

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081019\
 Data File : VV012171.D
 Acq On : 10 Aug 2019 00:27
 Operator : SY/MD
 Sample : K4248-09
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2B44

Quant Time: Aug 12 04:24:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081019WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 10 05:07:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	263074	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	241353	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	107261	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45781	47.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.60%
7) Chloroethane-d5	1.58	69	30542	49.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.98%
11) 1,1-Dichloroethene-d2	2.13	63	63906	34.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.86%
21) 2-Butanone-d5	3.93	46	27927	58.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	58.36%
24) Chloroform-d	4.40	84	90565	45.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.08%
26) 1,2-Dichloroethane-d4	5.08	65	60022	52.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.12%
32) Benzene-d6	5.10	84	195124	52.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.28%
36) 1,2-Dichloropropane-d6	6.12	67	51459	50.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.10%
41) Toluene-d8	7.36	98	176198	49.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.86%
43) trans-1,3-Dichloropropene-	7.66	79	25069	45.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.90%
47) 2-Hexanone-d5	8.13	63	38165	98.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.00%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	68632	49.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.36%
64) 1,2-Dichlorobenzene-d4	11.67	152	68184	53.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.58%

Target Compounds

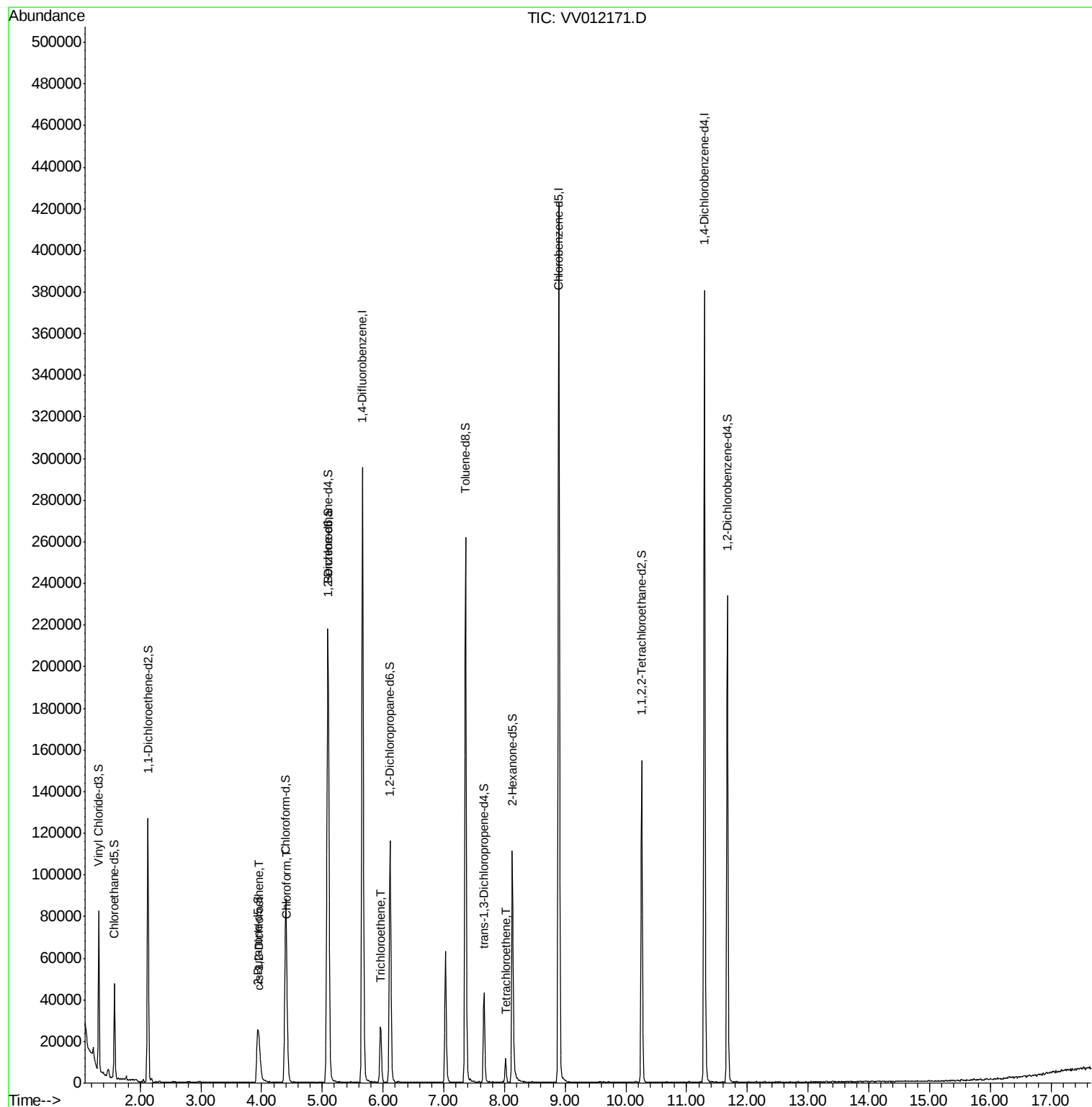
					Ovalue
20) cis-1,2-Dichloroethene	3.96	96	2235	1.263 ug/L	98
25) Chloroform	4.42	83	7077	2.301 ug/L	93
34) Trichloroethene	5.96	95	9144	5.491 ug/L	94
46) Tetrachloroethene	8.02	164	2554	1.605 ug/L	94

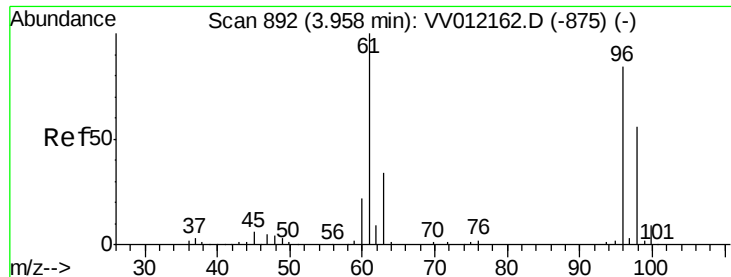
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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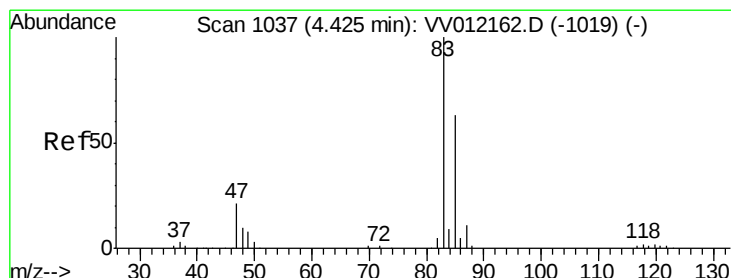
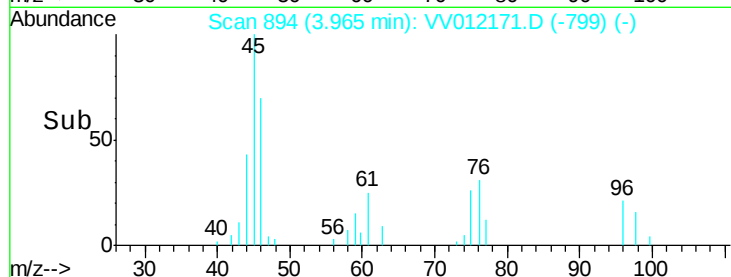
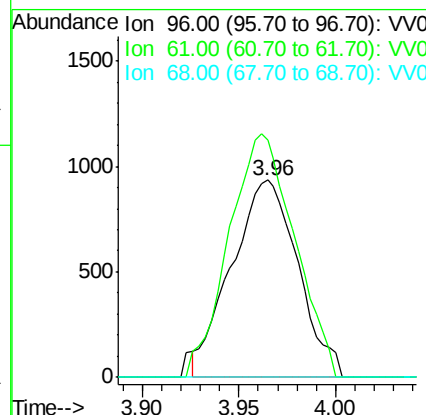
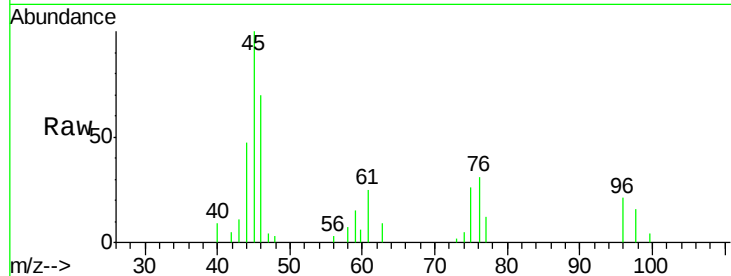




#20
 cis-1,2-Dichloroethene
 Concen: 1.263 ug/L
 RT: 3.96 min Scan# 894
 Delta R.T. 0.01 min
 Lab File: VV012171.D
 Acq: 10 Aug 2019 00:27

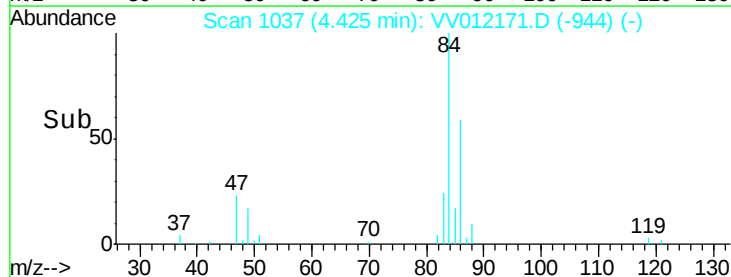
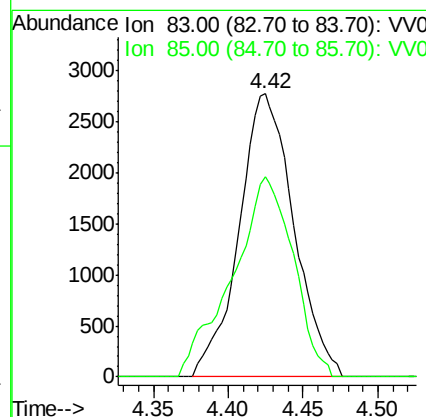
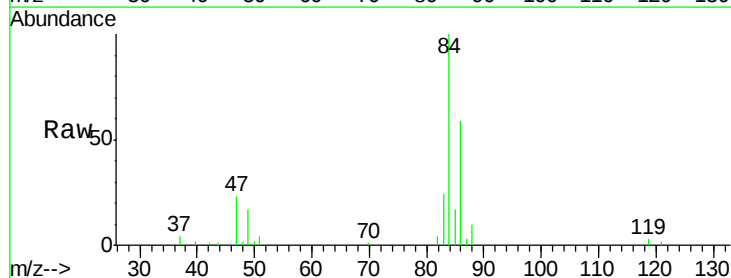
Instrument :
 MSVOA_V
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 F2B44

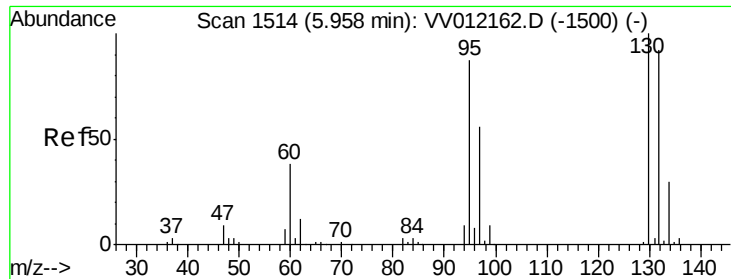
Tot Ion: 96 Resp: 2235
 Ion Ratio Lower Upper
 96 100
 61 120.1 82.9 153.9
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 2.301 ug/L
 RT: 4.42 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: VV012171.D
 Acq: 10 Aug 2019 00:27

Tgt Ion: 83 Resp: 7077
 Ion Ratio Lower Upper
 83 100
 85 70.5 45.7 84.9





#34

Trichloroethene

Concen: 5.491 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV012171.D

Acq: 10 Aug 2019 00:27

Instrument :

MSVOA_V

ClientSampleId :

F2B44

Tot Ion: 95 Resp: 9144

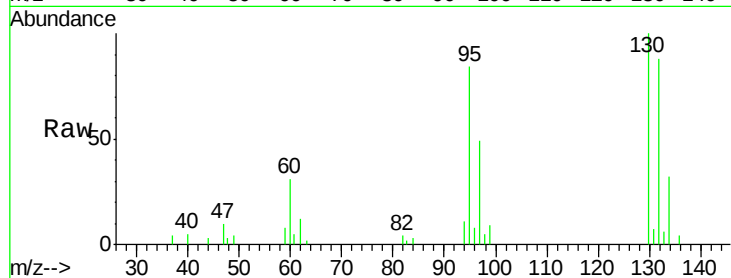
Ion Ratio Lower Upper

95 100

97 58.3 44.7 83.1

132 104.7 72.7 134.9

130 119.3 75.9 141.1

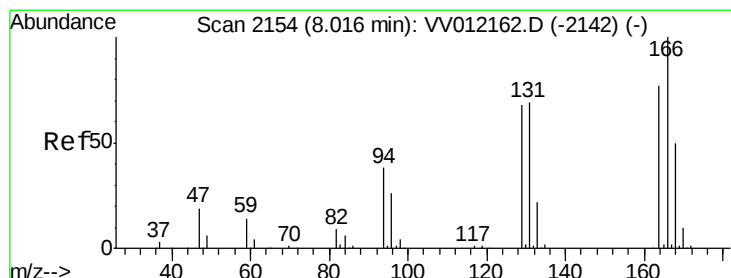
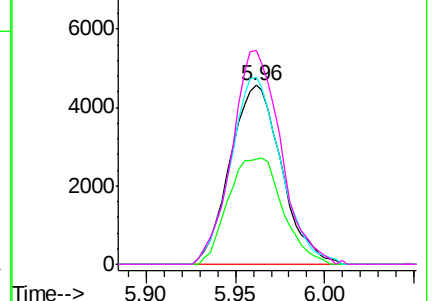
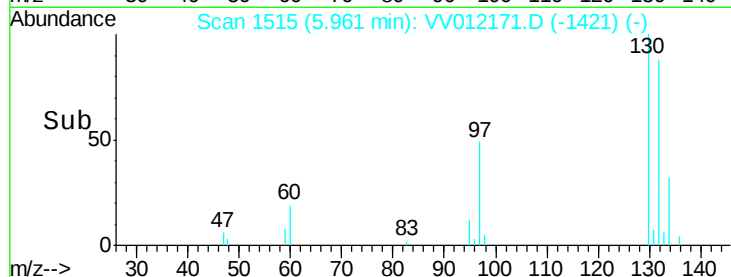


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 1.605 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV012171.D

Acq: 10 Aug 2019 00:27

Tgt Ion: 164 Resp: 2554

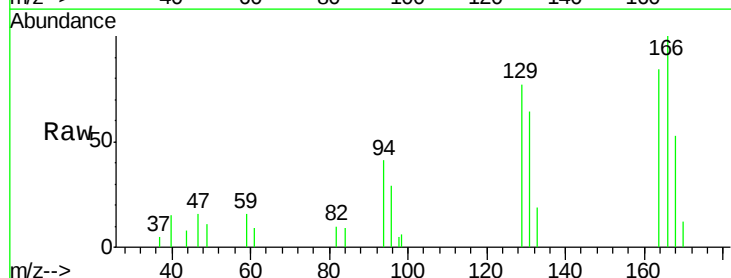
Ion Ratio Lower Upper

164 100

129 90.7 60.6 112.6

131 75.6 59.5 110.5

166 118.5 87.2 161.9



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

