

Data File : VV013299.D
Acq On : 23 Oct 2019 13:19
Operator : SY/MD
Sample : VV1023WBL01
Misc : 5.00ML/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK63

Quant Time: Oct 24 03:08:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 24 02:50:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	1316259	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	1239286	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	517667	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	419608	48.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.18%
7) Chloroethane-d5	1.49	69	214	0.03	ug/L	-0.09
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.06%#
11) 1,1-Dichloroethene-d2	2.12	63	477399	37.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.78%
21) 2-Butanone-d5	3.97	46	605915	103.64	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.64%
24) Chloroform-d	4.40	84	889209	47.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.58%
26) 1,2-Dichloroethane-d4	5.08	65	555347	49.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.48%
32) Benzene-d6	5.09	84	1906853	49.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.96%
36) 1,2-Dichloropropane-d6	6.11	67	586676	49.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.32%
41) Toluene-d8	7.36	98	1682156	48.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.80%
43) trans-1,3-Dichloropropene-	7.66	79	254110	48.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.48%
47) 2-Hexanone-d5	8.14	63	361192	100.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.94%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	749356	47.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.96%
64) 1,2-Dichlorobenzene-d4	11.67	152	641683	54.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.04%

Target Compounds

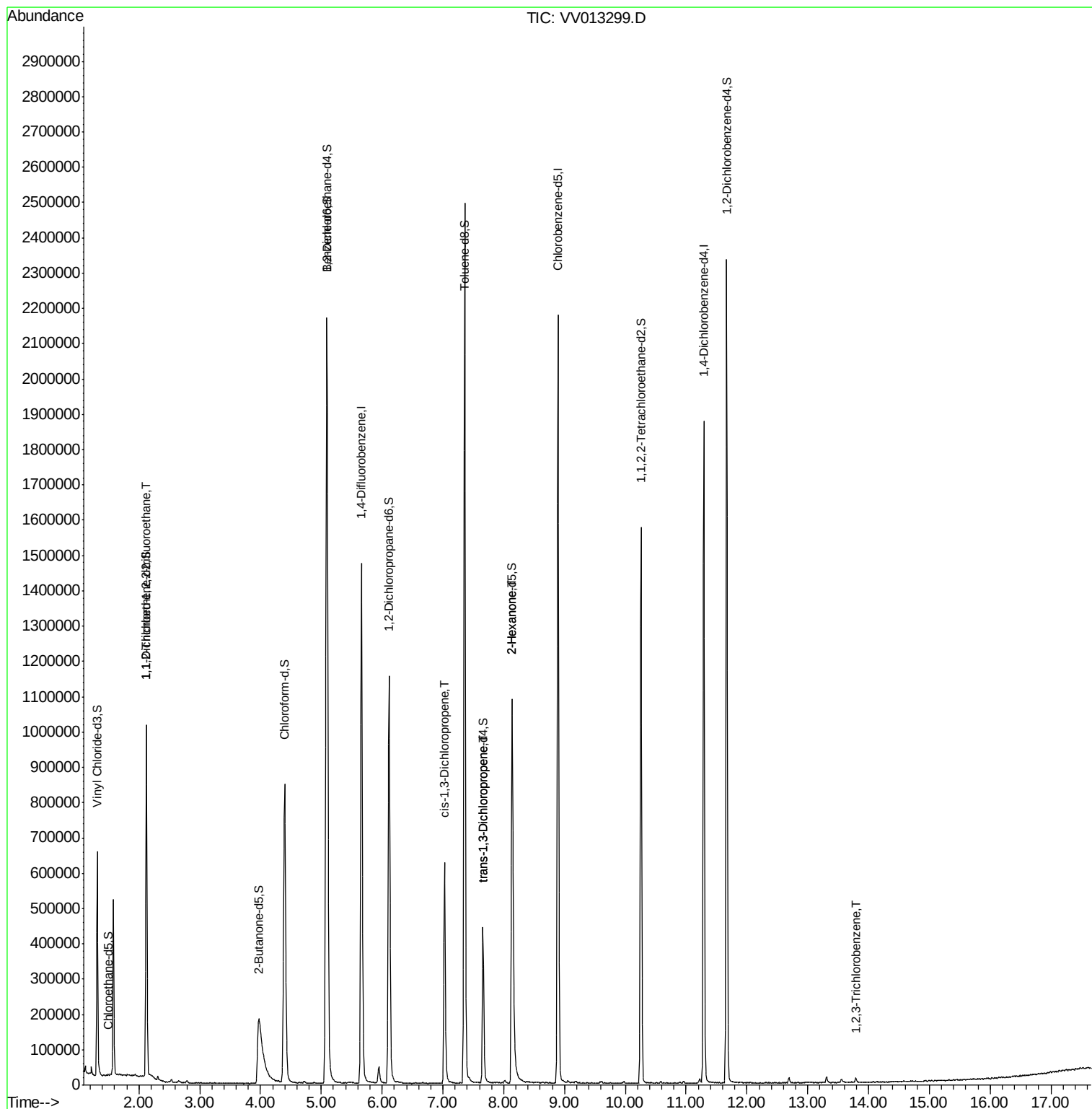
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	6636	0.959	ug/L #	24
39) cis-1,3-Dichloropropene	7.03	75	13274	0.936	ug/L #	66
44) trans-1,3-Dichloropropene	7.66	75	11422	0.942	ug/L #	88
48) 2-Hexanone	8.14	43	67272	7.034	ug/L #	83
70) 1,2,3-Trichlorobenzene	13.79	180	4644	0.410	ug/L #	95

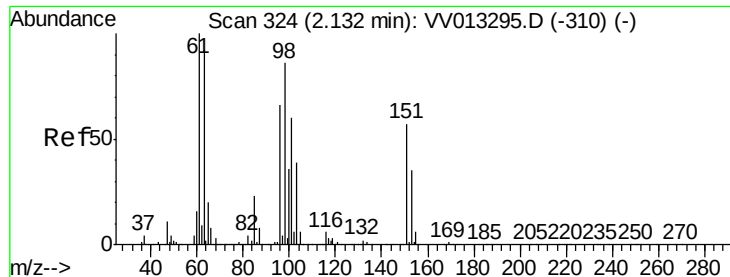
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.959 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

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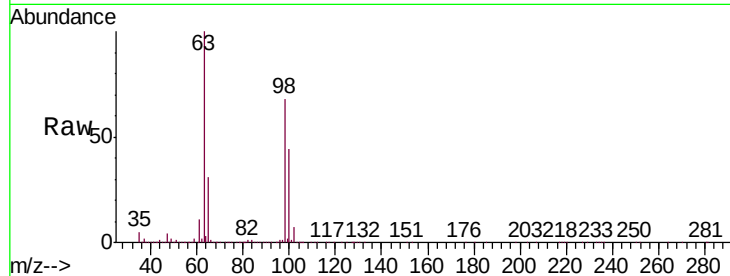
Tgt Ion:101 Resp: 6636

Ion Ratio Lower Upper

101 100

85 2.6 31.4 47.2#

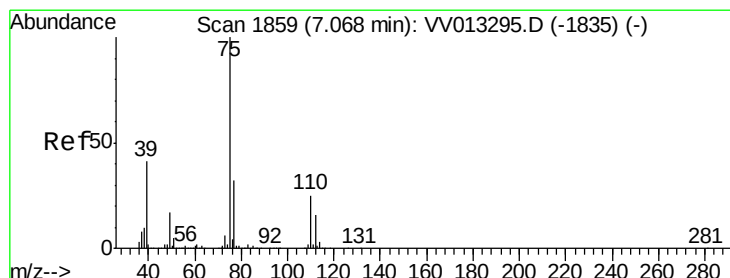
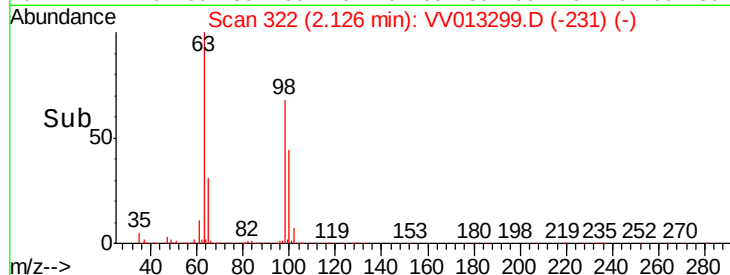
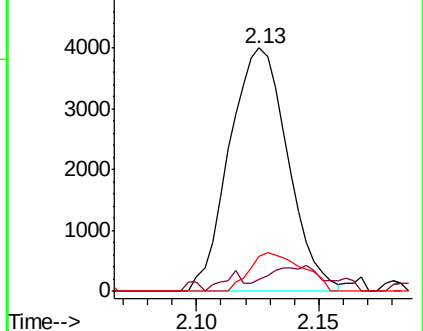
151 14.2 74.6 112.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#39

cis-1,3-Dichloropropene

Concen: 0.936 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

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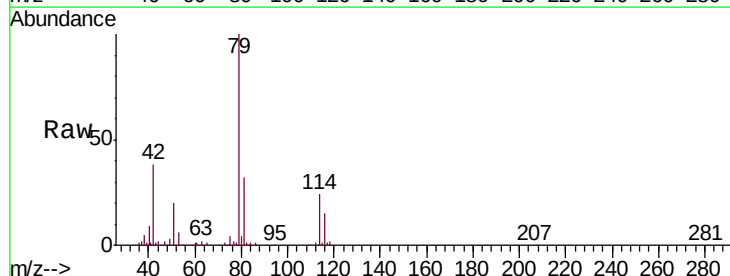
Acq: 23 Oct 2019 13:19

Tgt Ion: 75 Resp: 13274

Ion Ratio Lower Upper

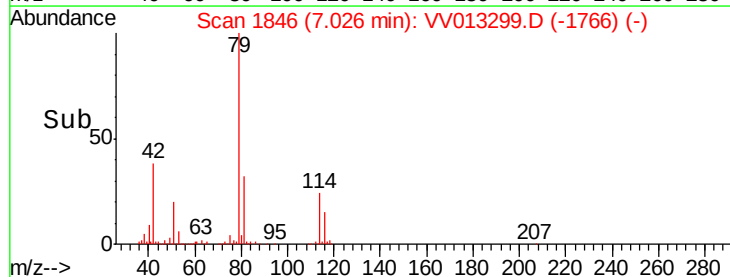
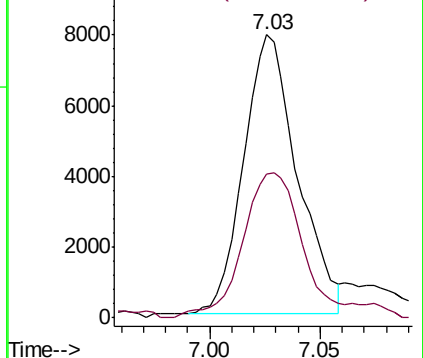
75 100

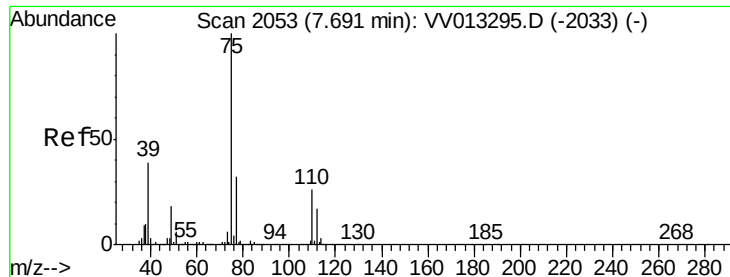
77 50.7 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#44

trans-1,3-Dichloropropene

Concen: 0.942 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

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Instrument :

MSVOA_V

ClientSampleId :

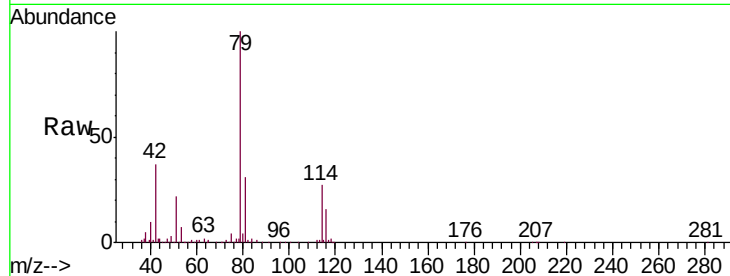
VBLK63

Tgt Ion: 75 Resp: 11422

Ion Ratio Lower Upper

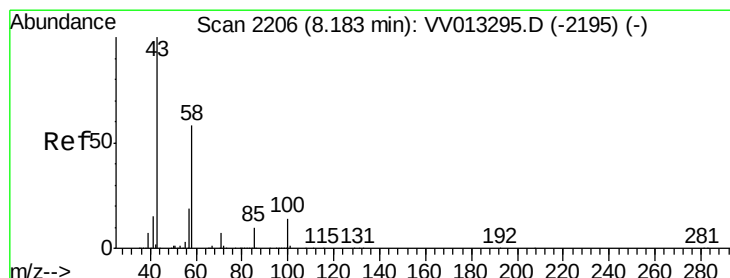
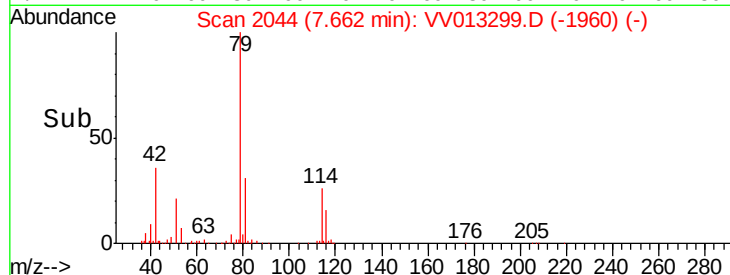
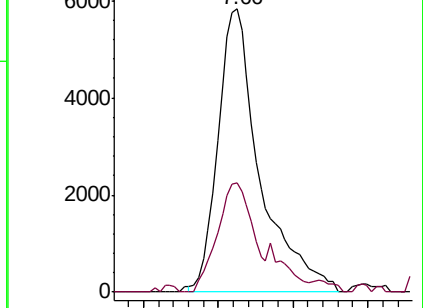
75 100

77 38.6 22.2 41.2



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#48

2-Hexanone

Concen: 7.034 ug/L

RT: 8.14 min Scan# 2191

Delta R.T. -0.05 min

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Acq: 23 Oct 2019 13:19

Tgt Ion: 43 Resp: 67272

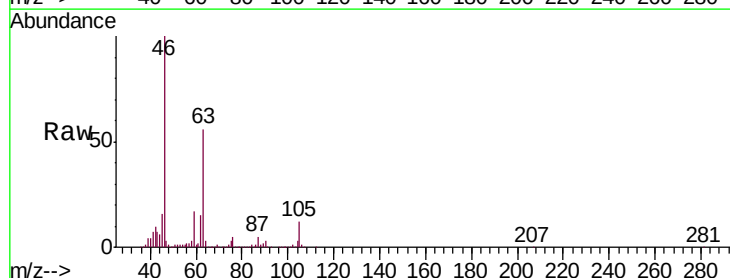
Ion Ratio Lower Upper

43 100

58 50.8 47.0 70.6

57 28.8 13.8 20.8#

100 0.7 10.2 15.4#

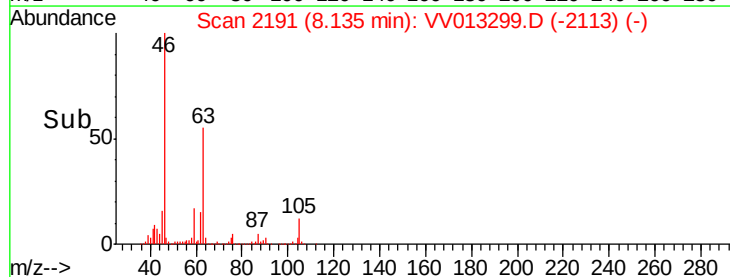
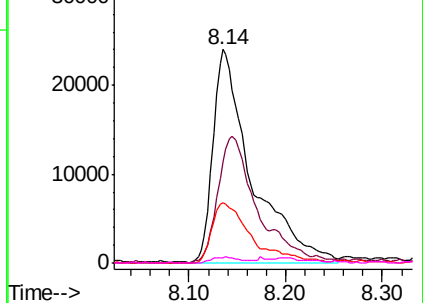


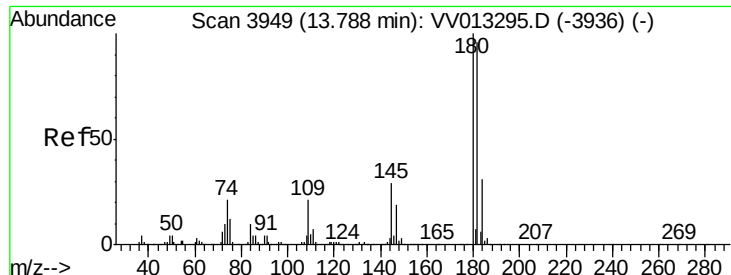
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0

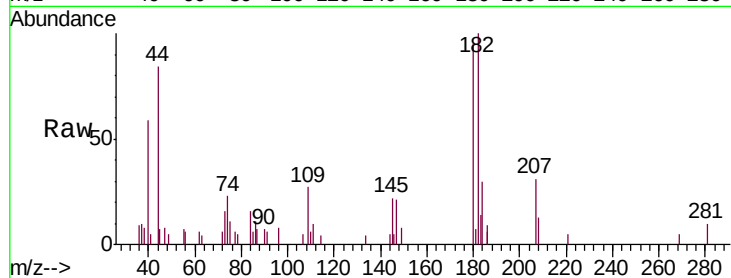




#70
 1,2,3-Trichlorobenzene
 Concen: 0.410 ug/L
 RT: 13.79 min Scan# 3950
 Delta R.T. 0.00 min
 Lab File: VV013299.D
 Acq: 23 Oct 2019 13:19

Instrument :
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 VBLK63

Tgt Ion:180 Resp: 4644
 Ion Ratio Lower Upper
 180 100
 182 99.0 77.0 115.6
 145 22.4 23.4 35.2#



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

