

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051320\
 Data File : VV016053.D
 Acq On : 13 May 2020 20:22
 Operator : SY/MD
 Sample : L2598-07
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4231

Quant Time: May 14 05:49:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 14 02:25:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	152195	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	153474	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	67149	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	46665	5.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.00%
7) Chloroethane-d5	1.58	69	44872	5.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.60%
11) 1,1-Dichloroethene-d2	2.13	63	77545	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.40%
20) 2-Butanone-d5	3.93	46	120906	51.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.68%
24) Chloroform-d	4.38	84	93844	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.06	65	53581	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.08	84	186559	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	6.10	67	57311	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.34	98	164503	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
45) trans-1,3-Dichloropropene-	7.65	79	17582	4.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.40%
48) 2-Hexanone-d5	8.12	63	90022	46.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.68%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	40198	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	57940	5.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.40%

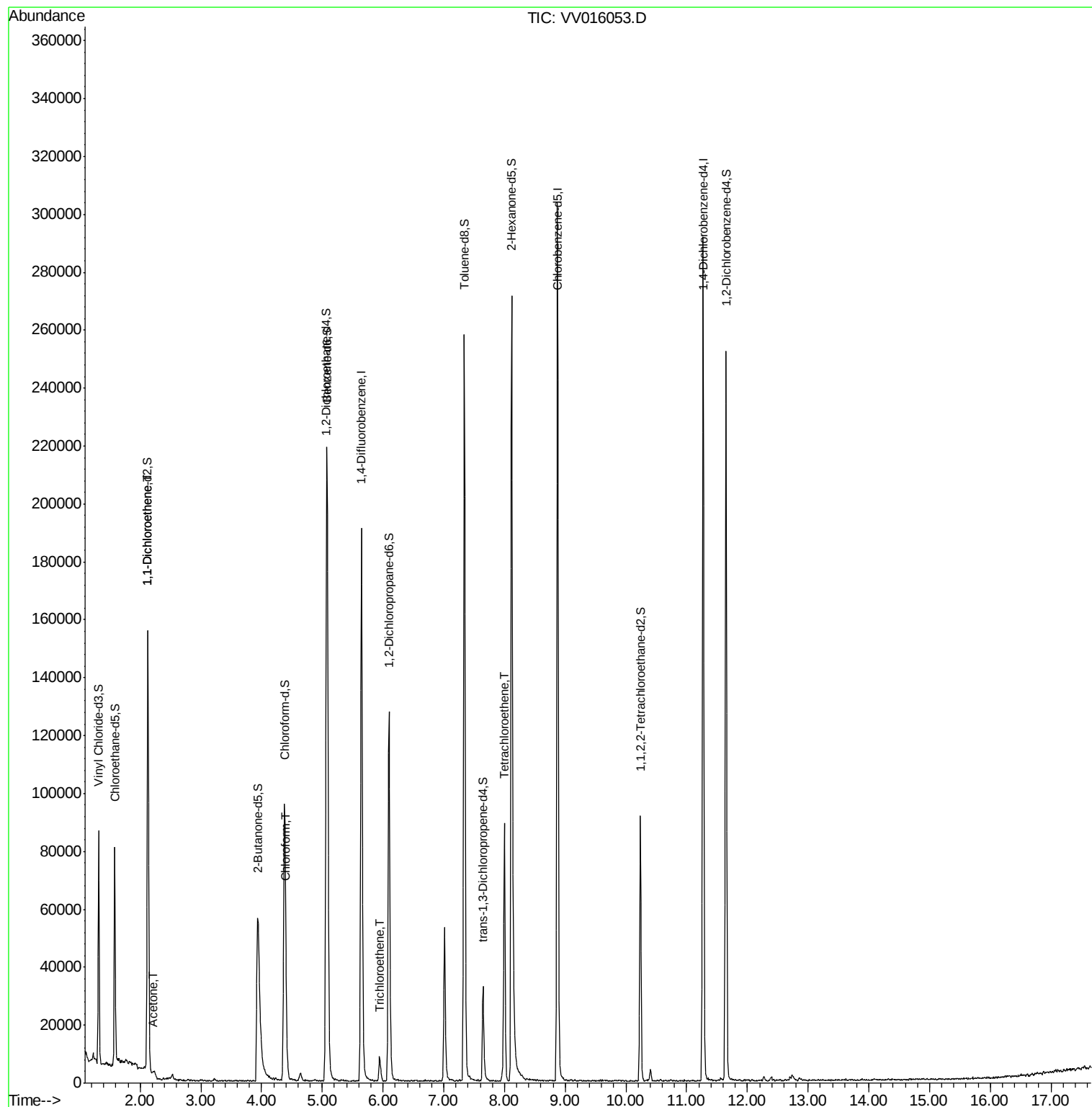
Target Compounds					Ovalue
12) 1,1-Dichloroethene	2.14	96	12079	1.442 ug/L	# 4
13) Acetone	2.22	43	4436	2.855 ug/L	93
25) Chloroform	4.41	83	5920	0.302 ug/L	86
34) Trichloroethene	5.95	95	2900	0.263 ug/L	84
49) Tetrachloroethene	8.00	164	18170	2.363 ug/L	97

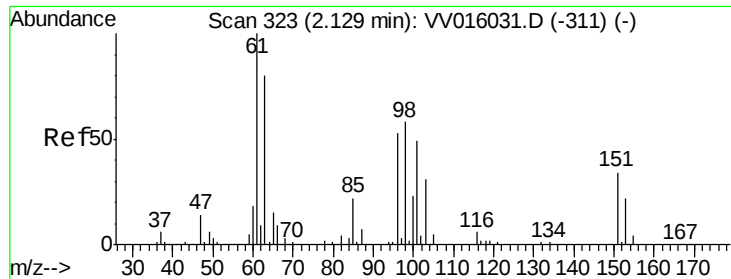
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.442 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.01 min

Lab File: VV016053.D

Acq: 13 May 2020 20:22

Instrument :

MSVOA_V

ClientSampled :

H4231

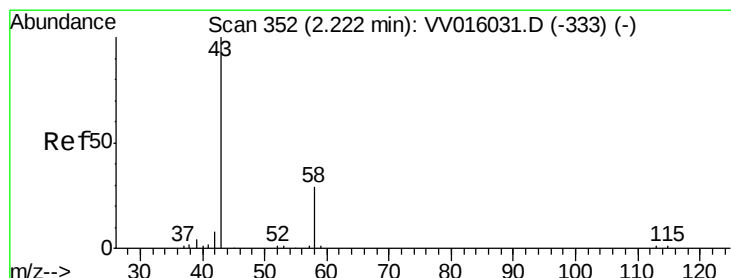
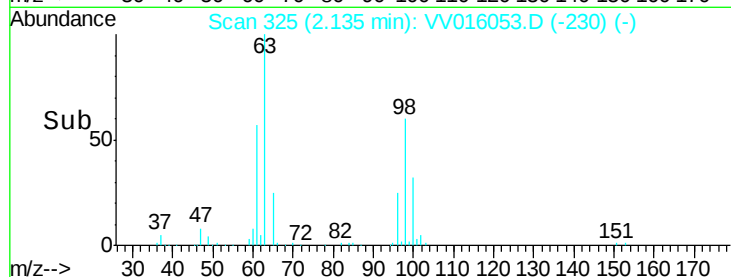
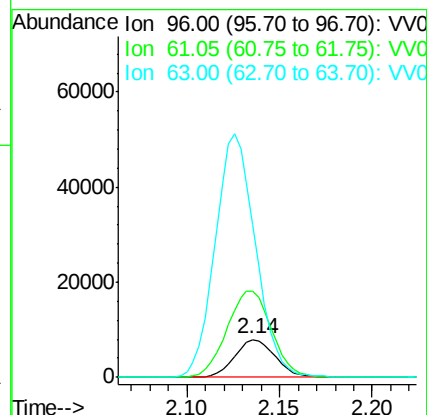
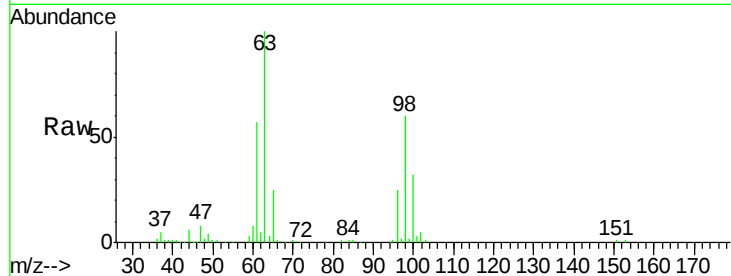
Tot Ion: 96 Resp: 12079

Ion Ratio Lower Upper

96 100

61 228.2 139.9 259.7

63 403.4 106.4 197.6#



#13

Acetone

Concen: 2.855 ug/L

RT: 2.22 min Scan# 351

Delta R.T. -0.00 min

Lab File: VV016053.D

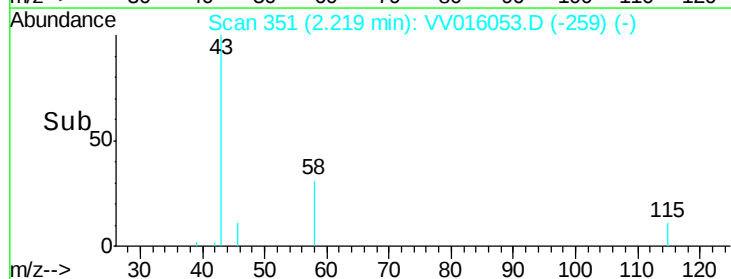
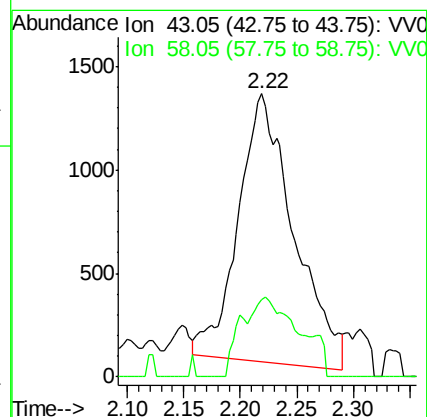
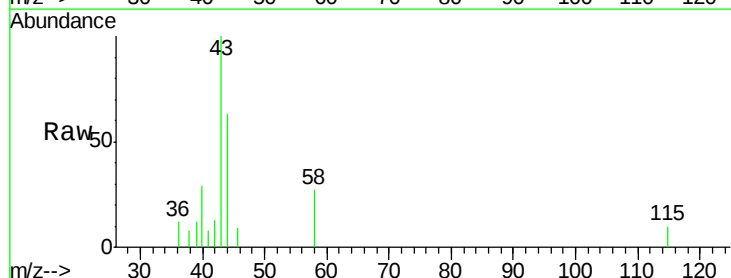
Acq: 13 May 2020 20:22

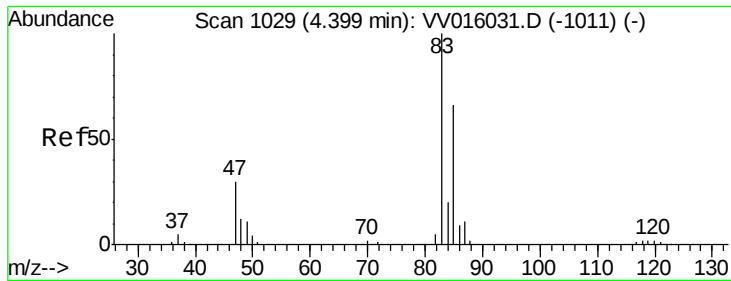
Tgt Ion: 43 Resp: 4436

Ion Ratio Lower Upper

43 100

58 12.6 0.0 30.8

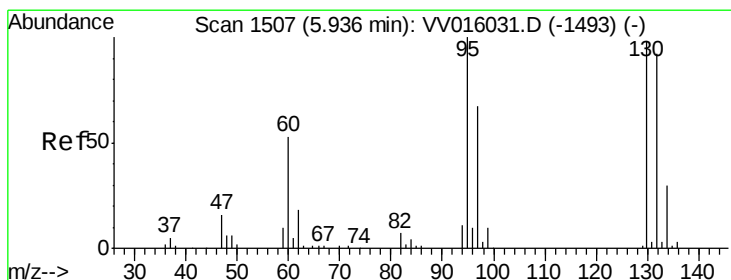
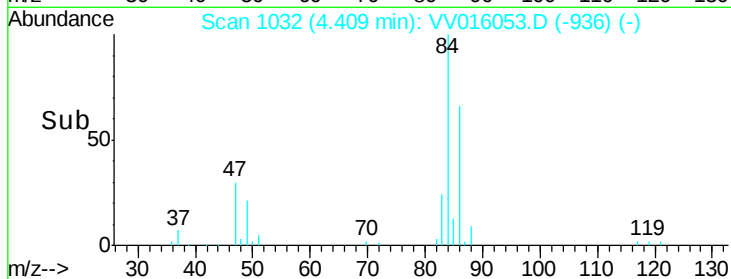
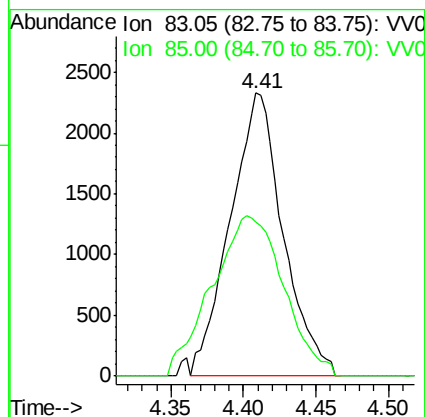
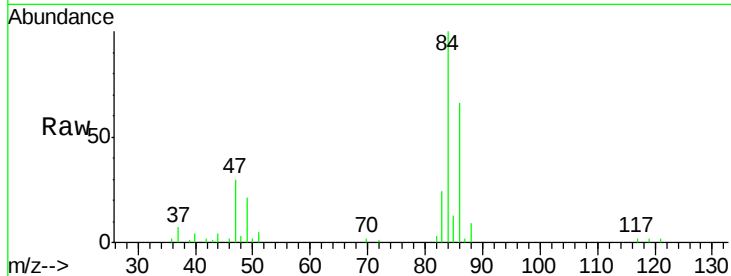




#25
Chloroform
Concen: 0.302 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV016053.D
Acq: 13 May 2020 20:22

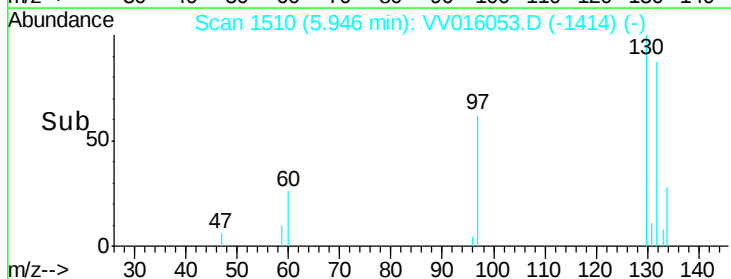
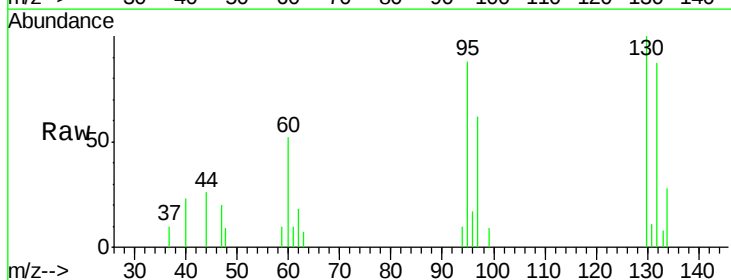
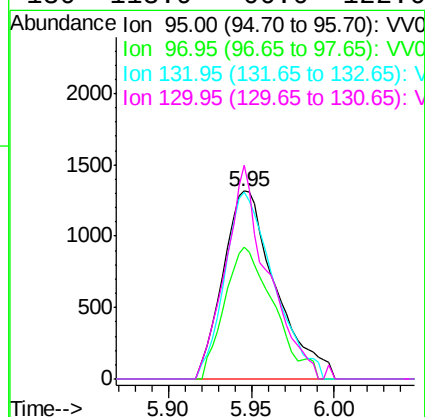
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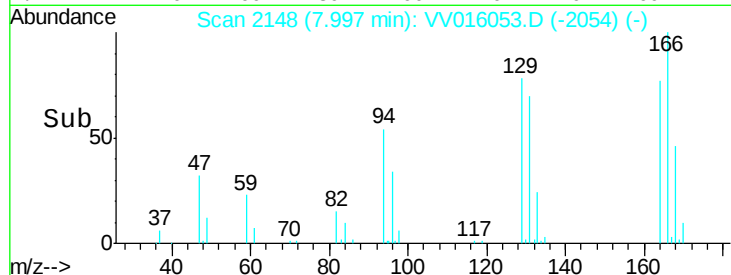
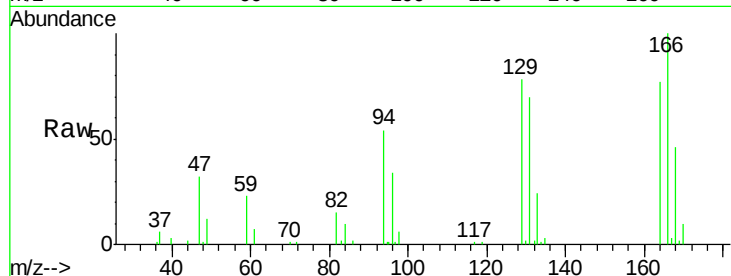
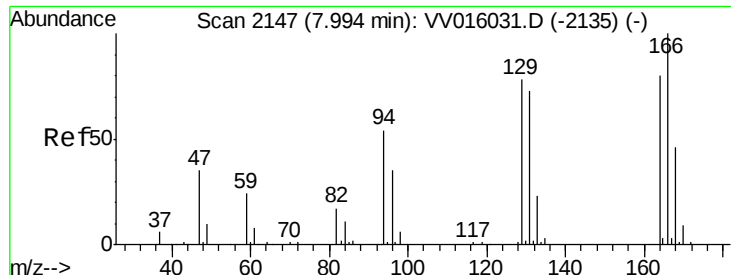
Tot Ion: 83 Resp: 5920
Ion Ratio Lower Upper
83 100
85 54.5 45.7 84.9



#34
Trichloroethene
Concen: 0.263 ug/L
RT: 5.95 min Scan# 1510
Delta R.T. 0.01 min
Lab File: VV016053.D
Acq: 13 May 2020 20:22

Tgt Ion: 95 Resp: 2900
Ion Ratio Lower Upper
95 100
97 70.2 43.3 80.5
132 99.5 60.3 112.1
130 113.9 66.0 122.6





#49

Tetrachloroethene

Concen: 2.363 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV016053.D

Acq: 13 May 2020 20:22

Instrument :

MSVOA_V

ClientSampleId :

H4231

Tot Ion:164 Resp: 18170

Ion Ratio Lower Upper

164 100

129 101.7 69.7 129.4

131 91.0 66.8 124.2

166 130.2 89.1 165.5

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

