

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090619\
 Data File : VV012608.D
 Acq On : 06 Sep 2019 20:00
 Operator : SY/MD
 Sample : K4703-07
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFD90

Quant Time: Sep 08 11:45:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 07 01:06:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	146172	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	150531	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	51629	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	65489	4.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.80%
7) Chloroethane-d5	1.58	69	61623	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.13	63	111739	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	3.97	46	155677	58.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.78%
24) Chloroform-d	4.40	84	103143	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.08	65	57816	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.40%
32) Benzene-d6	5.10	84	186155	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.12	67	61950	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.36	98	147585	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloropropene-	7.67	79	18317	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.14	63	99655	60.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.50%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	45587	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	49139	5.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.00%

Target Compounds

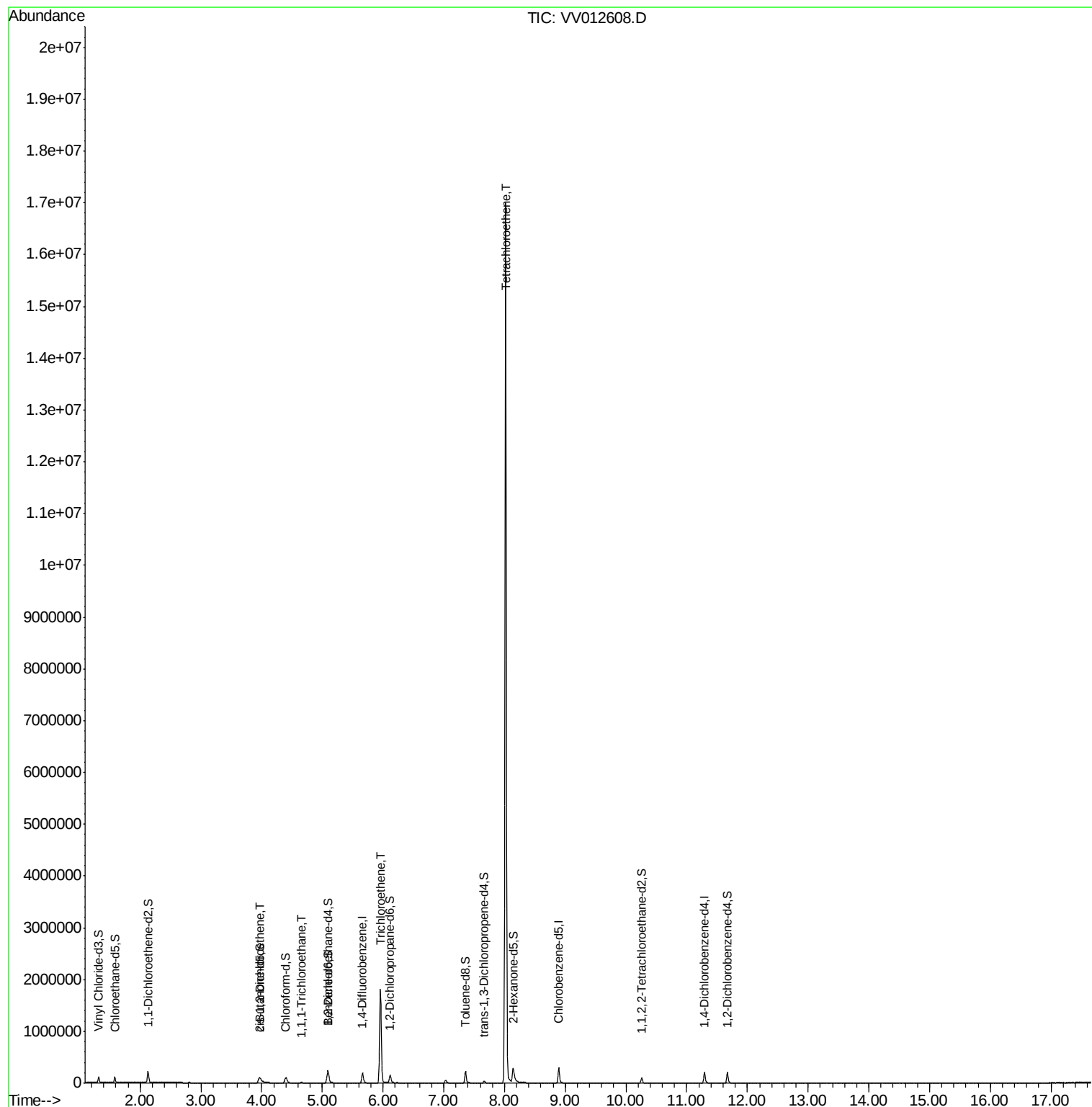
					Ovalue
22) cis-1,2-Dichloroethene	3.96	96	30351	2.218 ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	5095	0.230 ug/L	97
34) Trichloroethene	5.96	95	594862	39.184 ug/L	99
47) Tetrachloroethene	8.02	164	3225791	291.486 ug/L	95

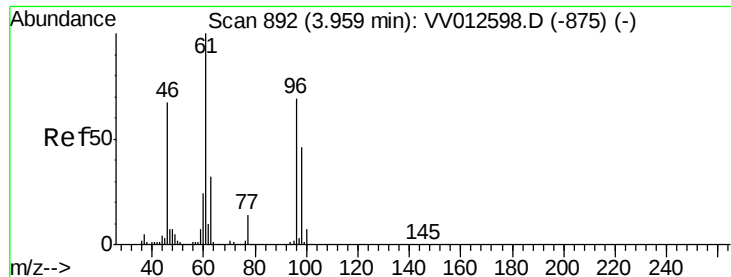
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 2.218 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.00 min

Lab File: VV012608.D

Acq: 06 Sep 2019 20:00

Instrument :

MSVOA_V

ClientSampleId :

BFD90

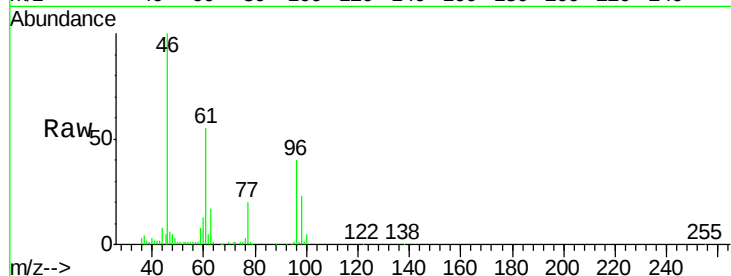
Tot Ion: 96 Resp: 30351

Ion Ratio Lower Upper

96 100

61 135.9 93.9 174.5

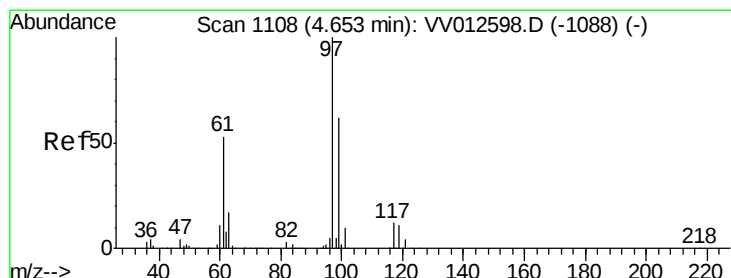
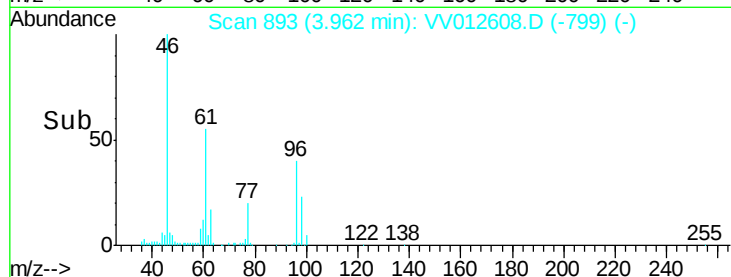
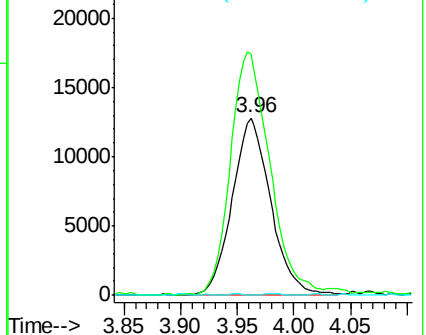
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV012608.D (-799) (-)

Ion 61.05 (60.75 to 61.75): VV012608.D (-799) (-)

Ion 68.15 (67.85 to 68.85): VV012608.D (-799) (-)



#29

1,1,1-Trichloroethane

Concen: 0.230 ug/L

RT: 4.66 min Scan# 1109

Delta R.T. 0.00 min

Lab File: VV012608.D

Acq: 06 Sep 2019 20:00

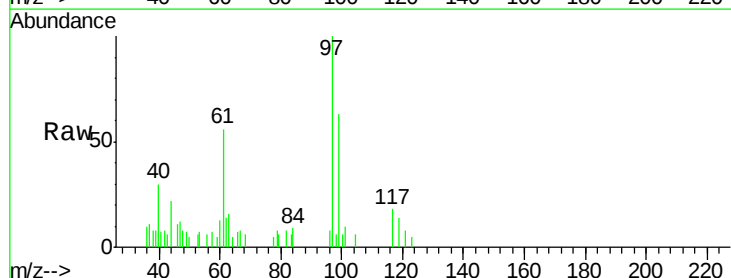
Tgt Ion: 97 Resp: 5095

Ion Ratio Lower Upper

97 100

99 65.5 51.8 77.6

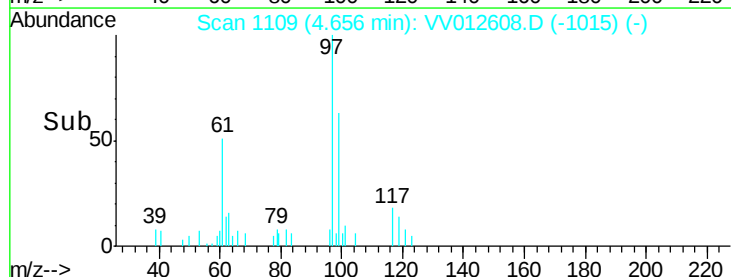
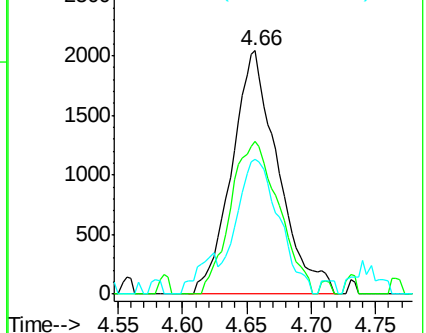
61 50.7 43.4 65.0

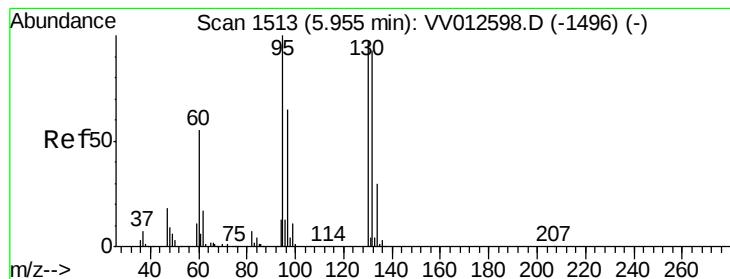


Abundance Ion 96.95 (96.65 to 97.65): VV012608.D (-1015) (-)

Ion 99.05 (98.75 to 99.75): VV012608.D (-1015) (-)

Ion 61.05 (60.75 to 61.75): VV012608.D (-1015) (-)





#34

Trichloroethene

Concen: 39.184 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV012608.D

Acq: 06 Sep 2019 20:00

Instrument :

MSVOA_V

ClientSampleId :

BFD90

Tot Ion: 95 Resp: 594862

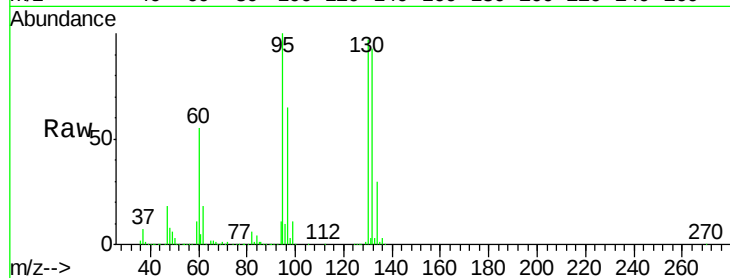
Ion Ratio Lower Upper

95 100

97 65.1 43.9 81.5

132 93.5 64.8 120.4

130 96.7 67.1 124.7

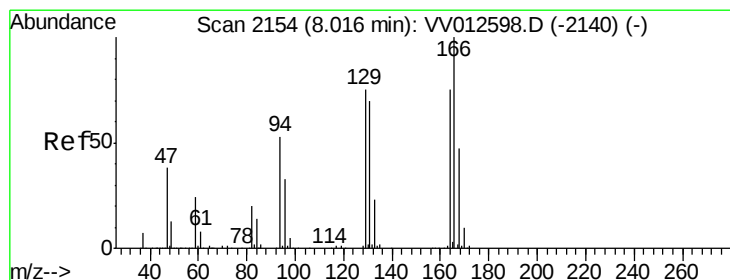
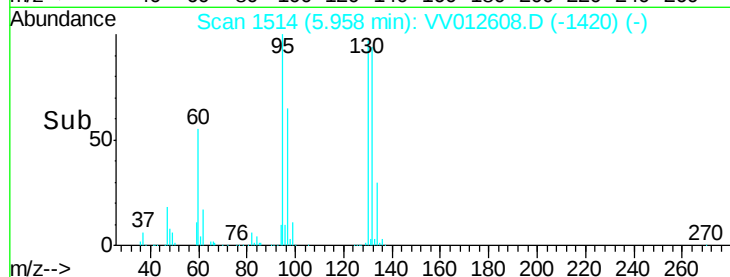
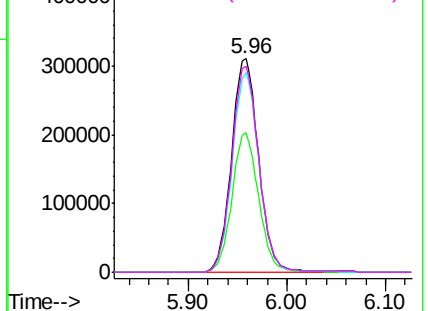


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#47

Tetrachloroethene

Concen: 291.486 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV012608.D

Acq: 06 Sep 2019 20:00

Tgt Ion: 164 Resp: 3225791

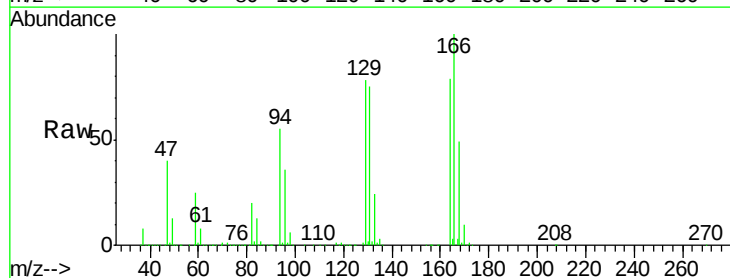
Ion Ratio Lower Upper

164 100

129 99.2 65.0 120.6

131 94.6 62.0 115.2

166 126.4 87.0 161.6



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

