

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090919\
 Data File : VV012632.D
 Acq On : 09 Sep 2019 19:35
 Operator : SY/MD
 Sample : K4703-15
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFD98

Quant Time: Sep 10 09:45:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 10 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	371671	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	368121	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	143970	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	123896	4.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.20%
7) Chloroethane-d5	1.58	69	109286	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.80%
11) 1,1-Dichloroethene-d2	2.13	63	150617	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	3.94	46	363425	59.90	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.80%
24) Chloroform-d	4.40	84	232690	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	5.08	65	121820	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.20%
32) Benzene-d6	5.10	84	442172	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.12	67	148302	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.20%
41) Toluene-d8	7.36	98	352120	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	7.66	79	47753	4.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.40%
46) 2-Hexanone-d5	8.13	63	188634	51.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.78%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	105384	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	140937	5.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.40%

Target Compounds

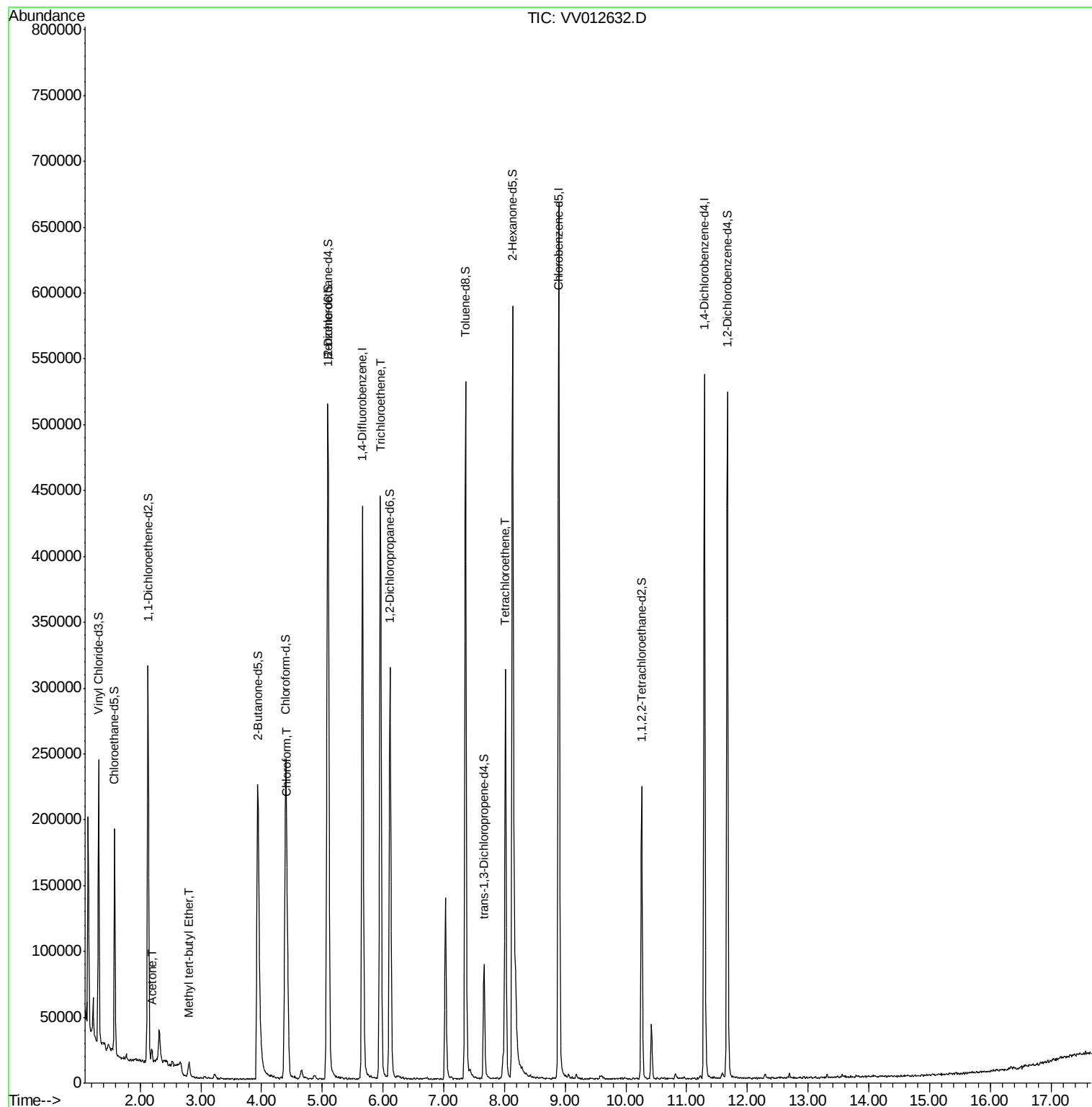
					Ovalue
13) Acetone	2.19	43	8969	2.522 ug/L	96
17) Methyl tert-butyl Ether	2.81	73	9604	0.177 ug/L #	90
25) Chloroform	4.42	83	65880	1.224 ug/L	96
34) Trichloroethene	5.96	95	151542	5.097 ug/L	97
47) Tetrachloroethene	8.02	164	72490	3.106 ug/L	97

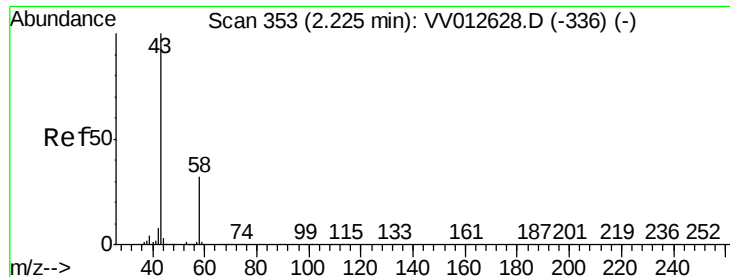
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.522 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.03 min

Lab File: VV012632.D

Acq: 09 Sep 2019 19:35

Instrument :

MSVOA_V

ClientSampleId :

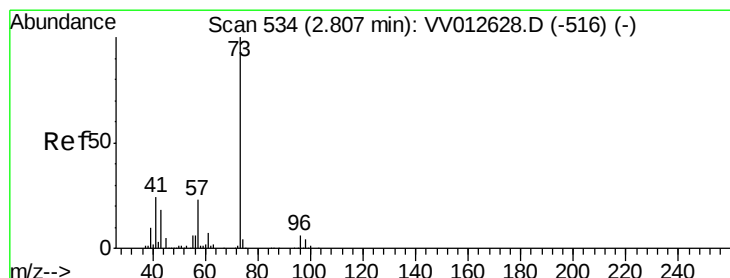
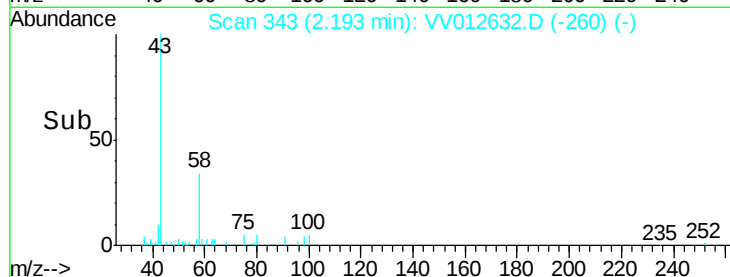
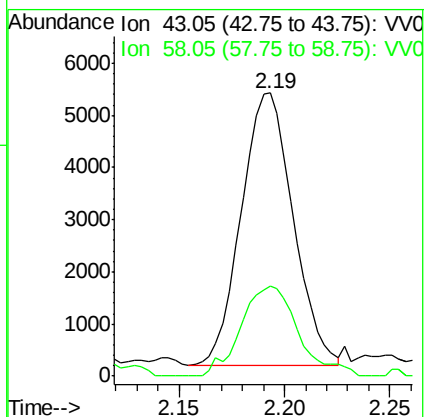
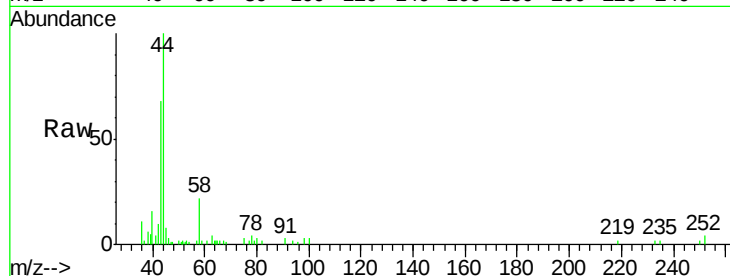
BFD98

Tot Ion: 43 Resp: 8969

Ion Ratio Lower Upper

43 100

58 36.2 0.0 67.4



#17

Methyl tert-butyl Ether

Concen: 0.177 ug/L

RT: 2.81 min Scan# 534

Delta R.T. 0.00 min

Lab File: VV012632.D

Acq: 09 Sep 2019 19:35

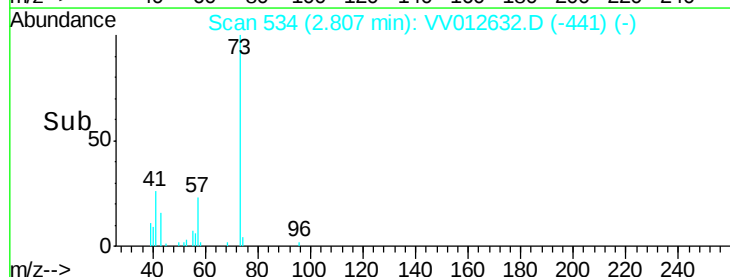
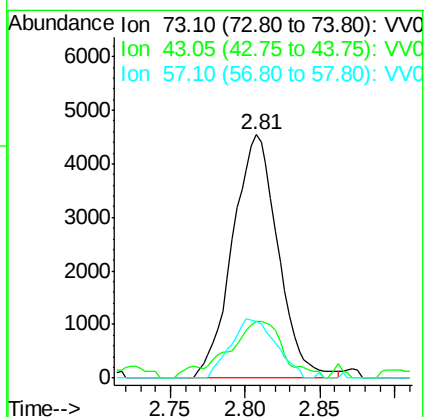
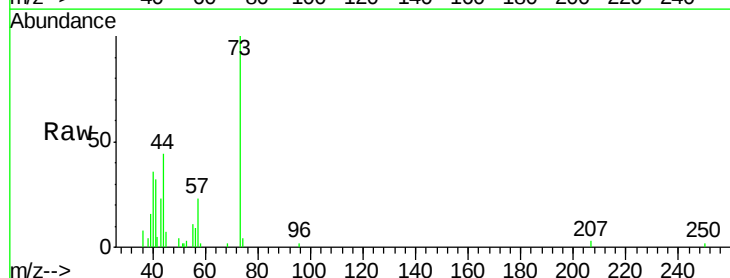
Tgt Ion: 73 Resp: 9604

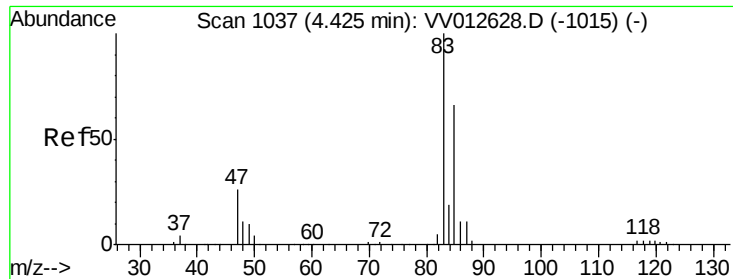
Ion Ratio Lower Upper

73 100

43 26.4 14.6 21.8#

57 24.1 18.2 27.2

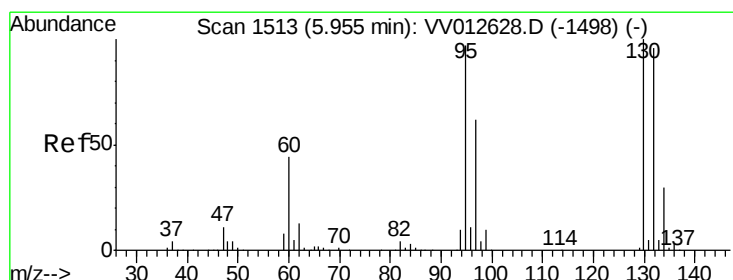
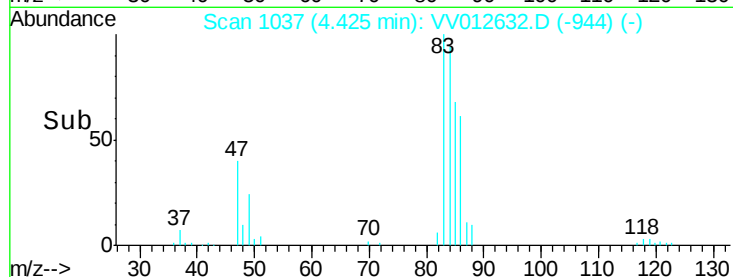
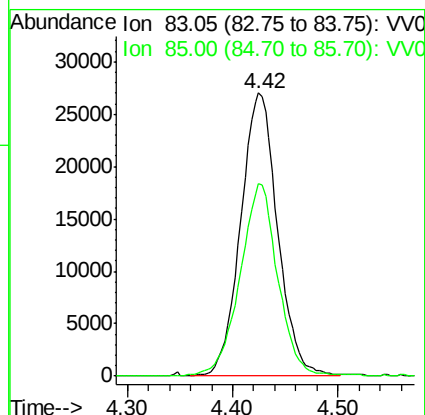
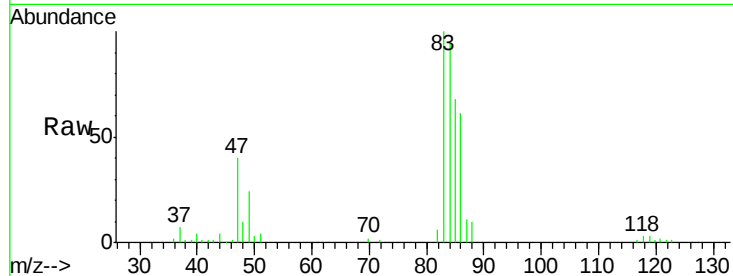




#25
Chloroform
Concen: 1.224 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV012632.D
Acq: 09 Sep 2019 19:35

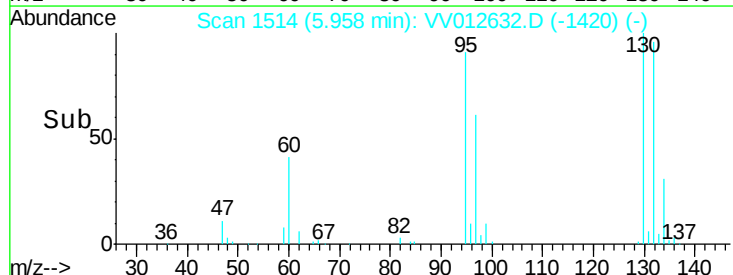
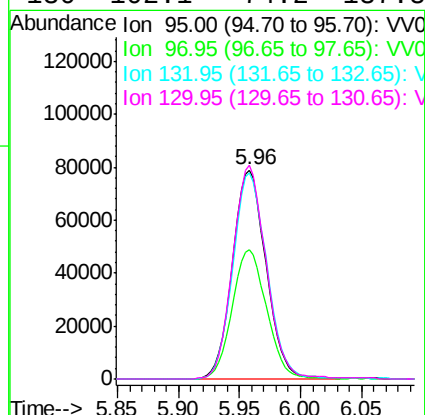
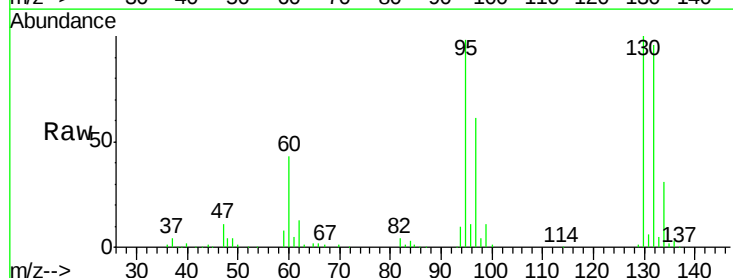
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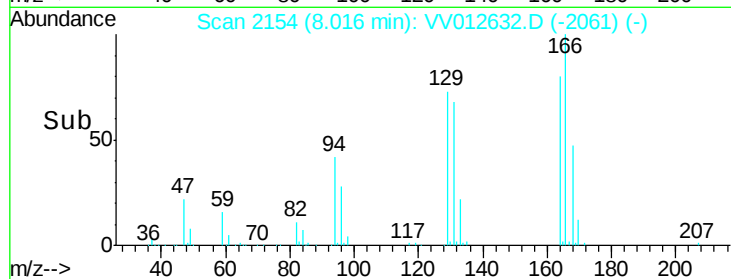
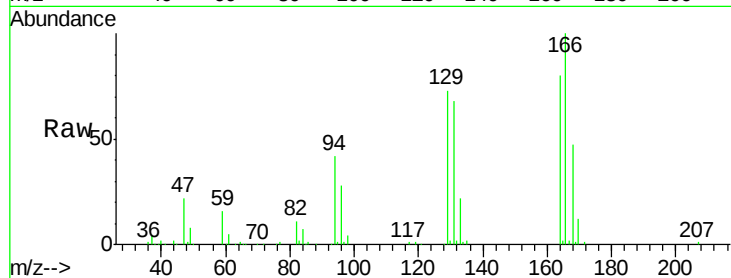
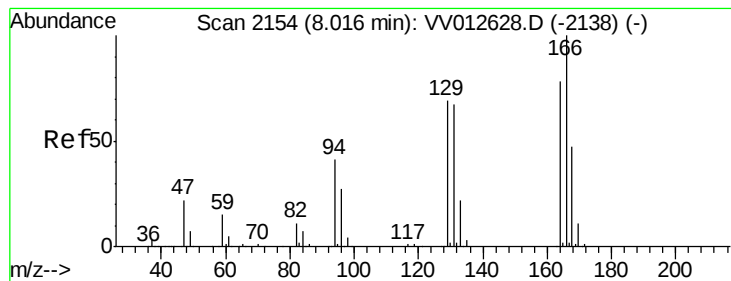
Tot Ion: 83 Resp: 65880
Ion Ratio Lower Upper
83 100
85 67.9 45.3 84.1



#34
Trichloroethene
Concen: 5.097 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV012632.D
Acq: 09 Sep 2019 19:35

Tgt Ion: 95 Resp: 151542
Ion Ratio Lower Upper
95 100
97 61.9 45.4 84.2
132 98.3 70.2 130.4
130 102.1 74.2 137.8





#47

Tetrachloroethene

Concen: 3.106 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV012632.D

Acq: 09 Sep 2019 19:35

Instrument :
MSVOA_V
ClientSampleId :
BFD98

Tot Ion:164 Resp: 72490

Ion Ratio Lower Upper

164 100

129 91.6 61.9 114.9

131 85.1 59.7 110.9

166 124.7 90.4 167.8

Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

