

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031220\
 Data File : VV014878.D
 Acq On : 12 Mar 2020 19:27
 Operator : SY/MD
 Sample : L1884-16
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 13 04:12:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 13 04:10:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	372698	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	360459	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	170136	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	104094	41.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.54%
7) Chloroethane-d5	1.58	69	82344	41.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.60%
11) 1,1-Dichloroethene-d2	2.12	63	131295	31.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.66%
21) 2-Butanone-d5	3.93	46	148437	78.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.91%
24) Chloroform-d	4.38	84	230221	48.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.42%
26) 1,2-Dichloroethane-d4	5.06	65	150253	46.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.64%
32) Benzene-d6	5.08	84	462121	48.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.12%
36) 1,2-Dichloropropane-d6	6.10	67	142289	45.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.20%
41) Toluene-d8	7.34	98	433910	46.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.10%
43) trans-1,3-Dichloropropene-	7.64	79	61749	40.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.18%
47) 2-Hexanone-d5	8.12	63	140467	100.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.29%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	200402	46.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.36%
64) 1,2-Dichlorobenzene-d4	11.65	152	177000	52.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.98%

Target Compounds

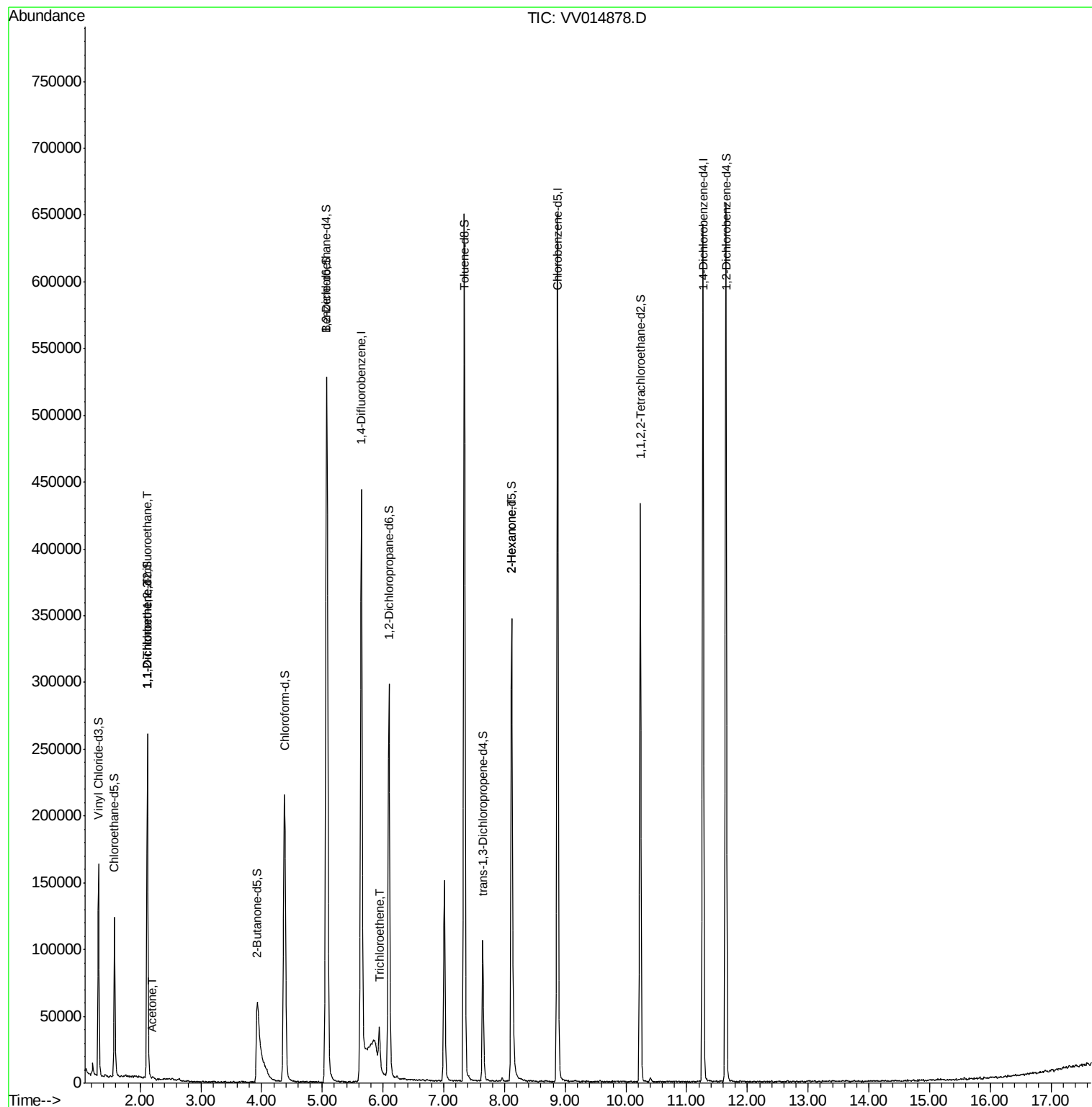
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1562	0.755 ug/L #	18
12) 1,1-Dichloroethene	2.12	96	1703	0.841 ug/L #	1
13) Acetone	2.20	43	1758	1.119 ug/L	74
34) Trichloroethene	5.94	95	10602	3.885 ug/L	92
48) 2-Hexanone	8.12	43	15883	4.938 ug/L #	74

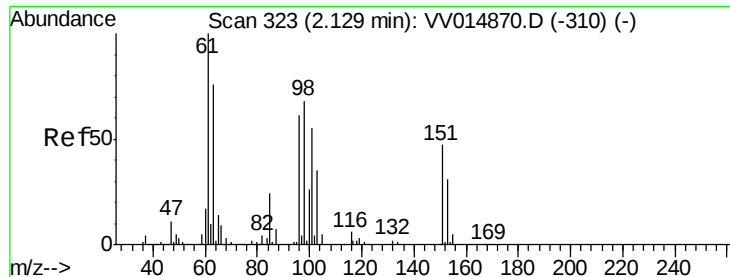
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 13 04:10:22 2020
Response via : Initial Calibration





#10

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

Concen: 0.755 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV014878.D

Acq: 12 Mar 2020 19:27

Instrument :

MSVOA_V

ClientSampleId :

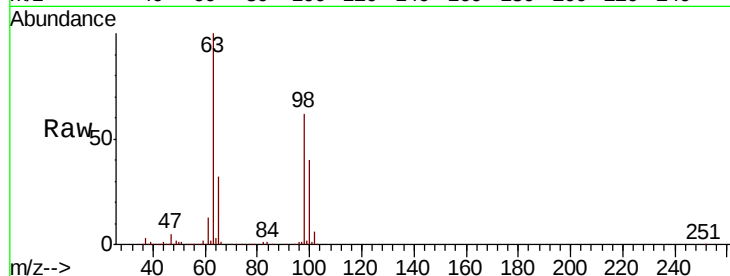
Tot Ion:101 Resp: 1562

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.6#

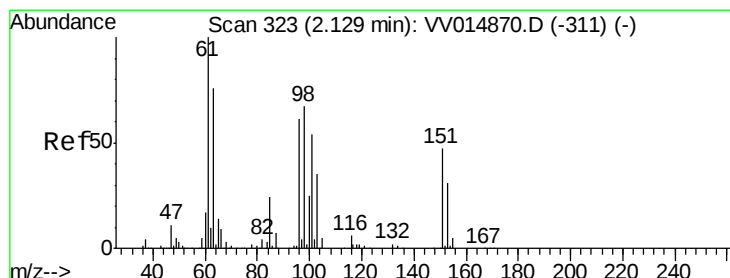
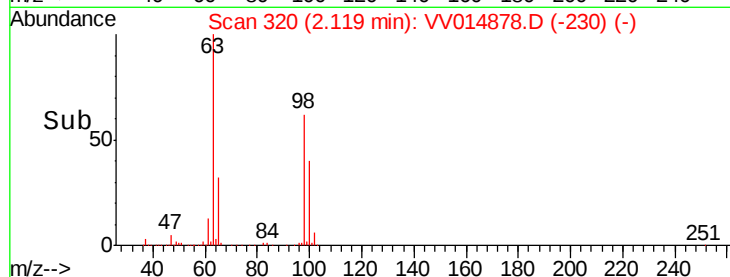
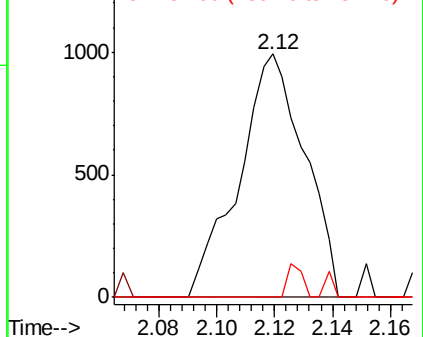
151 3.0 66.4 99.6#



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



#12

1,1-Dichloroethene

Concen: 0.841 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV014878.D

Acq: 12 Mar 2020 19:27

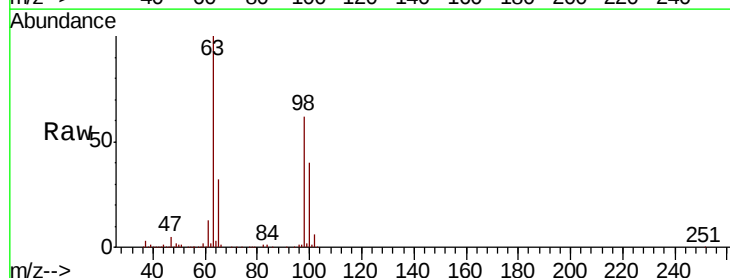
Tgt Ion: 96 Resp: 1703

Ion Ratio Lower Upper

96 100

61 994.5 118.4 220.0#

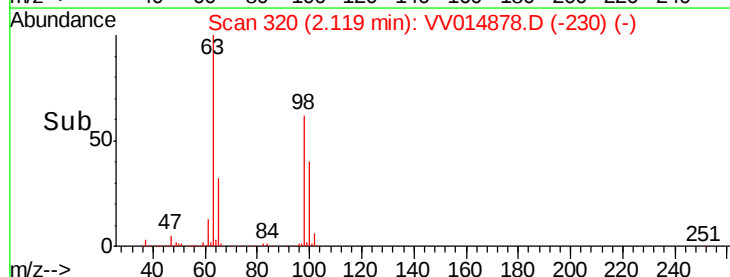
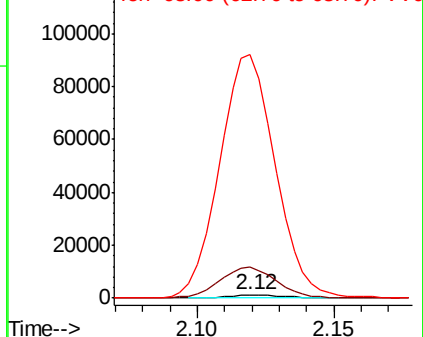
63 7910.0 88.4 164.2#

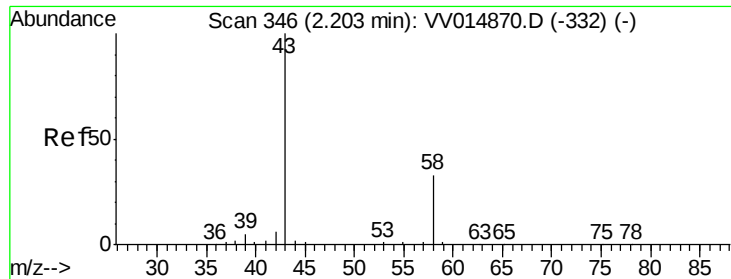


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

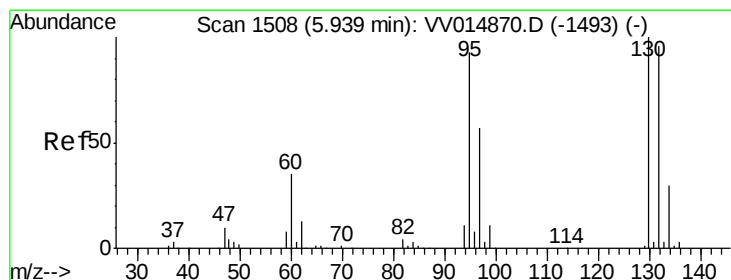
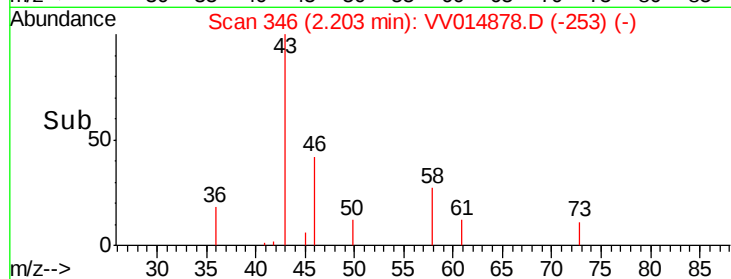
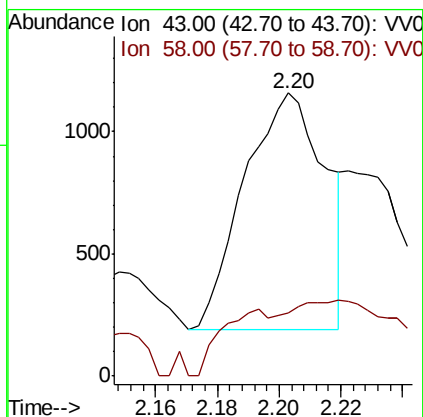
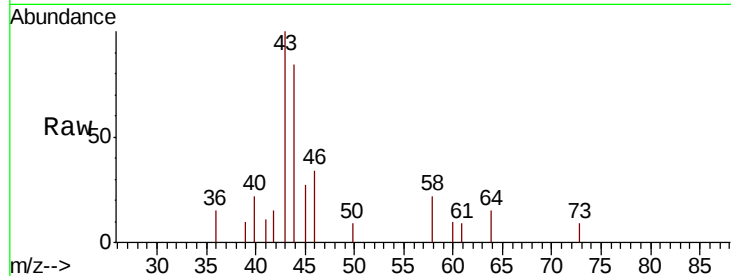




#13
Acetone
Concen: 1.119 ug/L
RT: 2.20 min Scan# 346
Delta R.T. 0.00 min
Lab File: VV014878.D
Acq: 12 Mar 2020 19:27

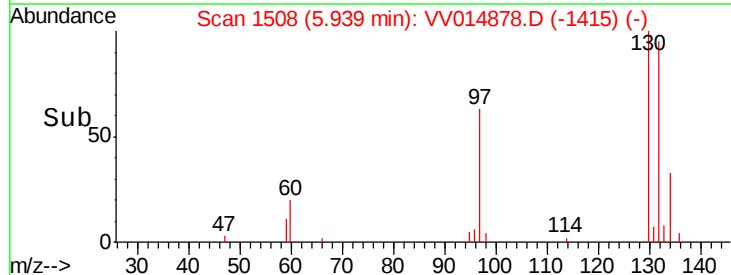
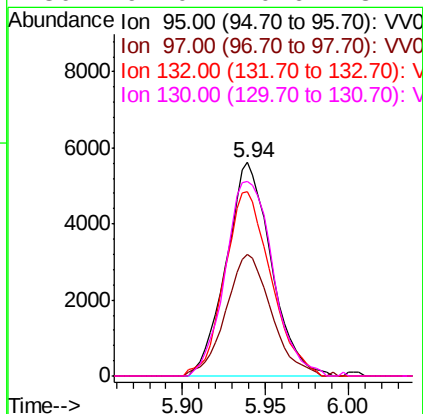
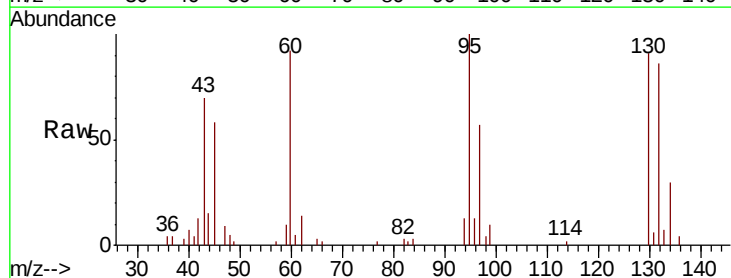
Instrument :
MSVOA_V
ClientSampled :

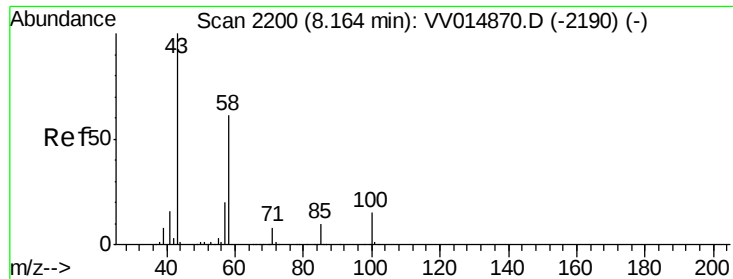
Tot Ion: 43 Resp: 1758
Ion Ratio Lower Upper
43 100
58 16.8 0.0 62.2



#34
Trichloroethene
Concen: 3.885 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV014878.D
Acq: 12 Mar 2020 19:27

Tgt Ion: 95 Resp: 10602
Ion Ratio Lower Upper
95 100
97 57.2 43.8 81.4
132 86.4 65.8 122.2
130 91.0 70.6 131.2

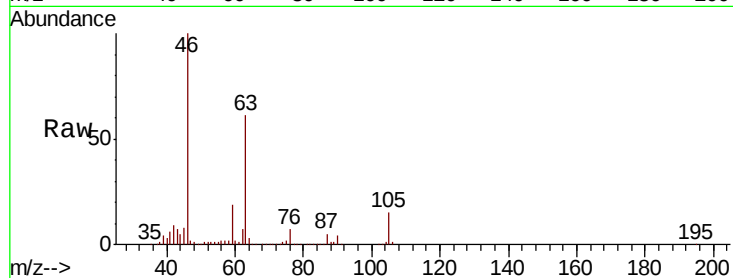




#48
 2-Hexanone
 Concen: 4.938 ug/L
 RT: 8.12 min Scan# 2185
 Delta R.T. -0.05 min
 Lab File: VV014878.D
 Acq: 12 Mar 2020 19:27

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 15883
 Ion Ratio Lower Upper
 43 100
 58 32.4 43.3 64.9#
 57 25.3 15.6 23.4#
 100 0.6 8.7 13.1#



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

