

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111819\
 Data File : VV013659.D
 Acq On : 18 Nov 2019 15:24
 Operator : SY/MD
 Sample : K5910-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQH6

Quant Time: Nov 19 05:50:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 19 04:25:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	338361	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	335692	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	147707	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	104126	4.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.60%
7) Chloroethane-d5	1.58	69	98467	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.60%
11) 1,1-Dichloroethene-d2	2.13	63	142535	3.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.00%
20) 2-Butanone-d5	3.92	46	253350	52.42	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.84%
24) Chloroform-d	4.39	84	232878	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.08	65	116673	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.09	84	450269	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.11	67	141639	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.35	98	395812	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	7.66	79	49360	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	8.13	63	182041	45.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.40%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	91892	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	154433	5.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.60%

Target Compounds

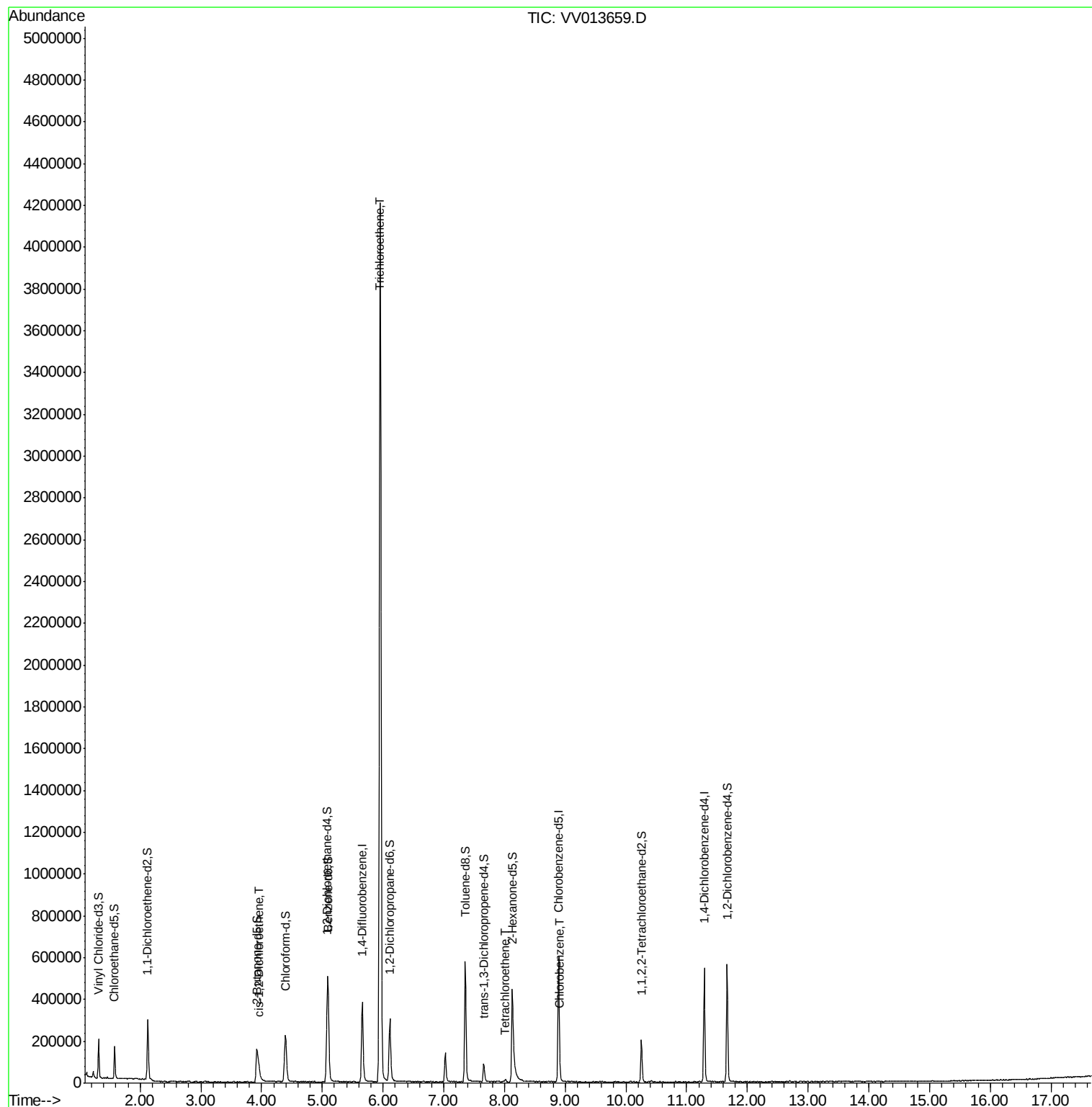
					Ovalue
22) cis-1,2-Dichloroethene	3.96	96	21025	0.813 ug/L	# 95
34) Trichloroethene	5.95	95	1442748	53.050 ug/L	100
47) Tetrachloroethene	8.01	164	2548	0.101 ug/L	78
51) Chlorobenzene	8.92	112	5900	0.082 ug/L	95

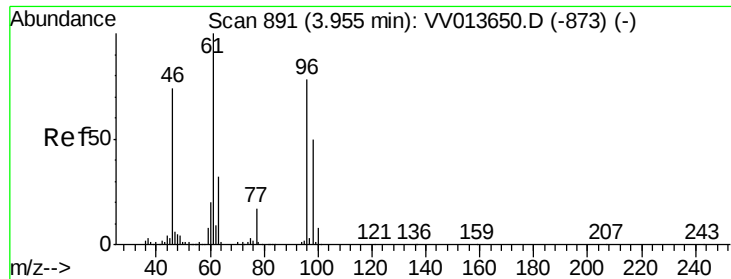
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV111819\
Data File : VV013659.D
Acq On : 18 Nov 2019 15:24
Operator : SY/MD
Sample : K5910-01
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAQH6

Quant Time: Nov 19 05:50:09 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 19 04:25:23 2019
Response via : Initial Calibration





#22

cis-1,2-Dichloroethene

Concen: 0.813 ug/L

RT: 3.96 min Scan# 892

Delta R.T. 0.00 min

Lab File: VV013659.D

Acq: 18 Nov 2019 15:24

Instrument :

MSVOA_V

ClientSampleId :

GAQH6

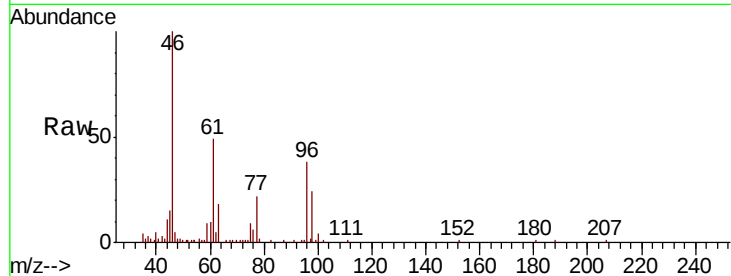
Tot Ion: 96 Resp: 21025

Ion Ratio Lower Upper

96 100

61 131.3 87.7 162.9

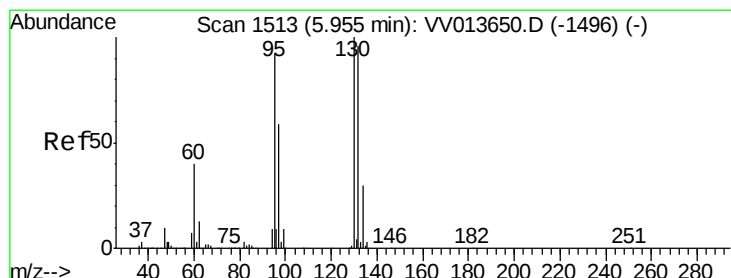
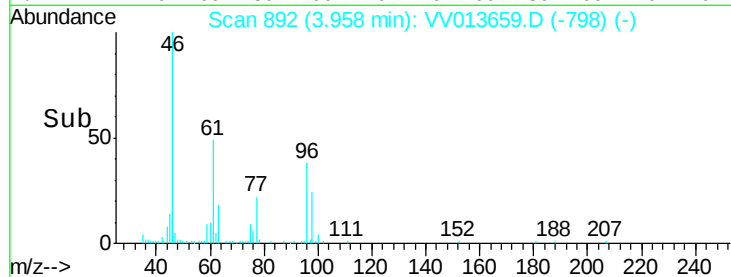
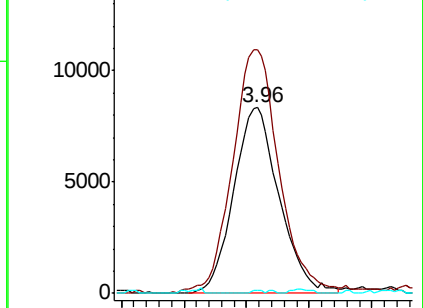
68 1.5 0.1 0.3#



Abundance Ion 96.00 (95.70 to 96.70): VV013659.D (-798) (-)

Ion 61.05 (60.75 to 61.75): VV013659.D (-798) (-)

Ion 68.15 (67.85 to 68.85): VV013659.D (-798) (-)



#34

Trichloroethene

Concen: 53.050 ug/L

RT: 5.95 min Scan# 1512

Delta R.T. -0.00 min

Lab File: VV013659.D

Acq: 18 Nov 2019 15:24

Tgt Ion: 95 Resp: 1442748

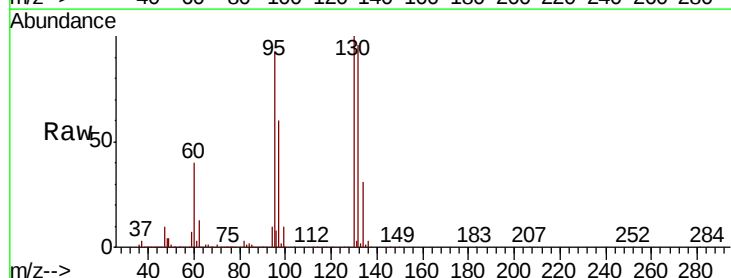
Ion Ratio Lower Upper

95 100

97 64.7 44.8 83.2

132 103.8 72.9 135.3

130 107.7 75.1 139.5

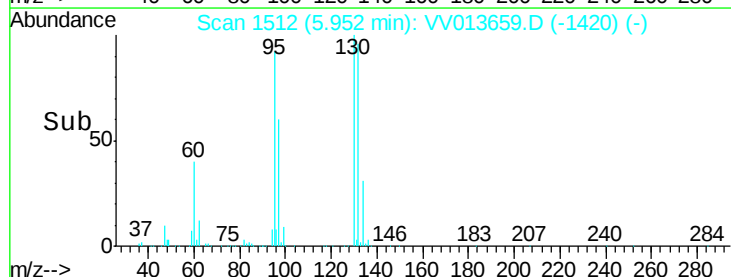
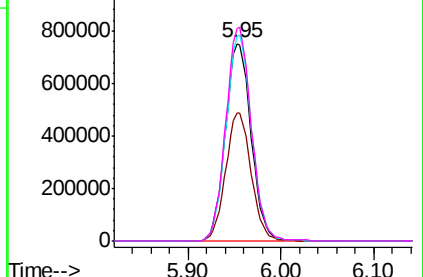


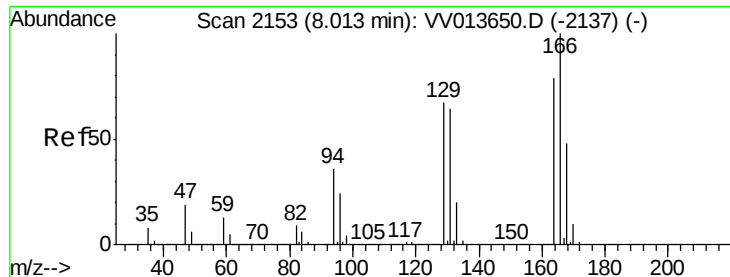
Abundance Ion 95.00 (94.70 to 95.70): VV013659.D (-1420) (-)

Ion 96.95 (96.65 to 97.65): VV013659.D (-1420) (-)

Ion 131.95 (131.65 to 132.65): VV013659.D (-1420) (-)

Ion 129.95 (129.65 to 130.65): VV013659.D (-1420) (-)





#47

Tetrachloroethene

Concen: 0.101 ug/L

RT: 8.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VV013659.D

Acq: 18 Nov 2019 15:24

Instrument :

MSVOA_V

ClientSampleId :

GAQH6

Tot Ion:164 Resp: 2548

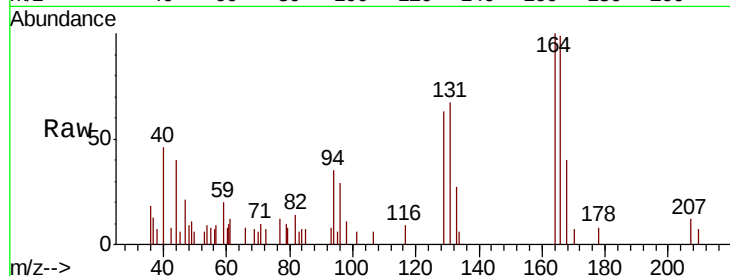
Ion Ratio Lower Upper

164 100

129 63.2 59.1 109.9

131 66.9 58.9 109.5

166 99.3 87.8 163.2

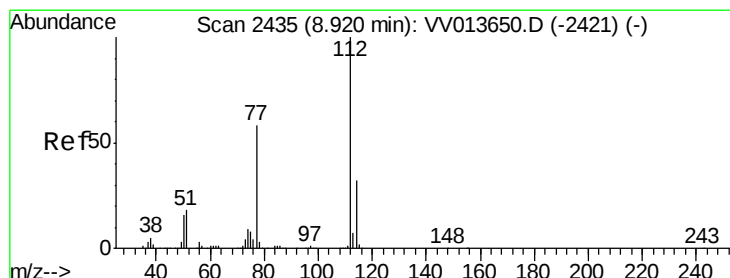
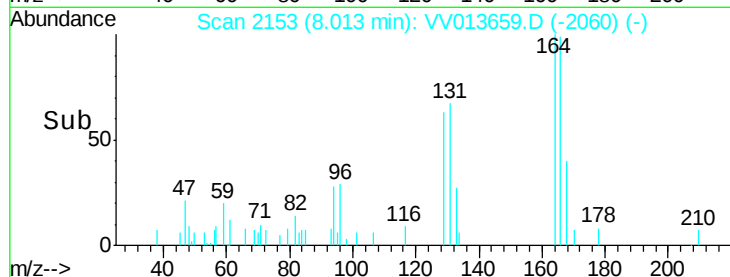
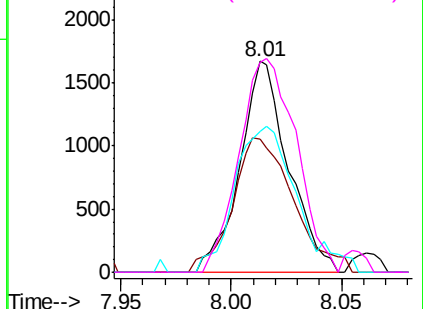


Abundance Ion 163.90 (163.60 to 164.60): V

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



#51

Chlorobenzene

Concen: 0.082 ug/L

RT: 8.92 min Scan# 2435

Delta R.T. 0.00 min

Lab File: VV013659.D

Acq: 18 Nov 2019 15:24

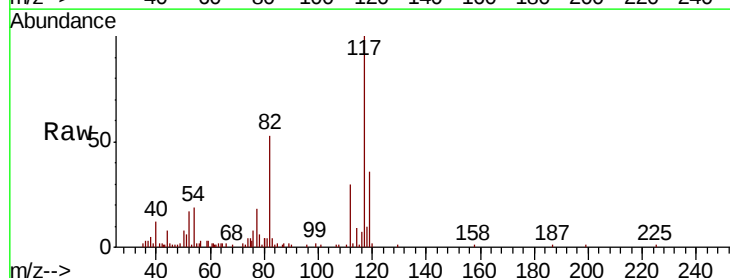
Tgt Ion:112 Resp: 5900

Ion Ratio Lower Upper

112 100

114 31.5 22.8 42.4

77 60.6 45.0 67.4



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VV0

