

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022120\
 Data File : VV014684.D
 Acq On : 22 Feb 2020 03:45
 Operator : SY/MD
 Sample : L1608-12 50X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AR6

Quant Time: Feb 24 06:37:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM022120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 24 04:25:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	211082	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	195870	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	93214	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31268	37.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.86%
7) Chloroethane-d5	1.59	69	25807	43.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.38%
11) 1,1-Dichloroethene-d2	2.13	63	51450	33.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.96%
21) 2-Butanone-d5	3.96	46	75449	98.46	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.46%
24) Chloroform-d	4.40	84	125890	46.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.28%
26) 1,2-Dichloroethane-d4	5.08	65	86198	49.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.92%
32) Benzene-d6	5.10	84	251535	48.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.04%
36) 1,2-Dichloropropane-d6	6.11	67	74638	49.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.76%
41) Toluene-d8	7.36	98	233042	46.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.34%
43) trans-1,3-Dichloropropene-	7.66	79	37551	44.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.68%
47) 2-Hexanone-d5	8.14	63	57446	94.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.82%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	103254	49.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	94207	51.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.30%

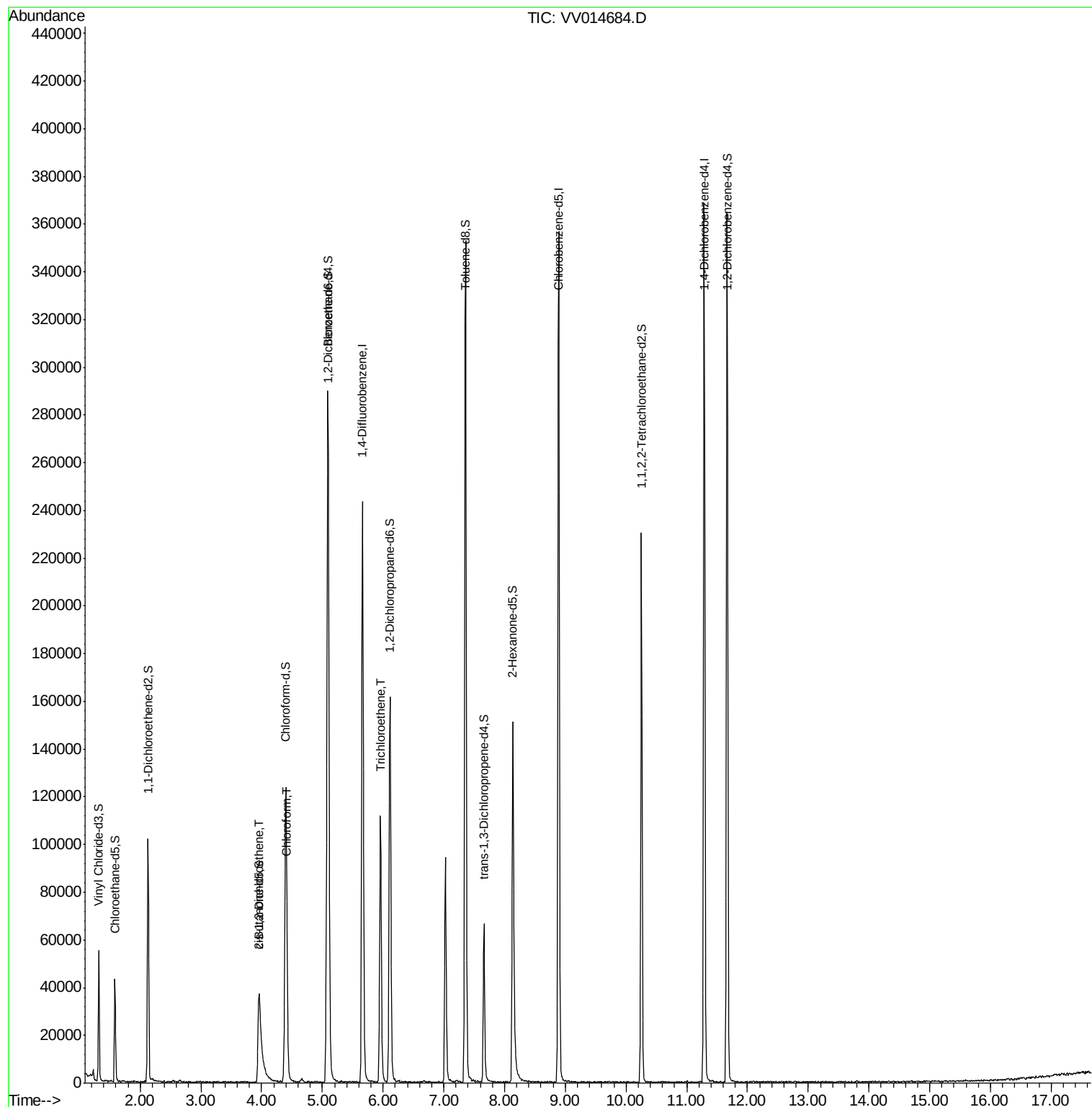
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	3.96	96	1493	1.030 ug/L	100
25) Chloroform	4.42	83	4756	1.818 ug/L	95
34) Trichloroethene	5.96	95	38096	25.908 ug/L	98

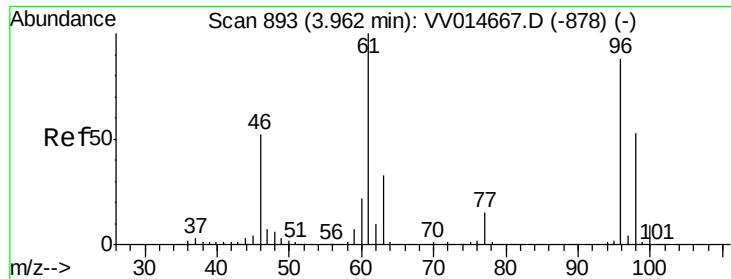
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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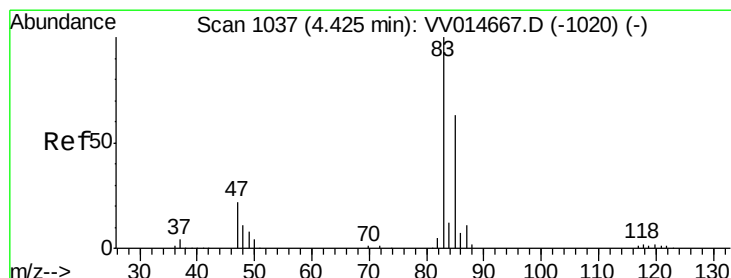
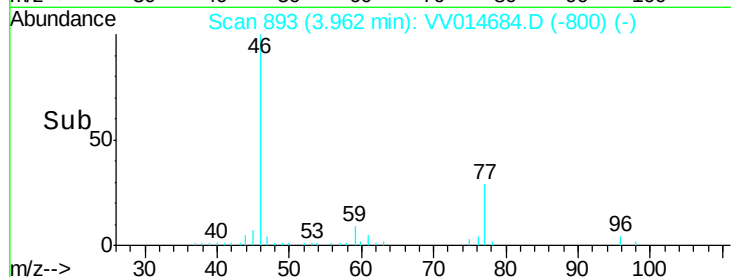
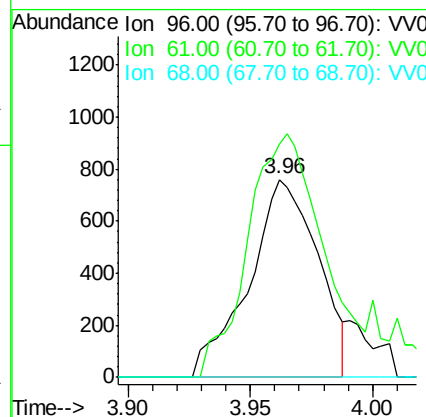
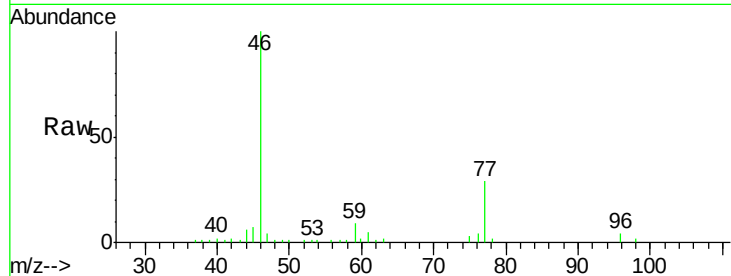




#20
 cis-1,2-Dichloroethene
 Concen: 1.030 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: VV014684.D
 Acq: 22 Feb 2020 03:45

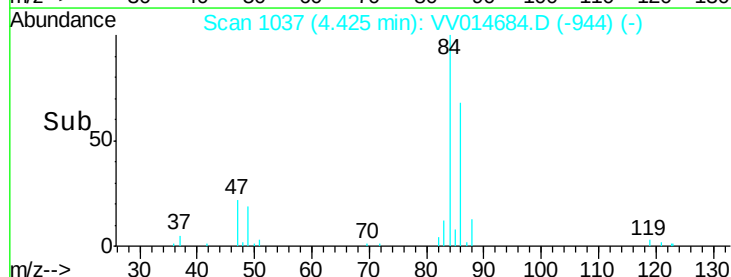
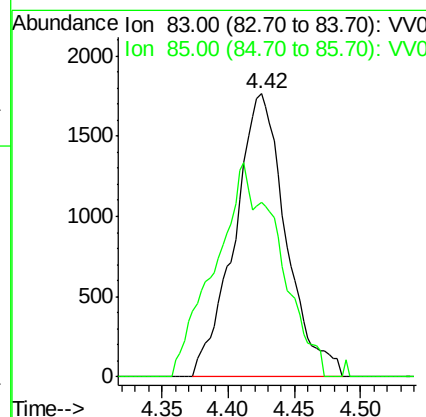
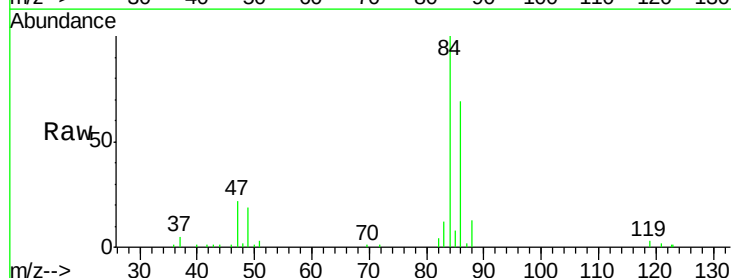
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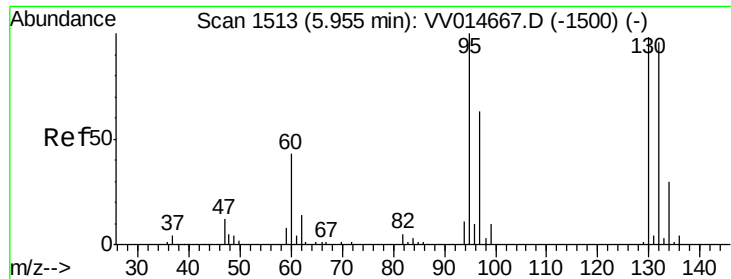
Tot Ion: 96 Resp: 1493
 Ion Ratio Lower Upper
 96 100
 61 117.8 82.4 153.0
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 1.818 ug/L
 RT: 4.42 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VV014684.D
 Acq: 22 Feb 2020 03:45

Tgt Ion: 83 Resp: 4756
 Ion Ratio Lower Upper
 83 100
 85 61.5 46.1 85.7





#34

Trichloroethene

Concen: 25.908 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV014684.D

Acq: 22 Feb 2020 03:45

Instrument :

MSVOA_V

ClientSampleId :

C0AR6

Tot Ion: 95 Resp: 38096

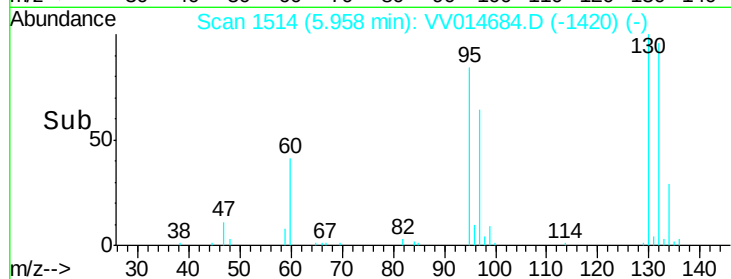
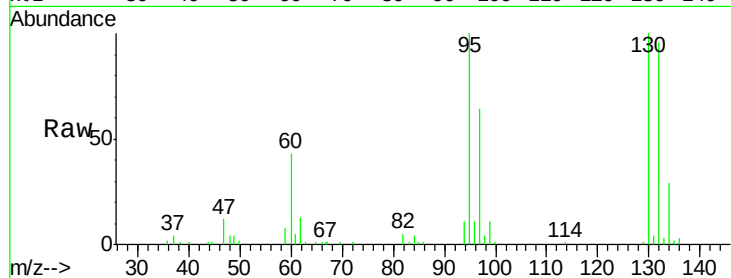
Ion Ratio Lower Upper

95 100

97 64.0 44.3 82.3

132 96.4 69.7 129.4

130 100.0 71.3 132.5



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

