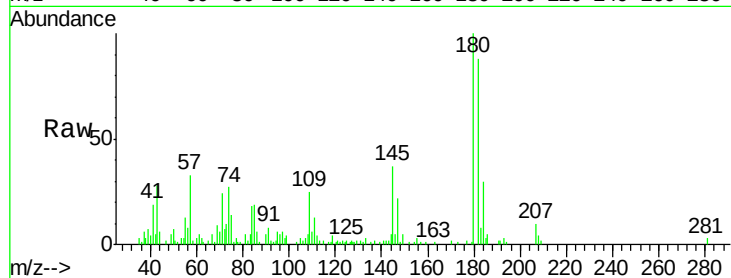




#70
 1,2,3-Trichlorobenzene
 Concen: 1.296 ug/L
 RT: 15.55 min Scan# 2239
 Delta R.T. -0.01 min
 Lab File: VW016677.D
 Acq: 28 Sep 2020 19:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Tot Ion	Ion	Ratio	Lower	Upper
180	100			
182	93.1	76.3	114.5	
145	32.8	24.1	36.1	



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

