

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022020\
 Data File : VV014633.D
 Acq On : 20 Feb 2020 18:57
 Operator : SY/MD
 Sample : L1607-11
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AP7

Quant Time: Feb 21 04:48:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM021220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 21 03:31:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	264732	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	249396	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	122303	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	51694	50.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.70%
7) Chloroethane-d5	1.59	69	39319	54.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.98%
11) 1,1-Dichloroethene-d2	2.13	63	72703	42.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.72%
21) 2-Butanone-d5	3.94	46	89058	105.64	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.64%
24) Chloroform-d	4.40	84	149265	50.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.68%
26) 1,2-Dichloroethane-d4	5.08	65	101438	55.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.30%
32) Benzene-d6	5.10	84	320154	53.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.36%
36) 1,2-Dichloropropane-d6	6.11	67	93507	52.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.10%
41) Toluene-d8	7.36	98	301496	52.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.08%
43) trans-1,3-Dichloropropene-	7.66	79	49201	49.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.34%
47) 2-Hexanone-d5	8.13	63	72585	101.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.12%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	125591	51.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.02%
64) 1,2-Dichlorobenzene-d4	11.67	152	116981	54.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.28%

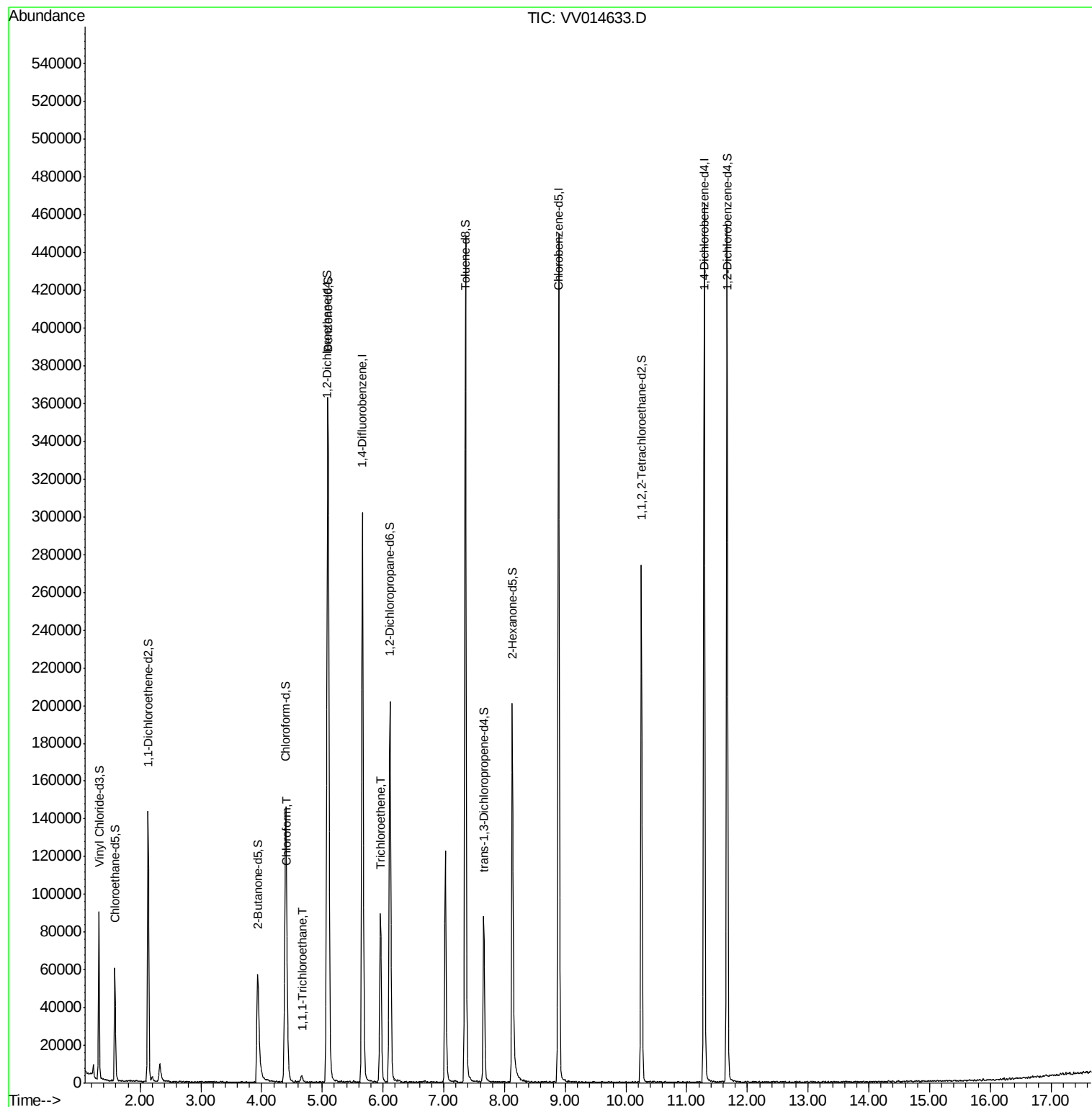
Target Compounds					Ovalue
25) Chloroform	4.42	83	10413	3.351 ug/L	96
30) 1,1,1-Trichloroethane	4.66	97	2414	0.890 ug/L #	81
34) Trichloroethene	5.96	95	31721	17.952 ug/L	95

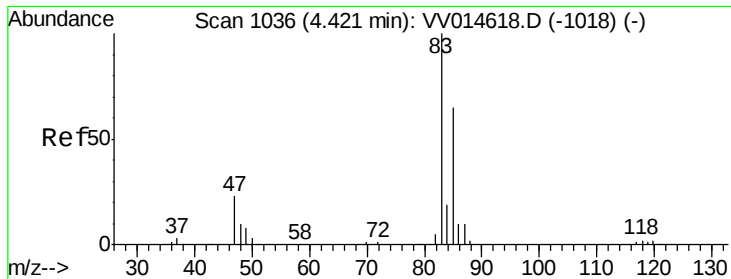
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 3.351 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

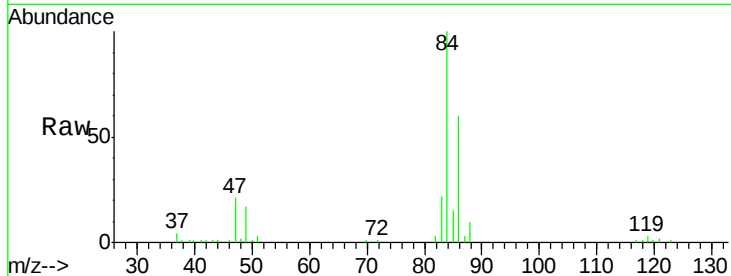
C0AP7

Tot Ion: 83 Resp: 10413

Ion Ratio Lower Upper

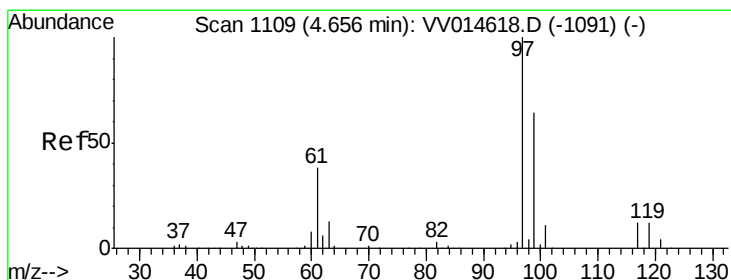
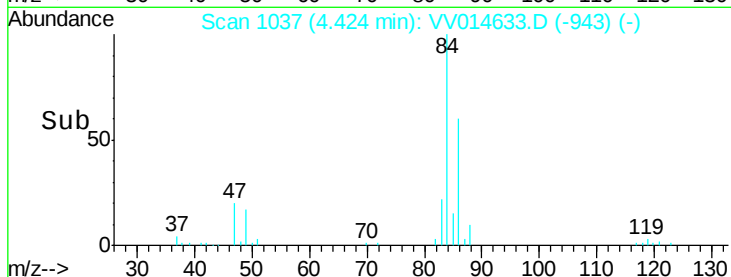
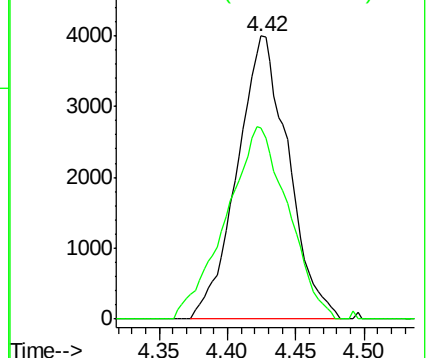
83 100

85 67.4 45.0 83.6



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0



#30

1,1,1-Trichloroethane

Concen: 0.890 ug/L

RT: 4.66 min Scan# 1109

Delta R.T. -0.00 min

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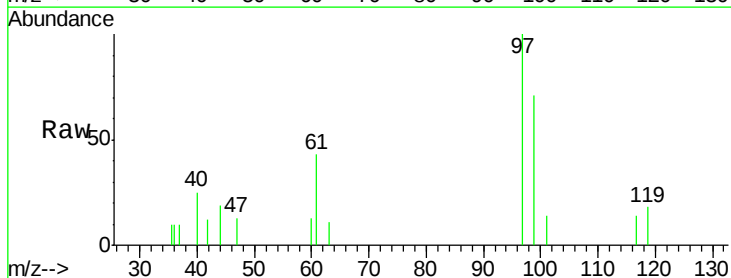
Tgt Ion: 97 Resp: 2414

Ion Ratio Lower Upper

97 100

99 46.4 51.2 76.8#

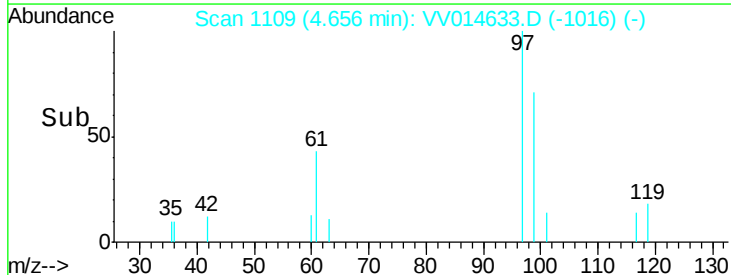
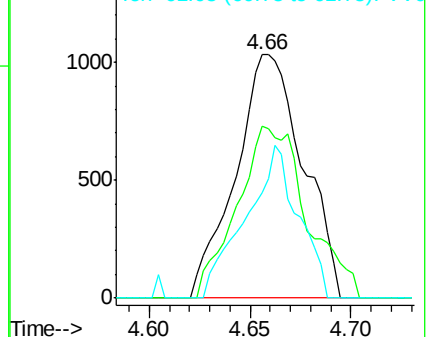
61 48.5 32.4 48.6

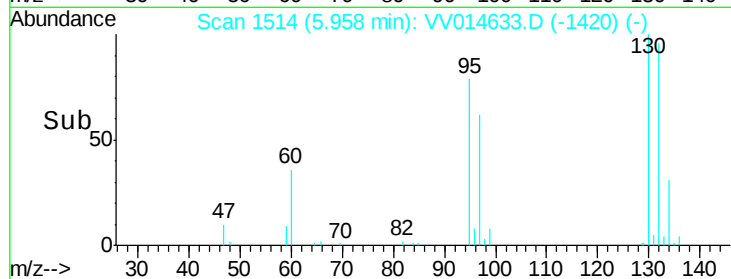
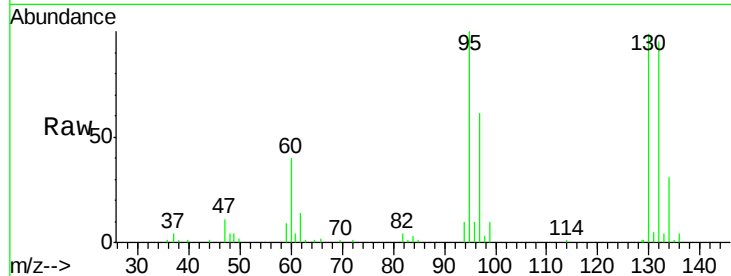
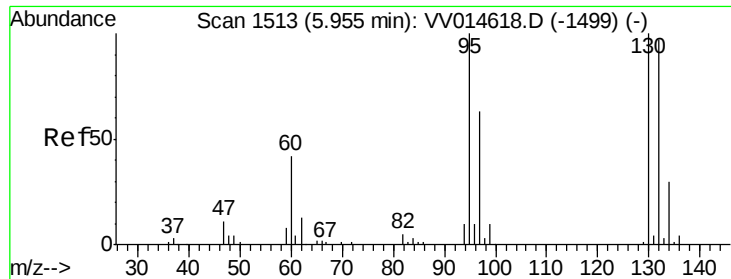


Abundance Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 61.05 (60.75 to 61.75): VV0





#34

Trichloroethene

Concen: 17.952 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

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Tot Ion: 95 Resp: 31721

Ion Ratio Lower Upper

95 100

97 61.0 45.3 84.1

132 94.8 69.6 129.2

130 98.8 74.0 137.4

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

