

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101119\
 Data File : VV013121.D
 Acq On : 12 Oct 2019 00:21
 Operator : SY/MD
 Sample : K5347-02
 Misc : 5.00ML/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 12 03:32:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 12 01:26:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	694825	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	651694	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	255801	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	228742	52.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.16%
7) Chloroethane-d5	1.58	69	203480	56.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	113.04%
11) 1,1-Dichloroethene-d2	2.13	63	329906	39.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.64%
21) 2-Butanone-d5	3.92	46	350052	106.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.00%
24) Chloroform-d	4.40	84	448638	53.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.12%
26) 1,2-Dichloroethane-d4	5.08	65	292129	56.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.10%
32) Benzene-d6	5.10	84	958740	55.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.28%
36) 1,2-Dichloropropane-d6	6.12	67	302796	55.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.16%
41) Toluene-d8	7.36	98	810807	52.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.22%
43) trans-1,3-Dichloropropene-	7.66	79	123731	50.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.28%
47) 2-Hexanone-d5	8.13	63	232819	107.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.41%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	387826	55.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.34%
64) 1,2-Dichlorobenzene-d4	11.67	152	298053	59.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	118.94%

Target Compounds

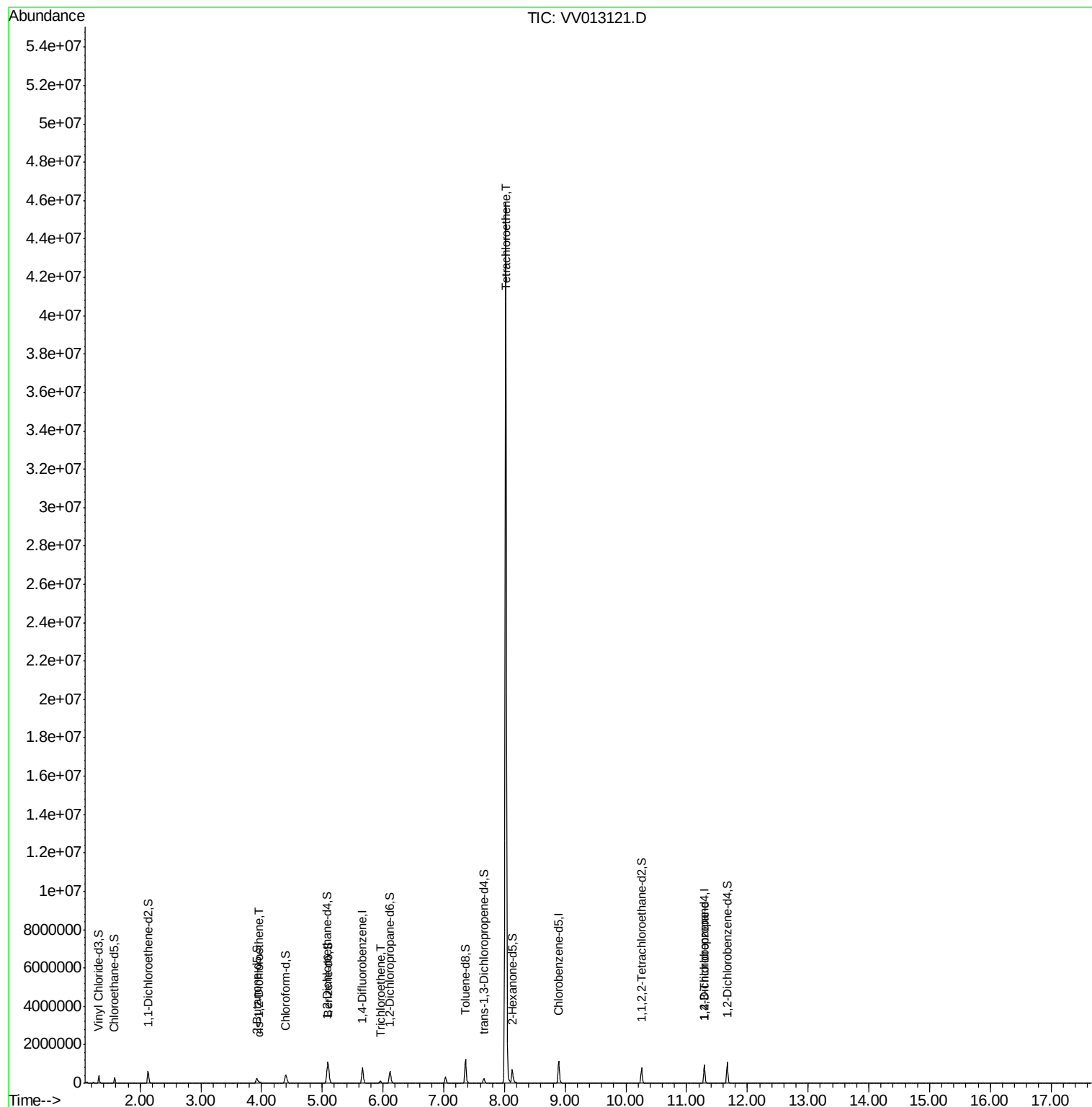
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) cis-1,2-Dichloroethene	3.96	96	11525	2.178	ug/L	83
34) Trichloroethene	5.96	95	24037	4.548	ug/L	99
46) Tetrachloroethene	8.02	164	10577716	2528.054	ug/L	96
59) 1,2,3-Trichloropropane	11.29	75	28870	4.614	ug/L	95

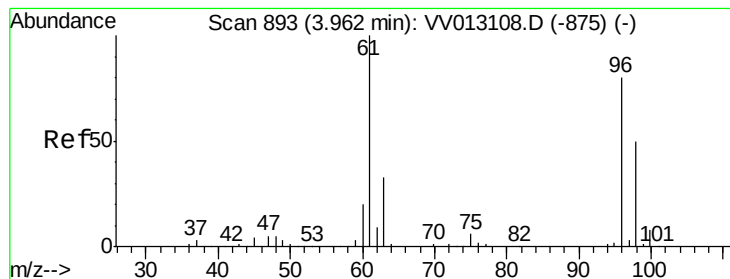
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 2.178 ug/L

RT: 3.96 min Scan# 894

Delta R.T. 0.00 min

Lab File: VV013121.D

Acq: 12 Oct 2019 00:21

Instrument :
MSVOA_V
ClientSampleId :

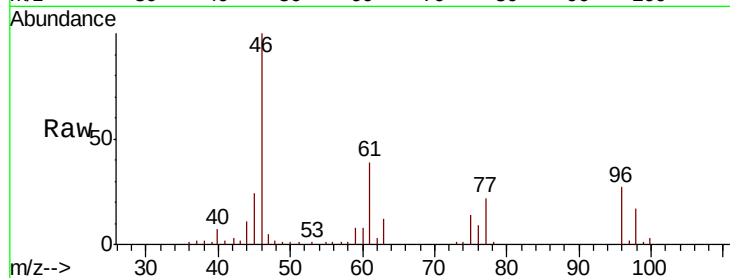
Tot Ion: 96 Resp: 11525

Ion Ratio Lower Upper

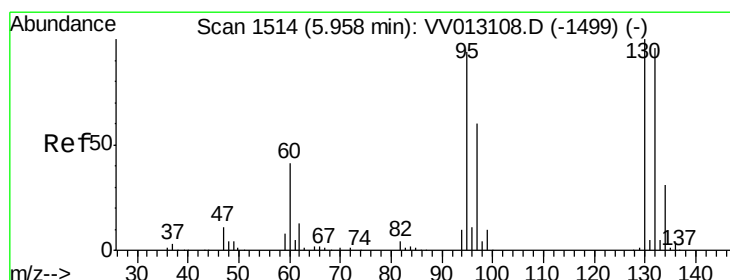
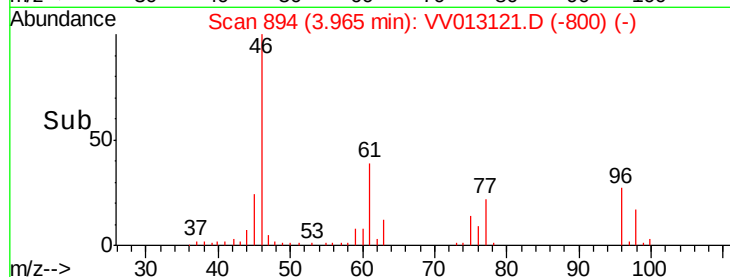
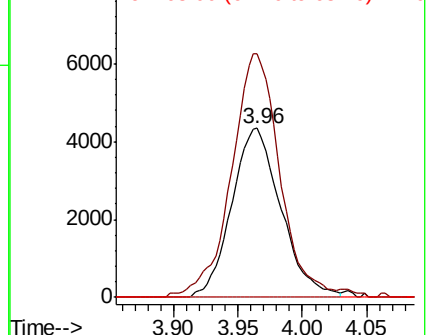
96 100

61 144.2 87.5 162.5

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 68.00 (67.70 to 68.70): VV0



#34

Trichloroethene

Concen: 4.548 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VV013121.D

Acq: 12 Oct 2019 00:21

Tgt Ion: 95 Resp: 24037

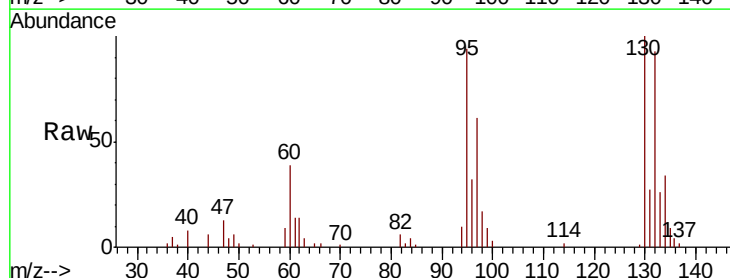
Ion Ratio Lower Upper

95 100

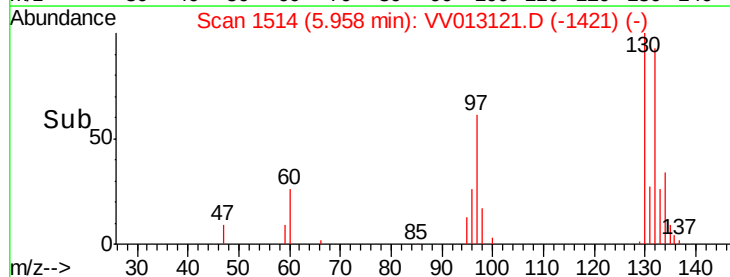
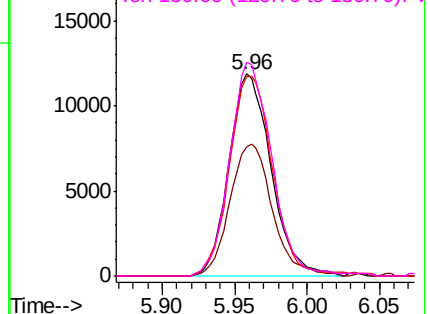
97 64.3 44.7 82.9

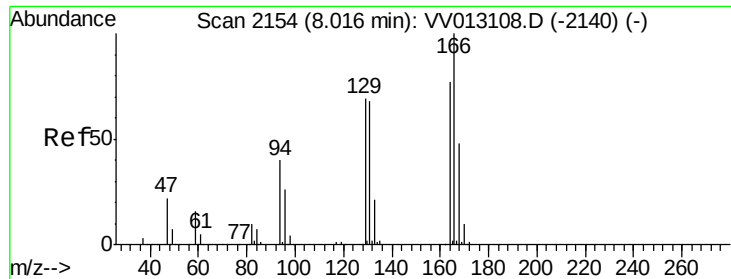
132 98.8 71.4 132.6

130 105.9 74.2 137.8



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





#46

Tetrachloroethene

Concen: 2528.054 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.01 min

Lab File: VV013121.D

Acq: 12 Oct 2019 00:21

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion:164 Resp:10577716

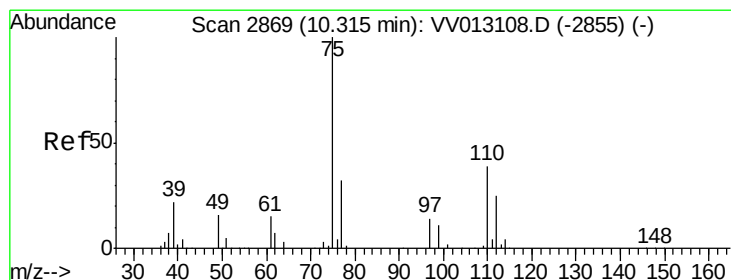
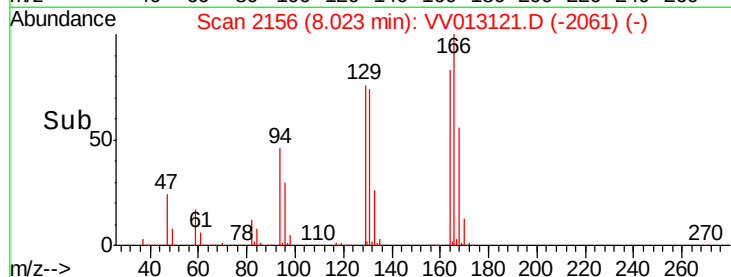
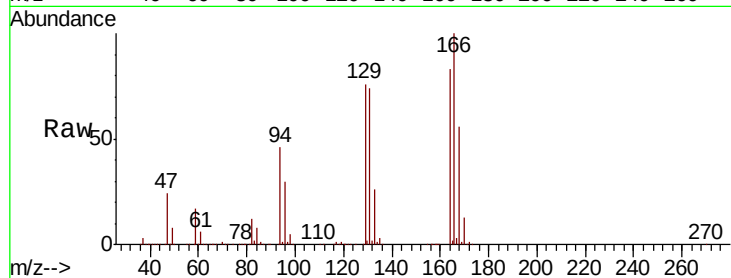
Ion Ratio Lower Upper

164 100

129 91.1 63.1 117.1

131 88.8 62.4 116.0

166 120.5 91.3 169.6



#59

1,2,3-Trichloropropane

Concen: 4.614 ug/L

RT: 11.29 min Scan# 3172

Delta R.T. 0.97 min

Lab File: VV013121.D

Acq: 12 Oct 2019 00:21

Tgt Ion: 75 Resp: 28870

Ion Ratio Lower Upper

75 100

77 35.1 25.7 38.5

