

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022420\
 Data File : VV014699.D
 Acq On : 24 Feb 2020 15:06
 Operator : SY/MD
 Sample : L1608-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AR3

Quant Time: Feb 25 07:57:52 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	158122	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	151793	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	72447	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27255	44.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.26%
7) Chloroethane-d5	1.59	69	25224	56.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.72%
11) 1,1-Dichloroethene-d2	2.13	63	47438	41.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.42%
21) 2-Butanone-d5	3.95	46	71109	123.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	123.88%
24) Chloroform-d	4.40	84	123193	60.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	121.86%
26) 1,2-Dichloroethane-d4	5.08	65	86010	66.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	133.08%#
32) Benzene-d6	5.10	84	234375	58.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.68%
36) 1,2-Dichloropropane-d6	6.12	67	70209	59.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	119.86%
41) Toluene-d8	7.36	98	220391	56.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.90%
43) trans-1,3-Dichloropropene-	7.66	79	38658	58.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	117.82%
47) 2-Hexanone-d5	8.13	63	57598	122.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	122.67%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	104017	64.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	128.16%#
64) 1,2-Dichlorobenzene-d4	11.67	152	90897	64.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	128.26%#

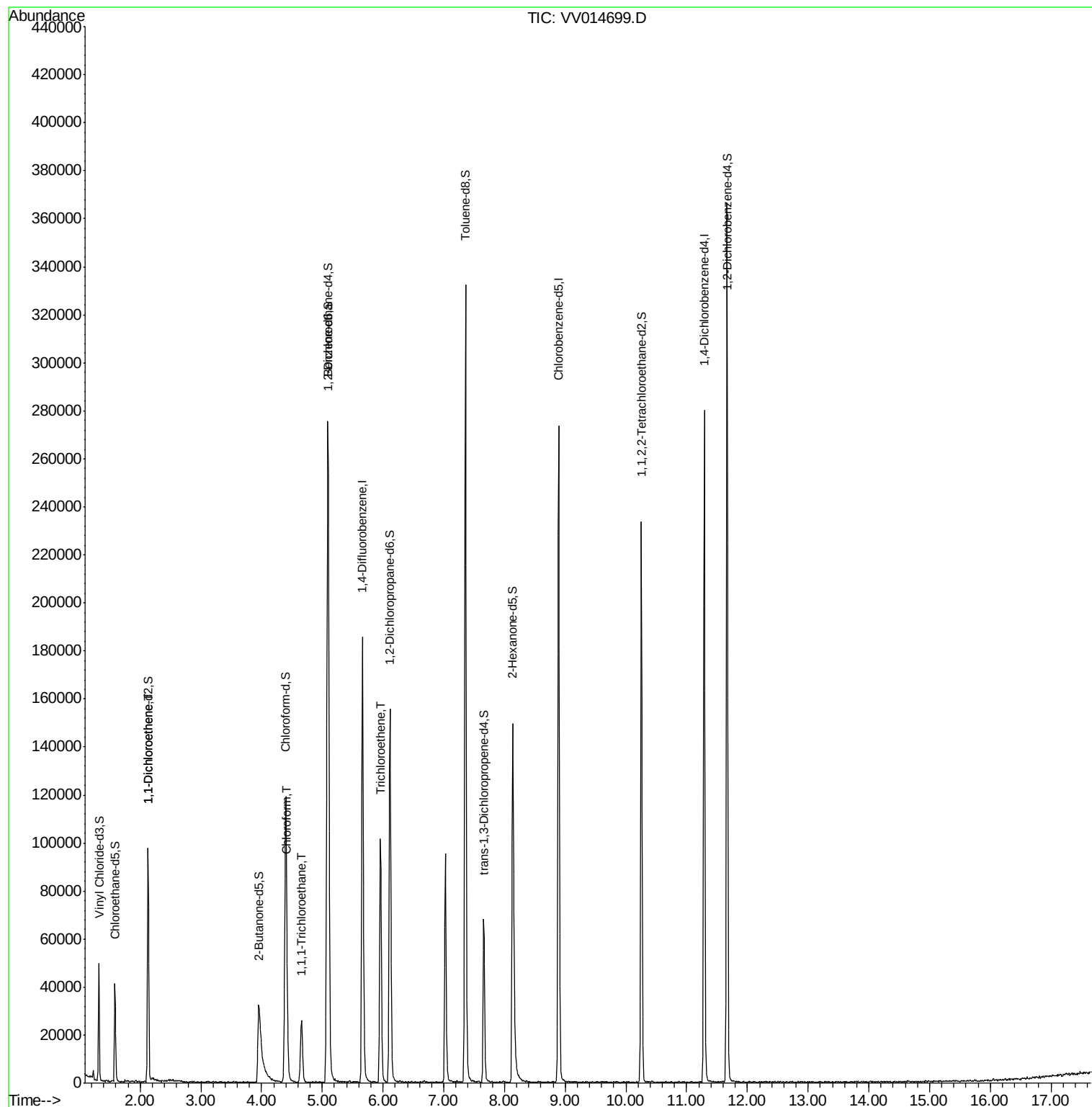
Target Compounds					Ovalue
12) 1,1-Dichloroethene	2.14	96	599	1.243 ug/L #	1
25) Chloroform	4.42	83	3837	1.958 ug/L	88
30) 1,1,1-Trichloroethane	4.66	97	20551	11.642 ug/L	97
34) Trichloroethene	5.96	95	34662	30.417 ug/L	97

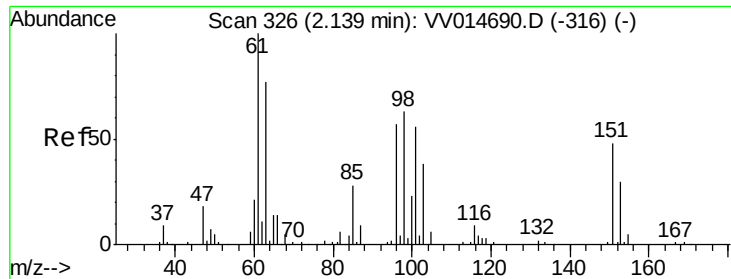
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.243 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VV014699.D

Acq: 24 Feb 2020 15:06

Instrument :

MSVOA_V

ClientSampled :

C0AR3

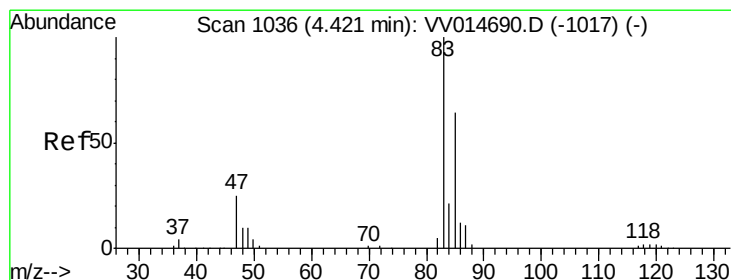
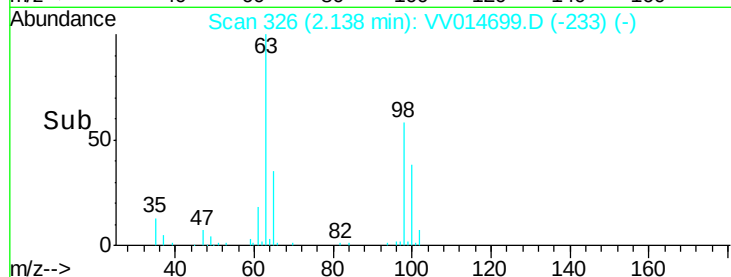
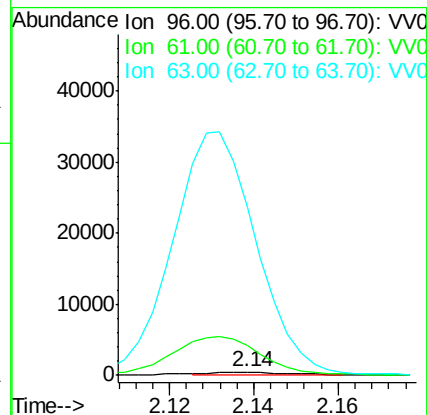
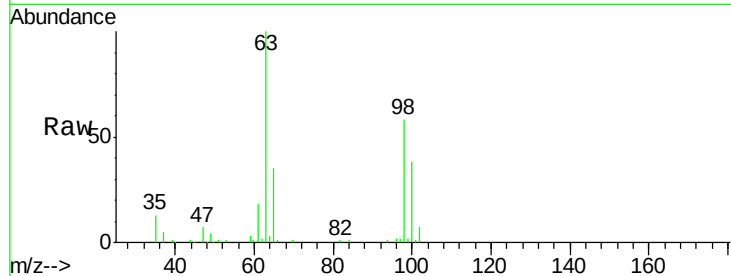
Tot Ion: 96 Resp: 599

Ion Ratio Lower Upper

96 100

61 855.7 124.5 231.1#

63 4889.4 98.1 182.1#



#25

Chloroform

Concen: 1.958 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV014699.D

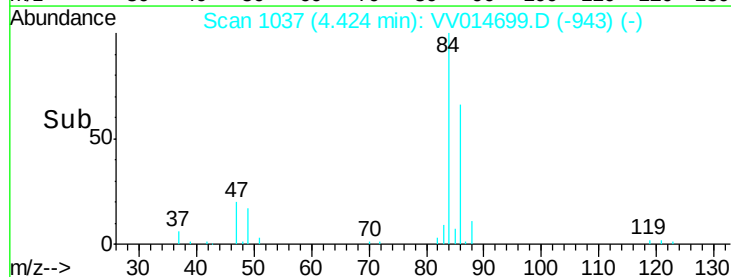
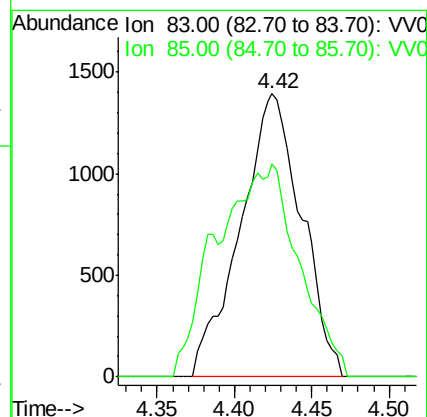
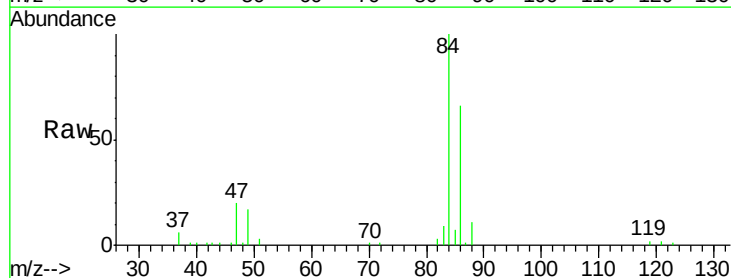
Acq: 24 Feb 2020 15:06

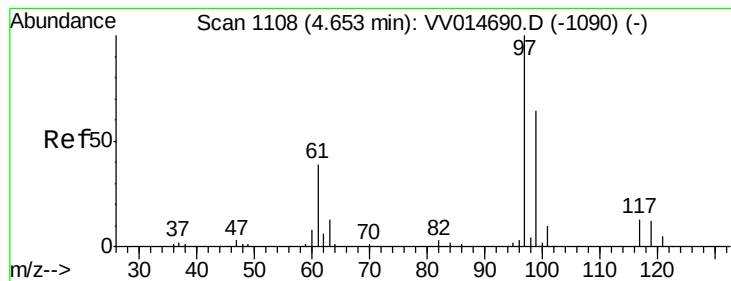
Tgt Ion: 83 Resp: 3837

Ion Ratio Lower Upper

83 100

85 75.1 46.1 85.7





#30

1,1,1-Trichloroethane

Concen: 11.642 ug/L

RT: 4.66 min Scan# 1110

Delta R.T. 0.01 min

Lab File: VV014699.D

Acq: 24 Feb 2020 15:06

Instrument :

MSVOA_V

ClientSampled :

C0AR3

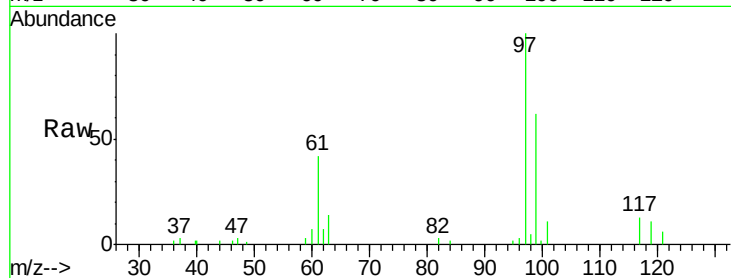
Tot Ion: 97 Resp: 20551

Ion Ratio Lower Upper

97 100

99 62.1 52.0 78.0

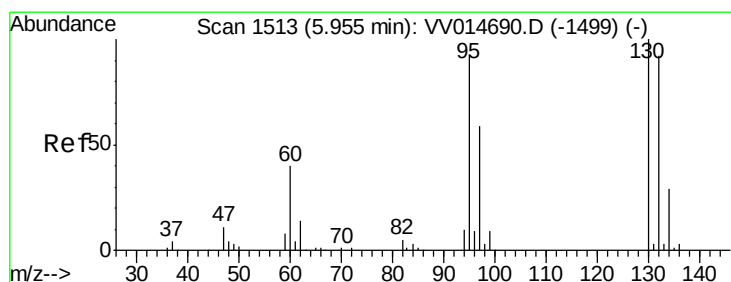
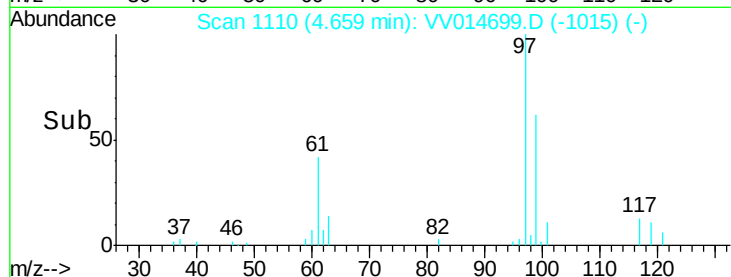
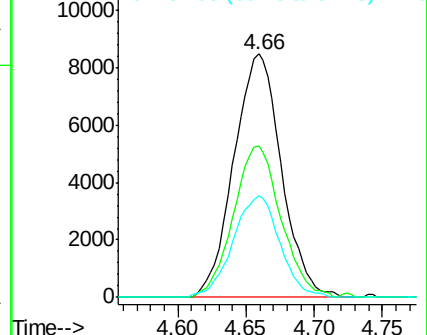
61 40.9 31.4 47.0



Abundance Ion 97.00 (96.70 to 97.70): VV014699.D (-1110) (-)

Ion 99.00 (98.70 to 99.70): VV014699.D (-1110) (-)

Ion 61.05 (60.75 to 61.75): VV014699.D (-1110) (-)



#34

Trichloroethene

Concen: 30.417 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV014699.D

Acq: 24 Feb 2020 15:06

Tgt Ion: 95 Resp: 34662

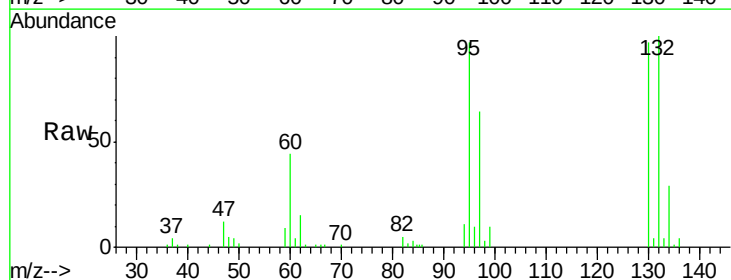
Ion Ratio Lower Upper

95 100

97 65.5 44.3 82.3

132 102.9 69.7 129.4

130 100.1 71.3 132.5



Abundance Ion 95.00 (94.70 to 95.70): VV014699.D (-1514) (-)

Ion 97.00 (96.70 to 97.70): VV014699.D (-1514) (-)

Ion 132.00 (131.70 to 132.70): VV014699.D (-1514) (-)

Ion 130.00 (129.70 to 130.70): VV014699.D (-1514) (-)

