

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022420\
 Data File : VV014700.D
 Acq On : 24 Feb 2020 15:29
 Operator : SY/MD
 Sample : L1608-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AR4

Quant Time: Feb 25 08:05:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM022120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 25 06:37:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	213999	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	199308	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	95546	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28252	33.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.60%
7) Chloroethane-d5	1.59	69	25479	42.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.12%
11) 1,1-Dichloroethene-d2	2.13	63	50306	32.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.58%
21) 2-Butanone-d5	3.96	46	73247	94.28	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.28%
24) Chloroform-d	4.40	84	130045	47.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.06%
26) 1,2-Dichloroethane-d4	5.08	65	90253	51.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.18%
32) Benzene-d6	5.10	84	247827	46.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.96%
36) 1,2-Dichloropropane-d6	6.11	67	74279	48.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.58%
41) Toluene-d8	7.36	98	234014	46.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.12%
43) trans-1,3-Dichloropropene-	7.66	79	40603	47.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.24%
47) 2-Hexanone-d5	8.13	63	60796	98.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.62%
57) 1,1,1,2,2-Tetrachloroethane-	10.25	84	108131	50.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.46%
64) 1,2-Dichlorobenzene-d4	11.67	152	96140	51.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.86%

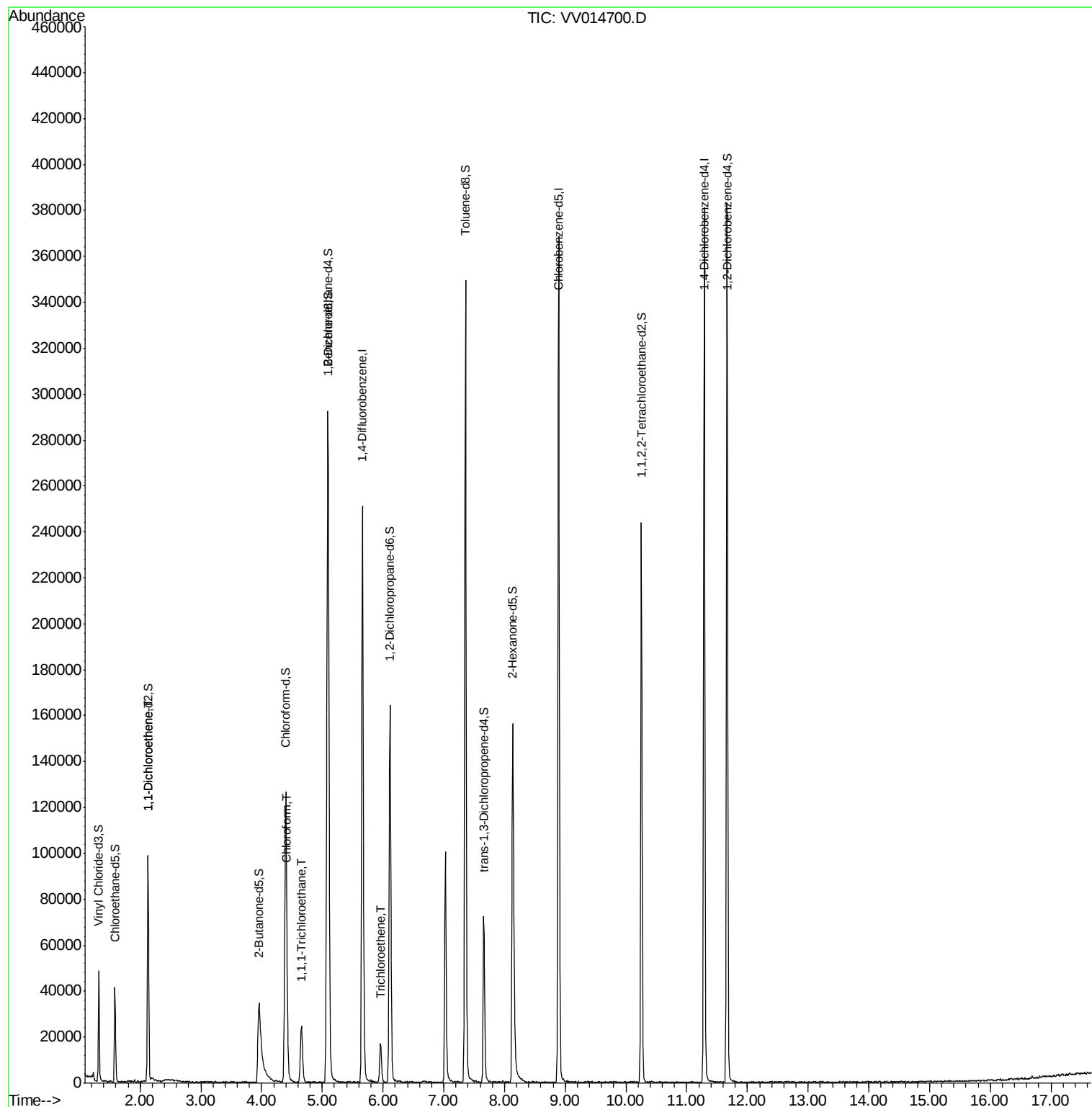
Target Compounds					Ovalue
12) 1,1-Dichloroethene	2.13	96	542	0.831 ug/L	# 1
25) Chloroform	4.42	83	3450	1.301 ug/L	93
30) 1,1,1-Trichloroethane	4.66	97	19756	8.524 ug/L	98
34) Trichloroethene	5.96	95	5070	3.388 ug/L	89

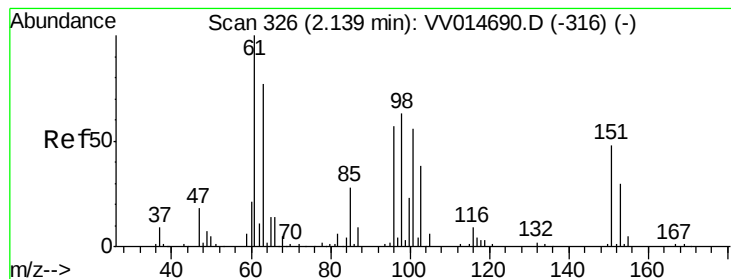
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.831 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV014700.D

Acq: 24 Feb 2020 15:29

Instrument :

MSVOA_V

ClientSampleId :

C0AR4

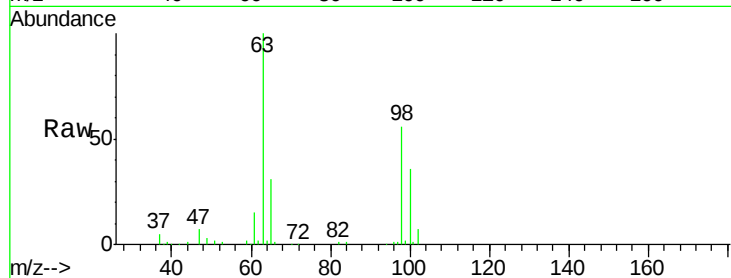
Tot Ion: 96 Resp: 542

Ion Ratio Lower Upper

96 100

61 1495.5 124.5 231.1#

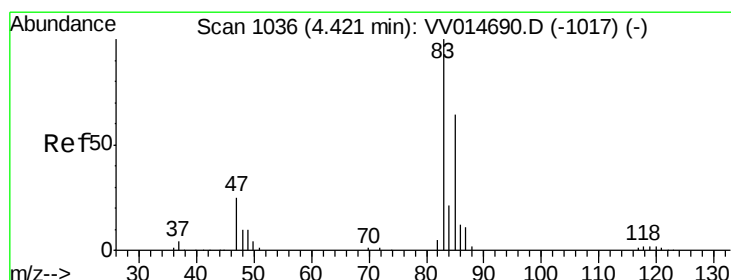
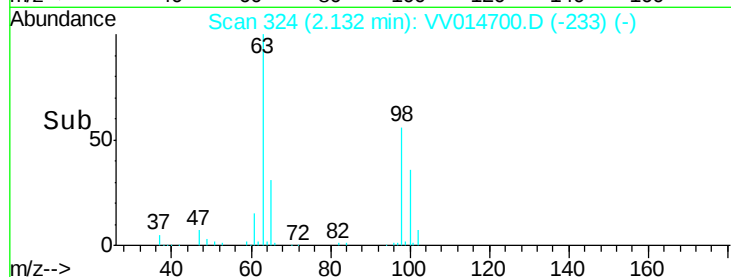
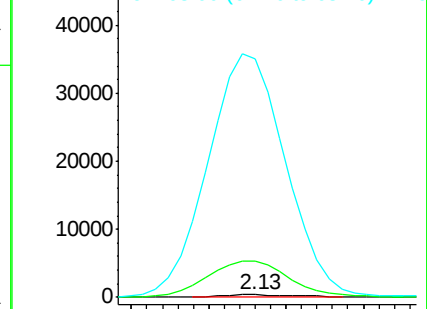
63 9735.9 98.1 182.1#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0



#25

Chloroform

Concen: 1.301 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV014700.D

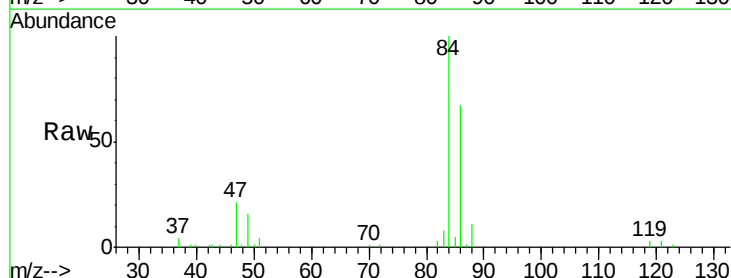
Acq: 24 Feb 2020 15:29

Tgt Ion: 83 Resp: 3450

Ion Ratio Lower Upper

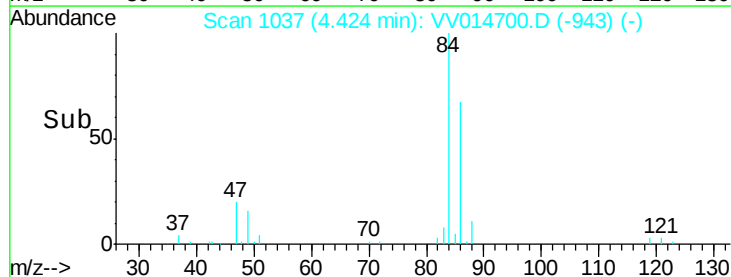
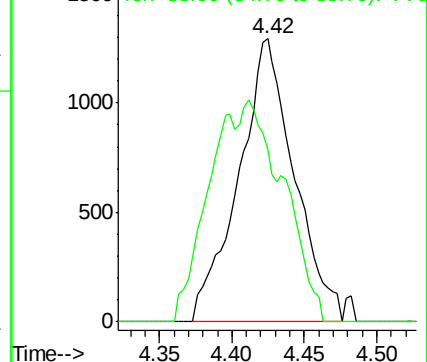
83 100

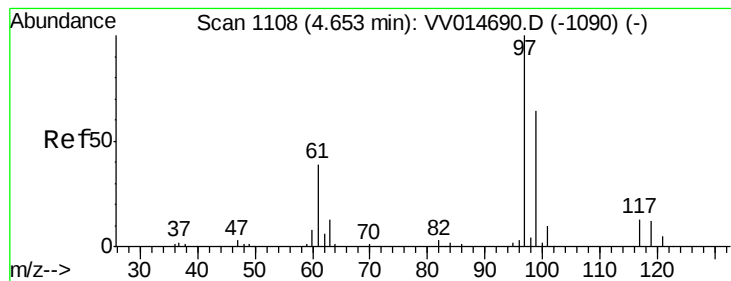
85 60.6 46.1 85.7



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: 8.524 ug/L

RT: 4.66 min Scan# 1109

Delta R.T. 0.00 min

Lab File: VV014700.D

Acq: 24 Feb 2020 15:29

Instrument :

MSVOA_V

ClientSampled :

C0AR4

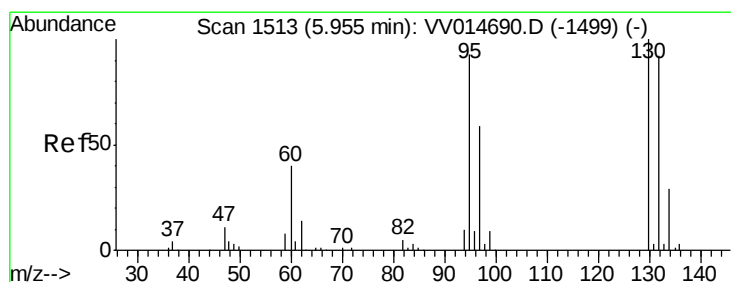
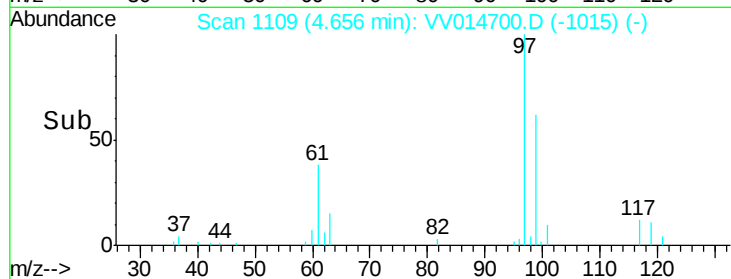
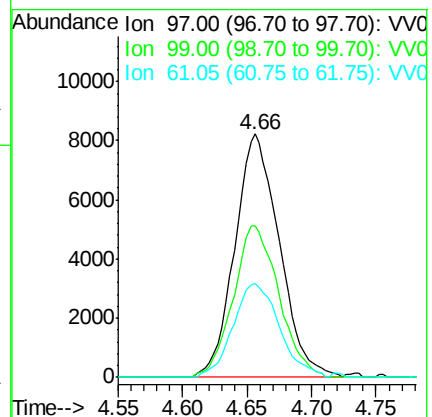
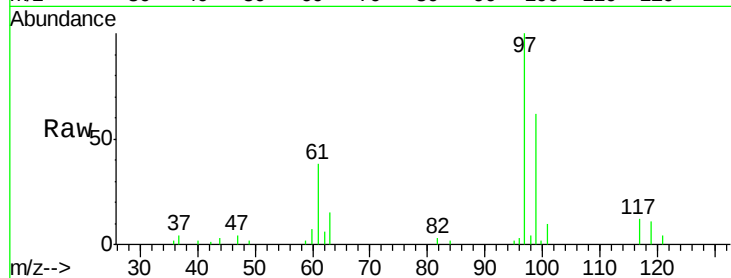
Tot Ion: 97 Resp: 19756

Ion Ratio Lower Upper

97 100

99 63.7 52.0 78.0

61 40.1 31.4 47.0



#34

Trichloroethene

Concen: 3.388 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV014700.D

Acq: 24 Feb 2020 15:29

Tgt Ion: 95 Resp: 5070

Ion Ratio Lower Upper

95 100

97 60.4 44.3 82.3

132 115.0 69.7 129.4

130 112.9 71.3 132.5

