

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV010419\
 Data File : VV009171.D
 Acq On : 04 Jan 2019 20:58
 Operator : SY/MD
 Sample : K1050-07
 Misc : 5.00 G/10ML/MSVOA_V/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BE9W4

Quant Time: Jan 05 05:04:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 05 05:00:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	186000	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	174476	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	88348	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25842	20.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.28%
7) Chloroethane-d5	1.58	69	27073	21.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.76%
10) 1,1-Dichloroethene-d2	2.13	63	65078	15.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.20%
20) 2-Butanone-d5	3.96	46	34042	38.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.08%
24) Chloroform-d	4.40	84	95289	24.33	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.32%
26) 1,2-Dichloroethane-d4	5.08	65	54980	26.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.96%
29) Benzene-d6	5.10	84	184536	23.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.96%
33) 1,2-Dichloropropane-d6	6.12	67	58218	26.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.48%
37) Toluene-d8	7.36	98	167341	22.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.28%
38) trans-1,3-Dichloropropene-	7.67	79	24449	23.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.48%
39) 2-Hexanone-d5	8.15	63	21563	40.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.98%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	58001	23.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.72%
61) 1,2-Dichlorobenzene-d4	11.68	152	71785	24.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.16%

Target Compounds

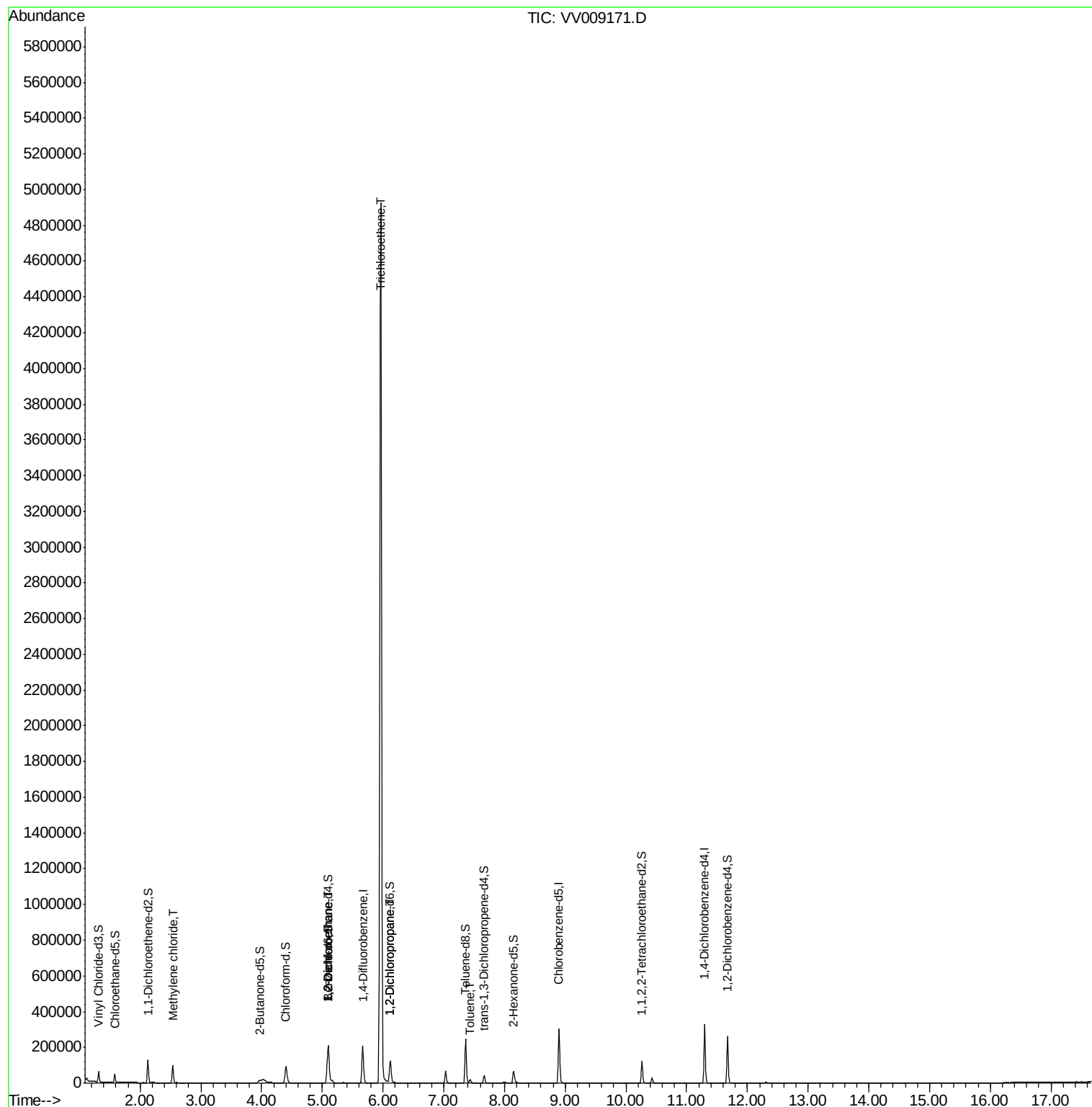
					Qvalue
16) Methylene chloride	2.54	84	42772	15.392 ug/L	95
27) 1,2-Dichloroethane	5.10	62	1080	0.374 ug/L #	73
35) Trichloroethene	5.96	95	1694148	626.957 ug/L	97
40) 1,2-Dichloropropane	6.12	63	6483	2.868 ug/L #	85
44) Toluene	7.43	91	14340	1.418 ug/L	99

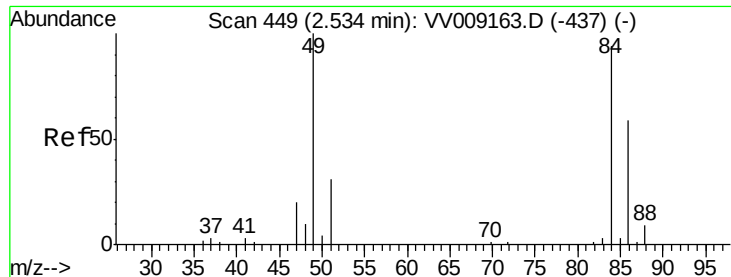
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV010419\
Data File : VV009171.D
Acq On : 04 Jan 2019 20:58
Operator : SY/MD
Sample : K1050-07
Misc : 5.00 G/10ML/MSVOA_V/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BE9W4

Quant Time: Jan 05 05:04:24 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010419S.M
Quant Title : VOC Analysis
QLast Update : Sat Jan 05 05:00:49 2019
Response via : Initial Calibration

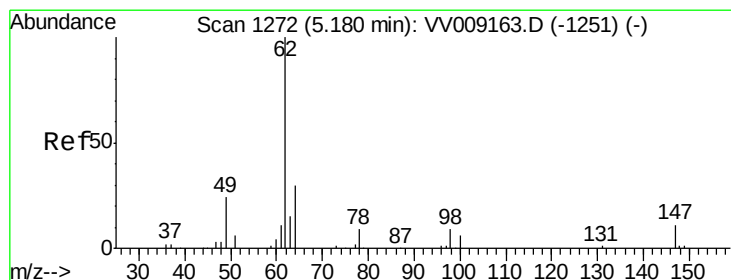
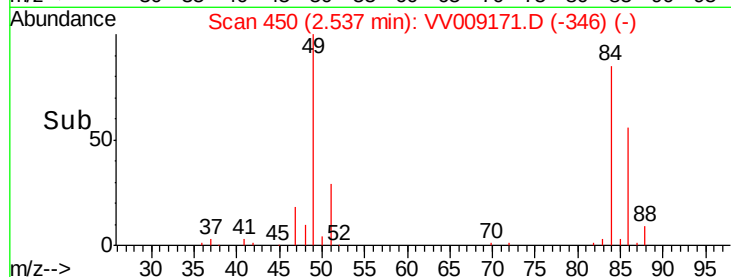
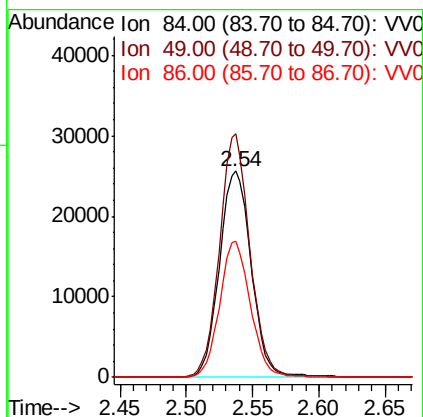
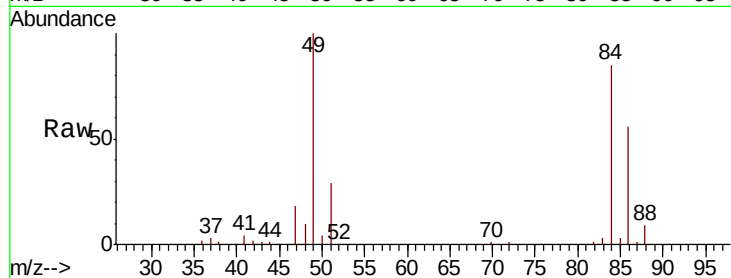




#16
Methylene chloride
Concen: 15.392 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009171.D
Acq: 04 Jan 2019 20:58

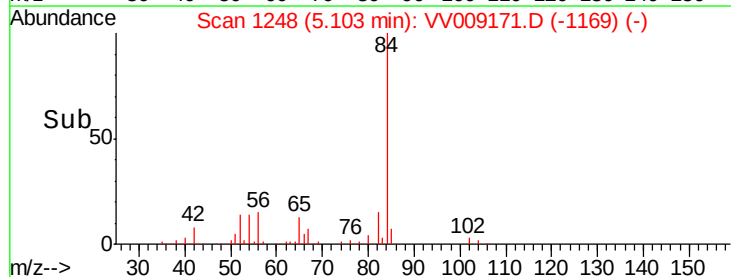
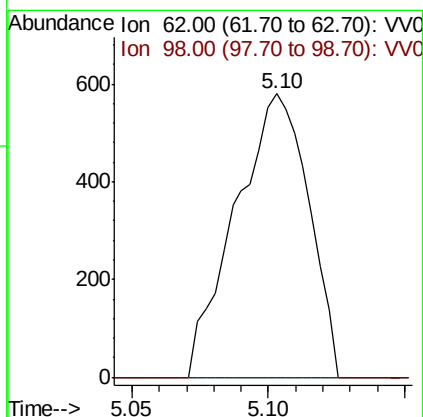
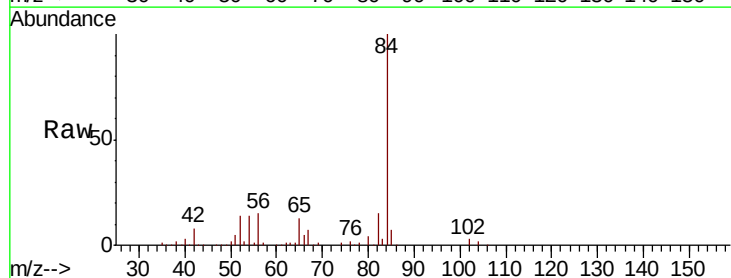
Instrument :
MSVOA_V
ClientSampleId :
BE9W4

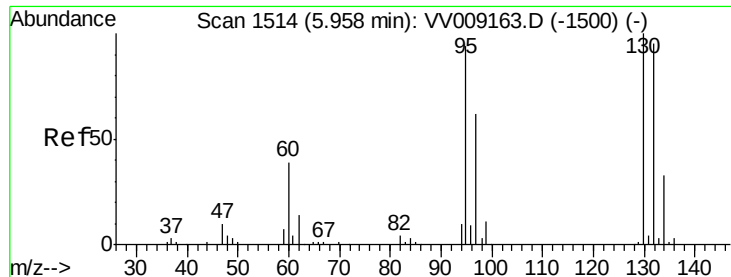
Tgt Ion: 84 Resp: 42772
Ion Ratio Lower Upper
84 100
49 118.1 77.6 144.2
86 65.8 47.4 88.0



#27
1,2-Dichloroethane
Concen: 0.374 ug/L
RT: 5.10 min Scan# 1248
Delta R.T. -0.08 min
Lab File: VV009171.D
Acq: 04 Jan 2019 20:58

Tgt Ion: 62 Resp: 1080
Ion Ratio Lower Upper
62 100
98 0.0 8.1 12.1#





#35

Trichloroethene

Concen: 626.957 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV009171.D

Acq: 04 Jan 2019 20:58

Instrument :

MSVOA_V

ClientSampled :

BE9W4

Tgt Ion: 95 Resp: 1694148

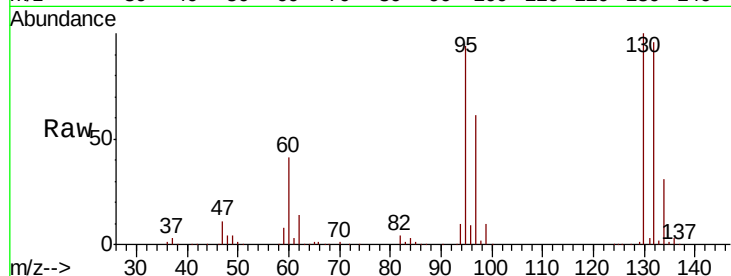
Ion Ratio Lower Upper

95 100

97 64.7 46.2 85.8

132 102.8 73.9 137.3

130 106.8 77.0 143.0

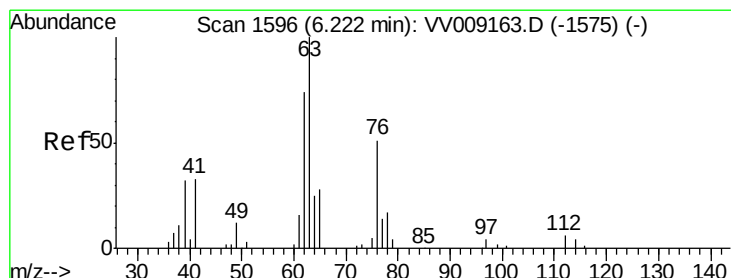
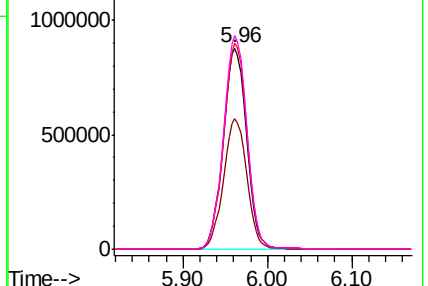
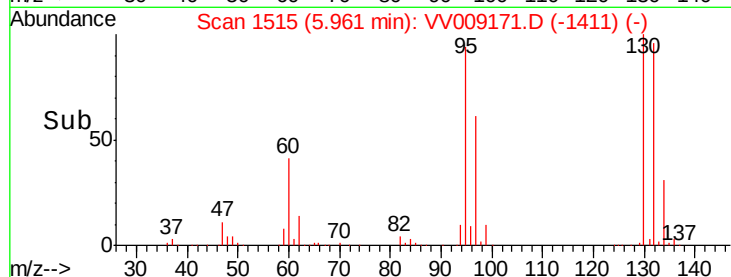


Abundance Ion 95.00 (94.70 to 95.70): VV009171.D (-1411) (-)

Ion 97.00 (96.70 to 97.70): VV009171.D (-1411) (-)

Ion 132.00 (131.70 to 132.70): VV009171.D (-1411) (-)

Ion 130.00 (129.70 to 130.70): VV009171.D (-1411) (-)



#40

1,2-Dichloropropane

Concen: 2.868 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

Lab File: VV009171.D

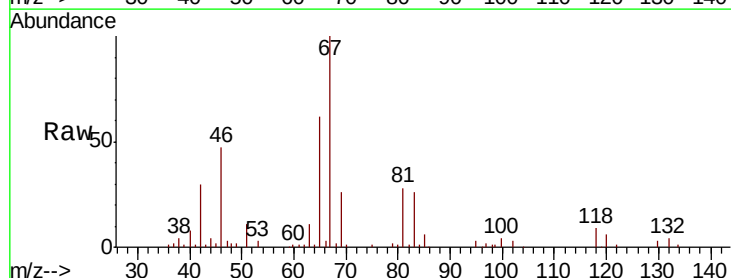
Acq: 04 Jan 2019 20:58

Tgt Ion: 63 Resp: 6483

Ion Ratio Lower Upper

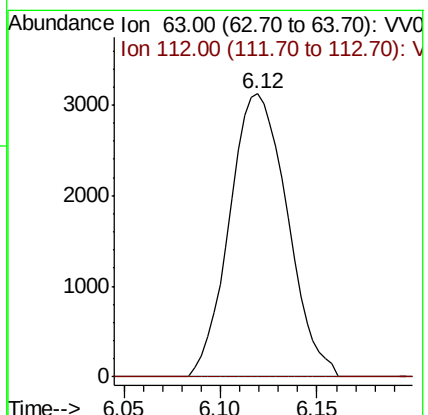
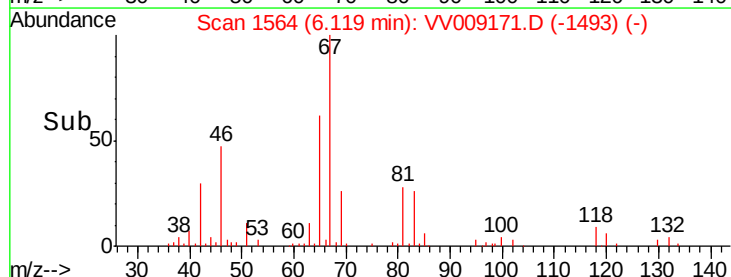
63 100

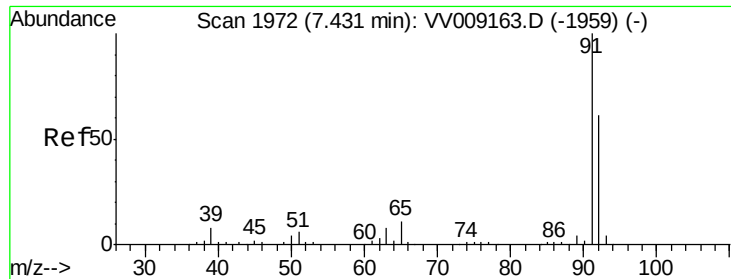
112 0.0 3.9 5.9#



Abundance Ion 63.00 (62.70 to 63.70): VV009171.D (-1493) (-)

Ion 112.00 (111.70 to 112.70): VV009171.D (-1493) (-)





#44

Toluene

Concen: 1.418 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV009171.D

Acq: 04 Jan 2019 20:58

Instrument :

MSVOA_V

ClientSampleId :

BE9W4

Tgt Ion: 91 Resp: 14340

Ion Ratio Lower Upper

91 100

92 60.7 41.7 77.5

