

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010821\
 Data File : VV019946.D
 Acq On : 08 Jan 2021 14:35
 Operator : SY/MD
 Sample : M1064-03 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4X4

Quant Time: Jan 08 22:52:27 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 22:51:06 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	478840	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	462646	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	212057	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	102056	27.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	55.08%#
7) Chloroethane-d5	1.57	69	106832	36.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.54%
11) 1,1-Dichloroethene-d2	2.11	63	180452	25.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.52%#
21) 2-Butanone-d5	3.89	46	301570	109.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.80%
24) Chloroform-d	4.35	84	279024	39.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.70%
26) 1,2-Dichloroethane-d4	5.04	65	199412	43.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.16%
32) Benzene-d6	5.05	84	493081	37.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.02%
36) 1,2-Dichloropropane-d6	6.07	67	176848	40.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.74%
41) Toluene-d8	7.32	98	414315	34.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	69.88%#
43) trans-1,3-Dichloropropene-	7.63	79	73897	33.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.86%
47) 2-Hexanone-d5	8.09	63	163584	90.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.35%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	252809	44.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.74%
64) 1,2-Dichlorobenzene-d4	11.63	152	178966	44.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.24%

Target Compounds

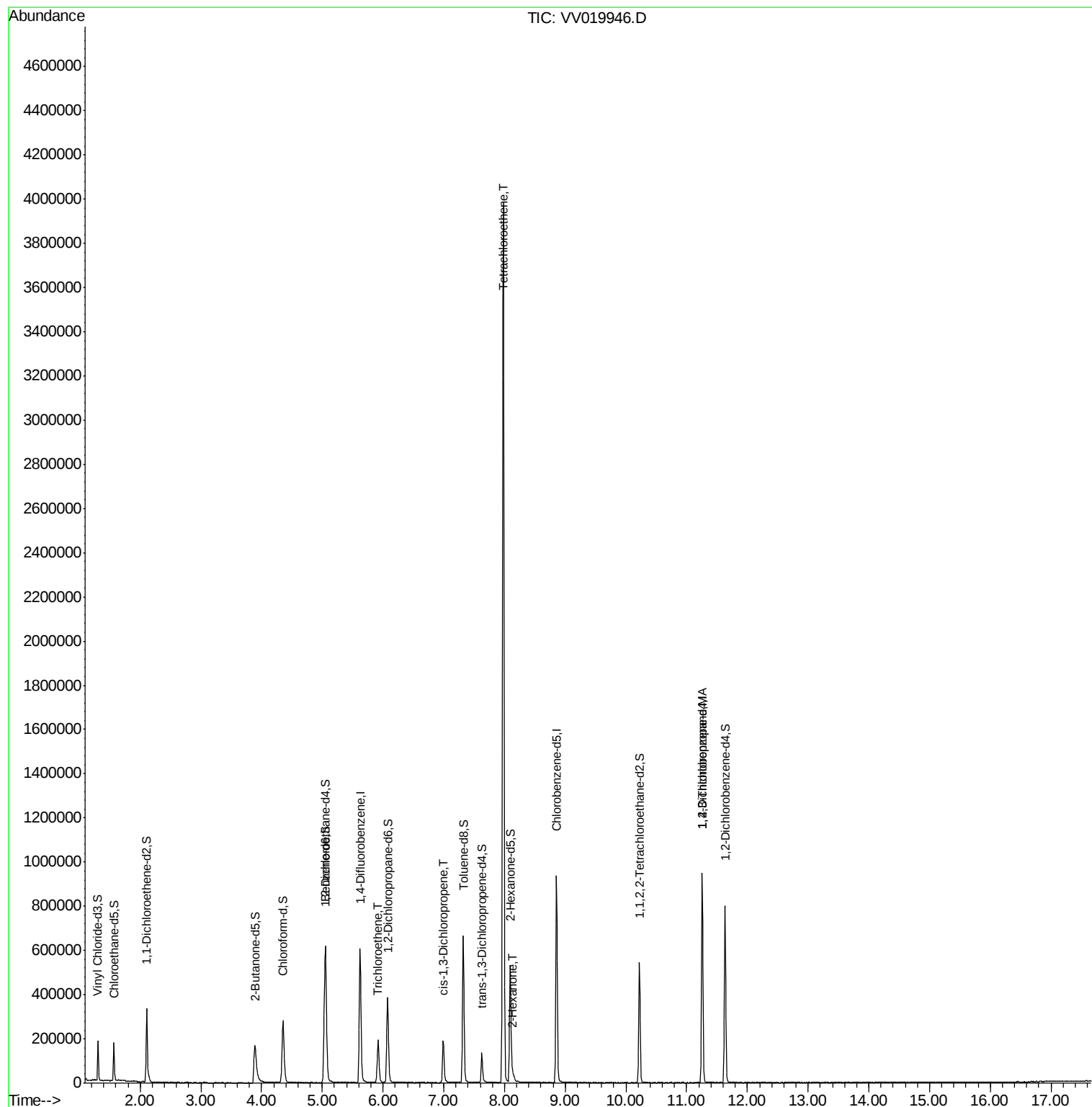
					Ovalue
34) Trichloroethene	5.92	95	59748	15.477 ug/L	99
39) cis-1,3-Dichloropropene	6.99	75	5285	0.878 ug/L #	66
46) Tetrachloroethene	7.98	164	773863	300.174 ug/L	98
48) 2-Hexanone	8.15	43	12470	2.757 ug/L #	74
59) 1,2,3-Trichloropropane	11.26	75	31431	6.327 ug/L	90

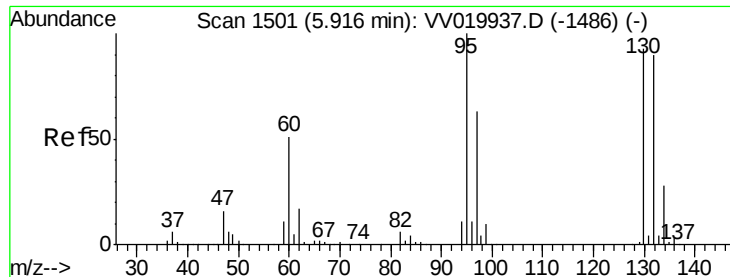
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV010821\
Data File : VV019946.D
Acq On : 08 Jan 2021 14:35
Operator : SY/MD
Sample : M1064-03 100X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4X4

Quant Time: Jan 08 22:52:27 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 08 22:51:06 2021
Response via : Initial Calibration





#34

Trichloroethene

Concen: 15.477 ug/L

RT: 5.92 min Scan# 1502

Delta R.T. 0.00 min

Lab File: VV019946.D

Acq: 08 Jan 2021 14:35

Instrument :

MSVOA_V

ClientSampled :

BG4X4

Tot Ion: 95 Resp: 59748

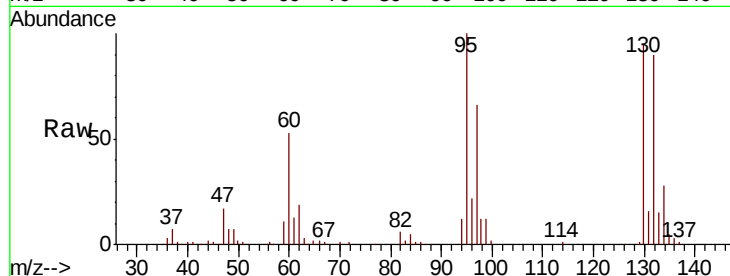
Ion Ratio Lower Upper

95 100

97 66.1 44.5 82.7

132 90.3 63.4 117.8

130 95.1 67.1 124.5

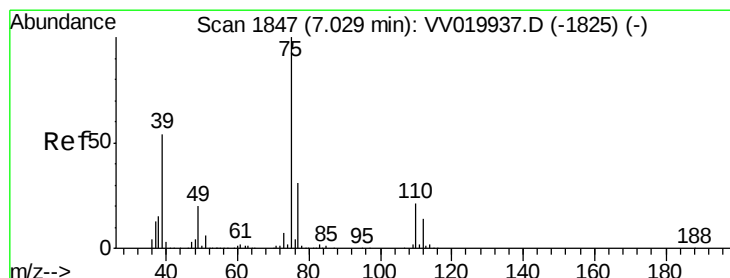
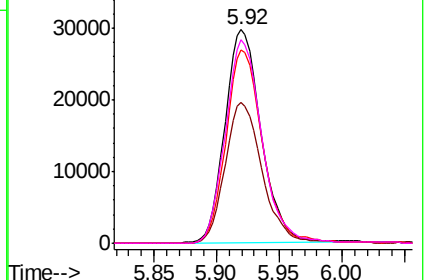
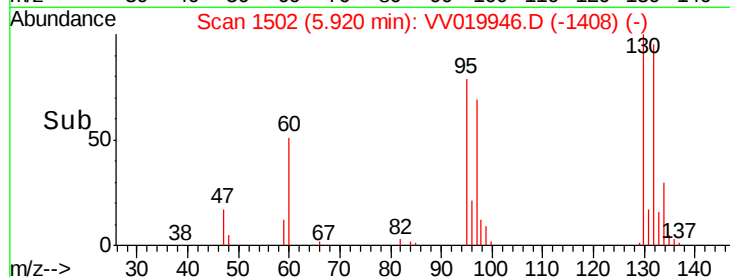


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#39

cis-1,3-Dichloropropene

Concen: 0.878 ug/L

RT: 6.99 min Scan# 1834

Delta R.T. -0.04 min

Lab File: VV019946.D

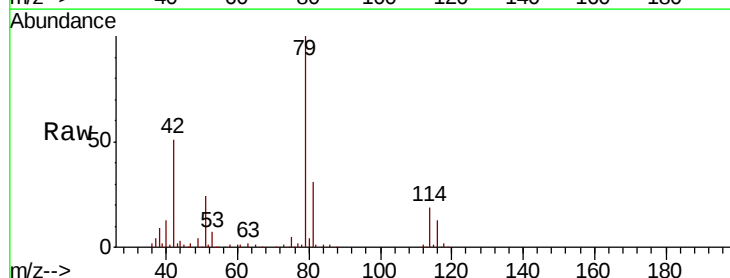
Acq: 08 Jan 2021 14:35

Tgt Ion: 75 Resp: 5285

Ion Ratio Lower Upper

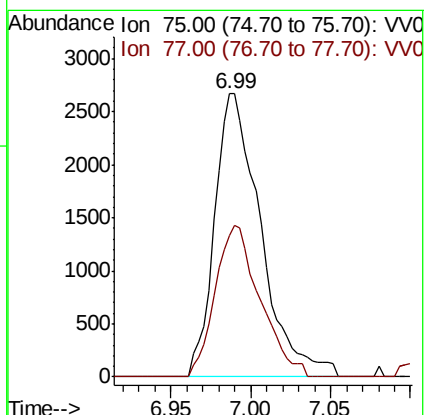
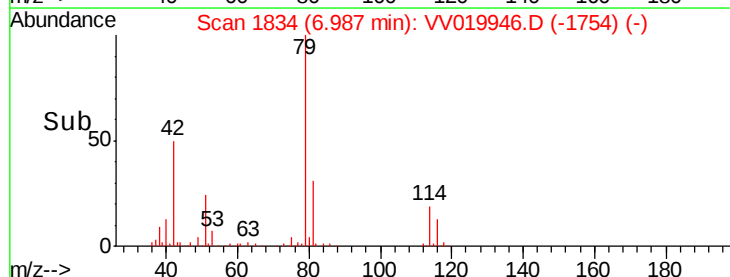
75 100

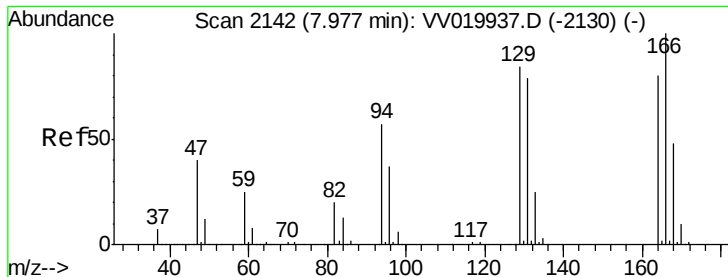
77 49.8 21.8 40.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

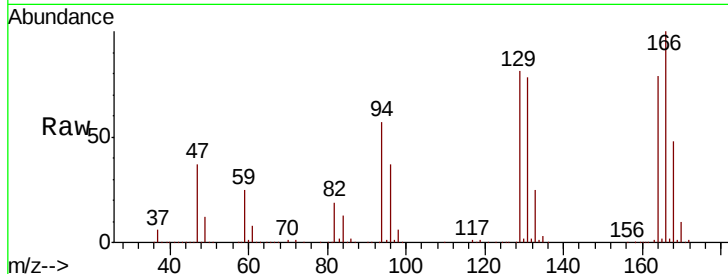




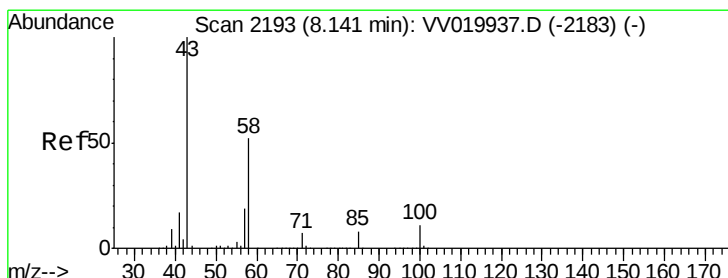
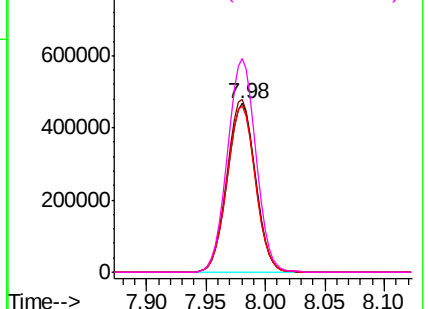
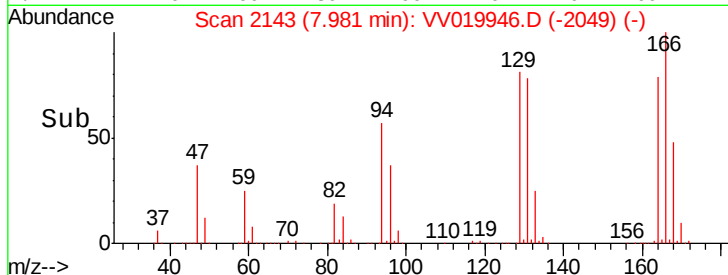
#46
Tetrachloroethene
Concen: 300.174 ug/L
RT: 7.98 min Scan# 2143
Delta R.T. 0.00 min
Lab File: VV019946.D
Acq: 08 Jan 2021 14:35

Instrument :
MSVOA_V
ClientSampled :
BG4X4

Tot Ion:164 Resp: 773863
Ion Ratio Lower Upper
164 100
129 102.3 70.6 131.0
131 98.6 66.8 124.0
166 126.8 88.2 163.8

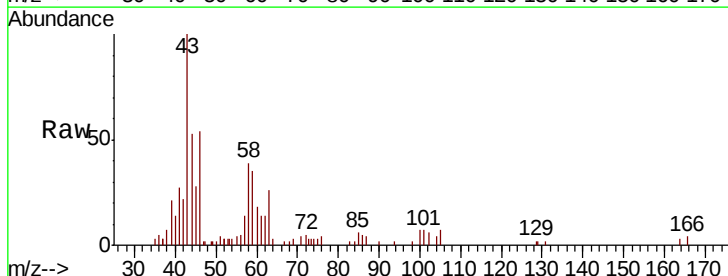


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

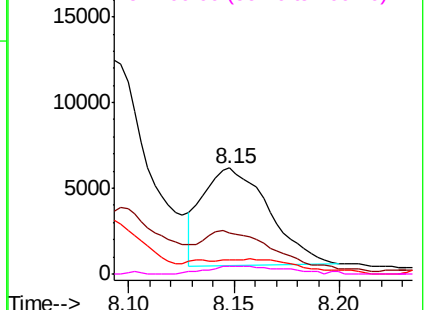
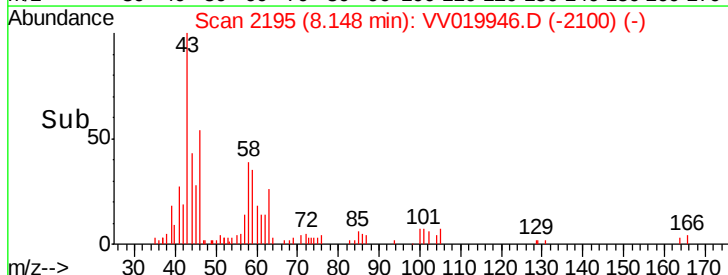


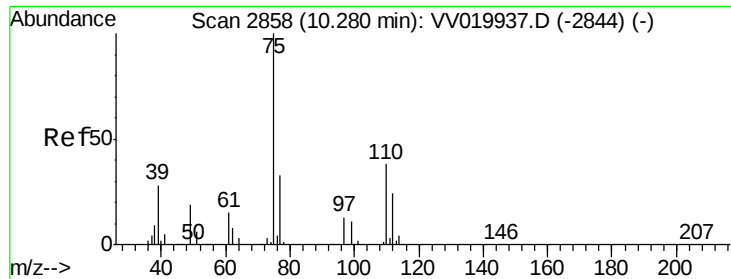
#48
2-Hexanone
Concen: 2.757 ug/L
RT: 8.15 min Scan# 2195
Delta R.T. 0.01 min
Lab File: VV019946.D
Acq: 08 Jan 2021 14:35

Tgt Ion: 43 Resp: 12470
Ion Ratio Lower Upper
43 100
58 35.4 41.8 62.6#
57 0.9 15.0 22.4#
100 6.8 8.9 13.3#



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





#59

1,2,3-Trichloropropane

Concen: 6.327 ug/L

RT: 11.26 min Scan# 3162

Delta R.T. 0.98 min

Lab File: VV019946.D

Acq: 08 Jan 2021 14:35

Instrument :

MSVOA_V

ClientSampleId :

BG4X4

Tot Ion: 75 Resp: 31431

Ion Ratio Lower Upper

75 100

77 37.2 25.4 38.0

