

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101119\
 Data File : VV013123.D
 Acq On : 12 Oct 2019 01:09
 Operator : SY/MD
 Sample : K5347-04
 Misc : 5.00ML/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 12 03:32:13 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	680219	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	638877	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	244493	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	225494	52.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.90%
7) Chloroethane-d5	1.58	69	198785	56.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.80%
11) 1,1-Dichloroethene-d2	2.13	63	324080	39.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.92%
21) 2-Butanone-d5	3.92	46	353418	109.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.32%
24) Chloroform-d	4.40	84	446291	53.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.84%
26) 1,2-Dichloroethane-d4	5.08	65	288955	56.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.26%
32) Benzene-d6	5.10	84	945617	55.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.96%
36) 1,2-Dichloropropane-d6	6.12	67	301215	56.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.80%
41) Toluene-d8	7.36	98	802963	52.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.28%
43) trans-1,3-Dichloropropene-	7.66	79	123602	51.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.18%
47) 2-Hexanone-d5	8.13	63	241619	113.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.71%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	372638	54.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.14%
64) 1,2-Dichlorobenzene-d4	11.67	152	283691	59.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	118.44%

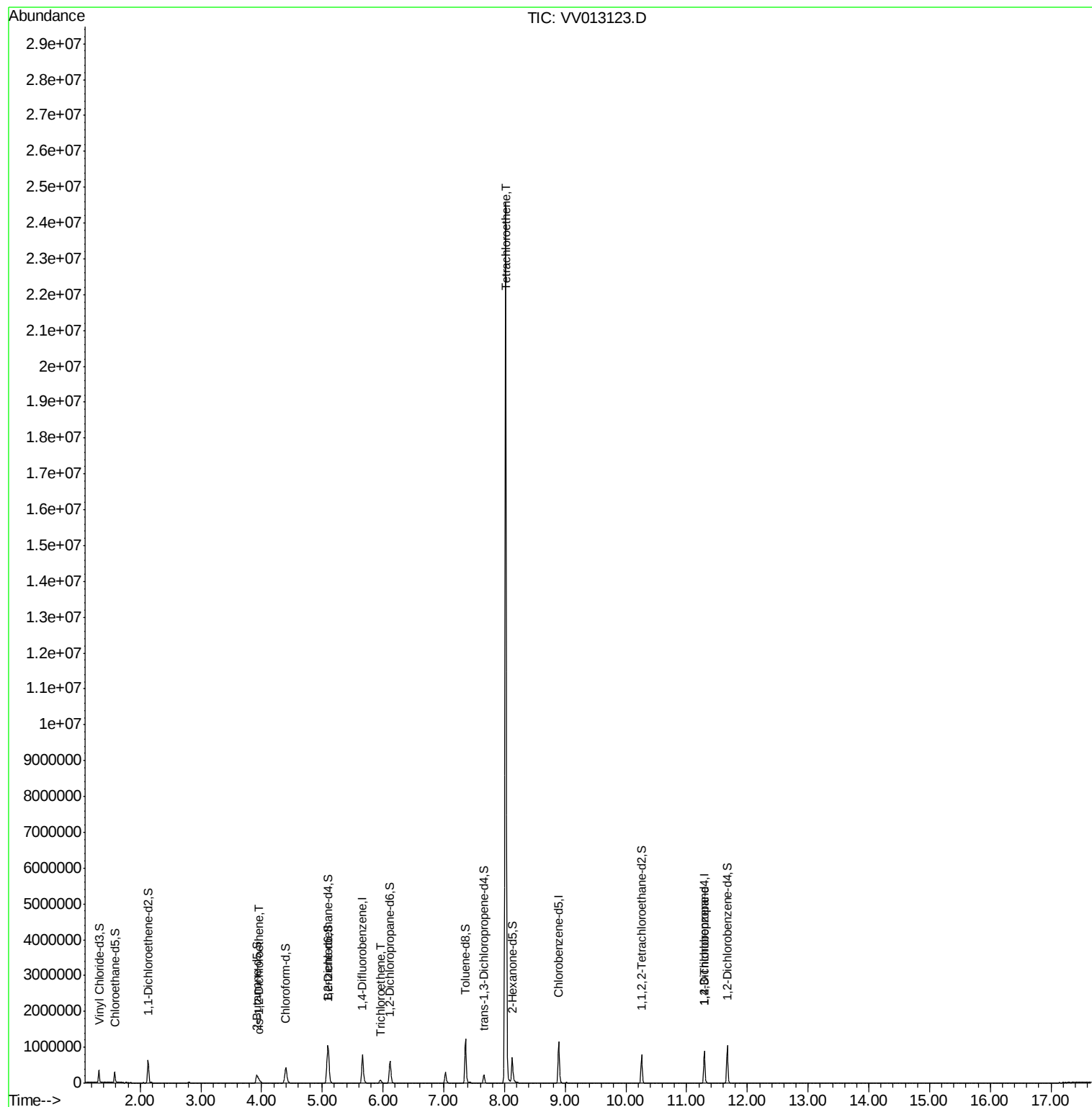
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	3.96	96	28936	5.587 ug/L	96
34) Trichloroethene	5.96	95	20518	3.960 ug/L	98
46) Tetrachloroethene	8.02	164	5577596	1359.778 ug/L	97
59) 1,2,3-Trichloropropane	11.29	75	26380	4.300 ug/L	90

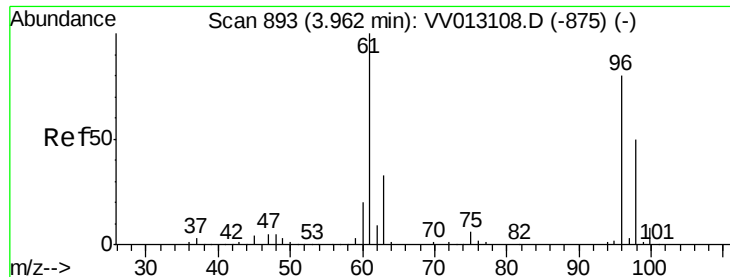
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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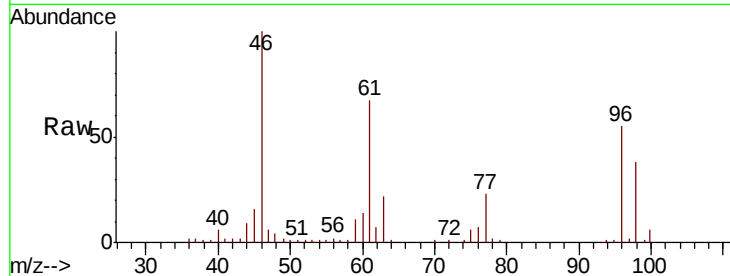


#20

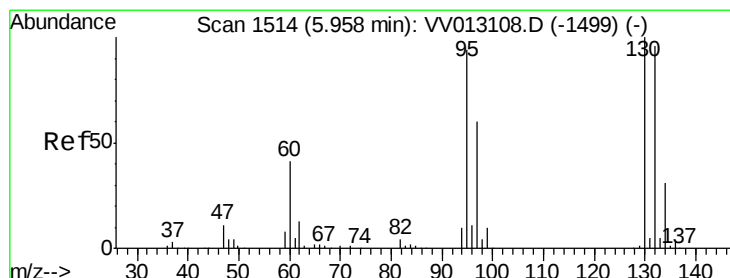
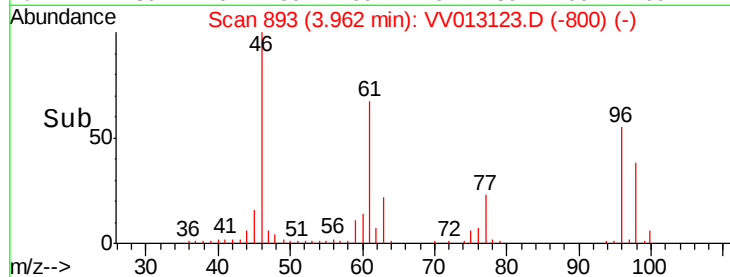
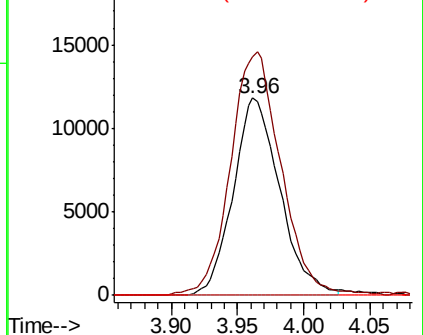
cis-1,2-Dichloroethene
Concen: 5.587 ug/L
RT: 3.96 min Scan# 893
Delta R.T. -0.00 min
Lab File: VV013123.D
Acq: 12 Oct 2019 01:09

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	120.8	87.5	162.5
68	0.0	0.0	0.0



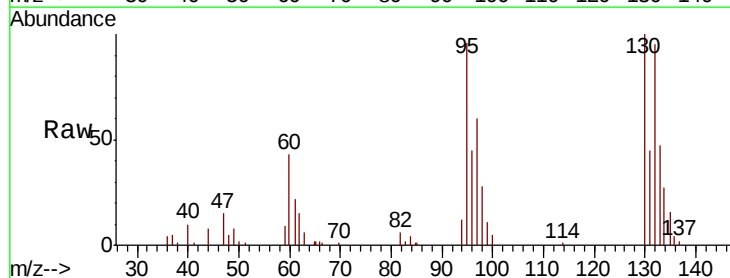
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 68.00 (67.70 to 68.70): VV0



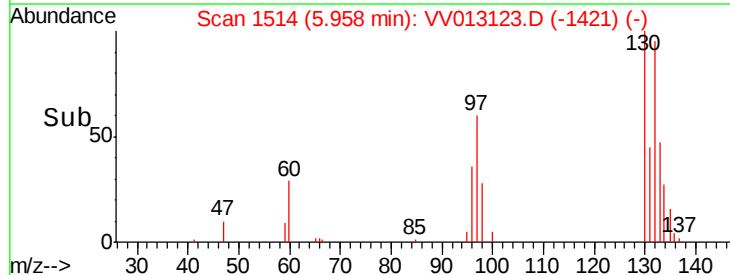
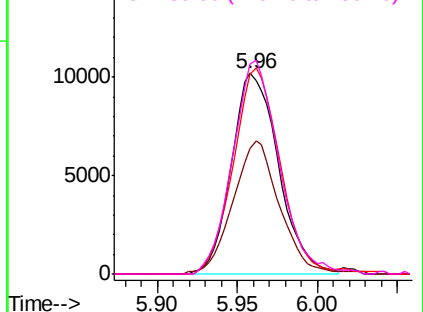
#34

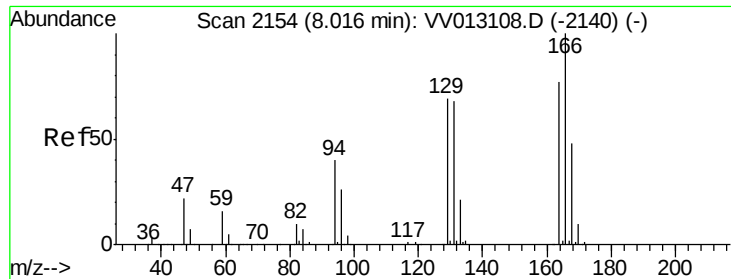
Trichloroethene
Concen: 3.960 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VV013123.D
Acq: 12 Oct 2019 01:09

Tgt Ion	Ratio	Lower	Upper
95	100		
97	62.4	44.7	82.9
132	99.3	71.4	132.6
130	104.3	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

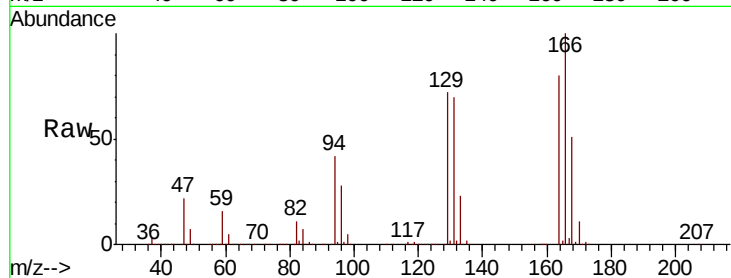




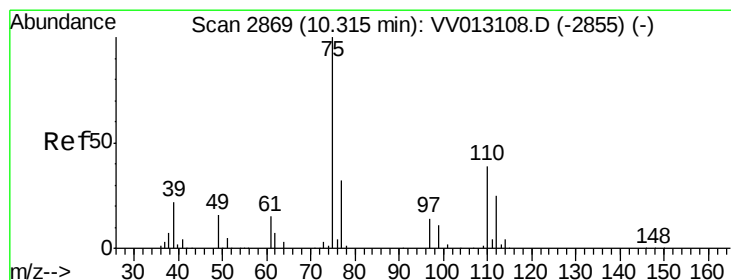
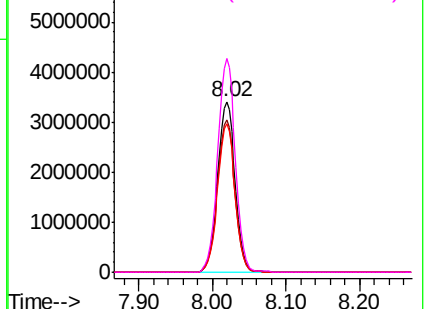
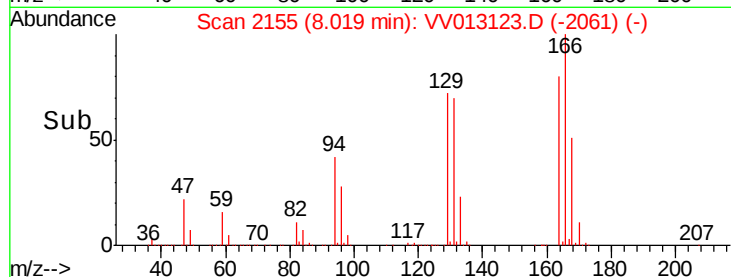
#46
Tetrachloroethene
Concen: 1359.778 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV013123.D
Acq: 12 Oct 2019 01:09

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:164 Resp: 5577596
Ion Ratio Lower Upper
164 100
129 89.6 63.1 117.1
131 87.3 62.4 116.0
166 125.2 91.3 169.6

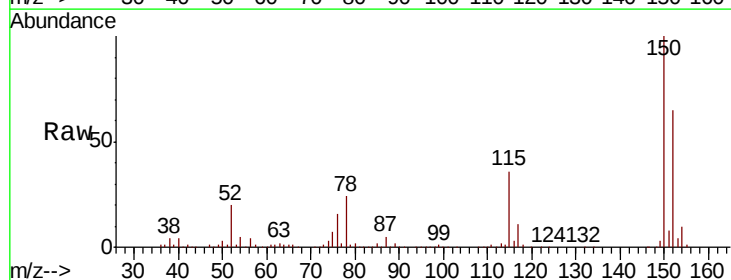


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V



#59
1,2,3-Trichloropropane
Concen: 4.300 ug/L
RT: 11.29 min Scan# 3172
Delta R.T. 0.97 min
Lab File: VV013123.D
Acq: 12 Oct 2019 01:09

Tgt Ion: 75 Resp: 26380
Ion Ratio Lower Upper
75 100
77 37.6 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VV0
Ion 77.00 (76.70 to 77.70): VV0

