

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022420\
 Data File : VV014693.D
 Acq On : 24 Feb 2020 12:23
 Operator : SY/MD
 Sample : L1607-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AP5

Quant Time: Feb 25 07:00:56 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	207125	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	195403	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	93791	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27374	33.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.68%
7) Chloroethane-d5	1.59	69	23589	40.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.46%
11) 1,1-Dichloroethene-d2	2.13	63	49243	32.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.32%
21) 2-Butanone-d5	3.95	46	71343	94.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.88%
24) Chloroform-d	4.40	84	119118	44.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.96%
26) 1,2-Dichloroethane-d4	5.08	65	82354	48.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.28%
32) Benzene-d6	5.10	84	233216	45.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.18%
36) 1,2-Dichloropropane-d6	6.11	67	70432	46.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.40%
41) Toluene-d8	7.36	98	220705	44.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.62%
43) trans-1,3-Dichloropropene-	7.66	79	38259	45.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.58%
47) 2-Hexanone-d5	8.13	63	53232	88.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.07%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	98871	47.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.64%
64) 1,2-Dichlorobenzene-d4	11.67	152	88091	48.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.00%

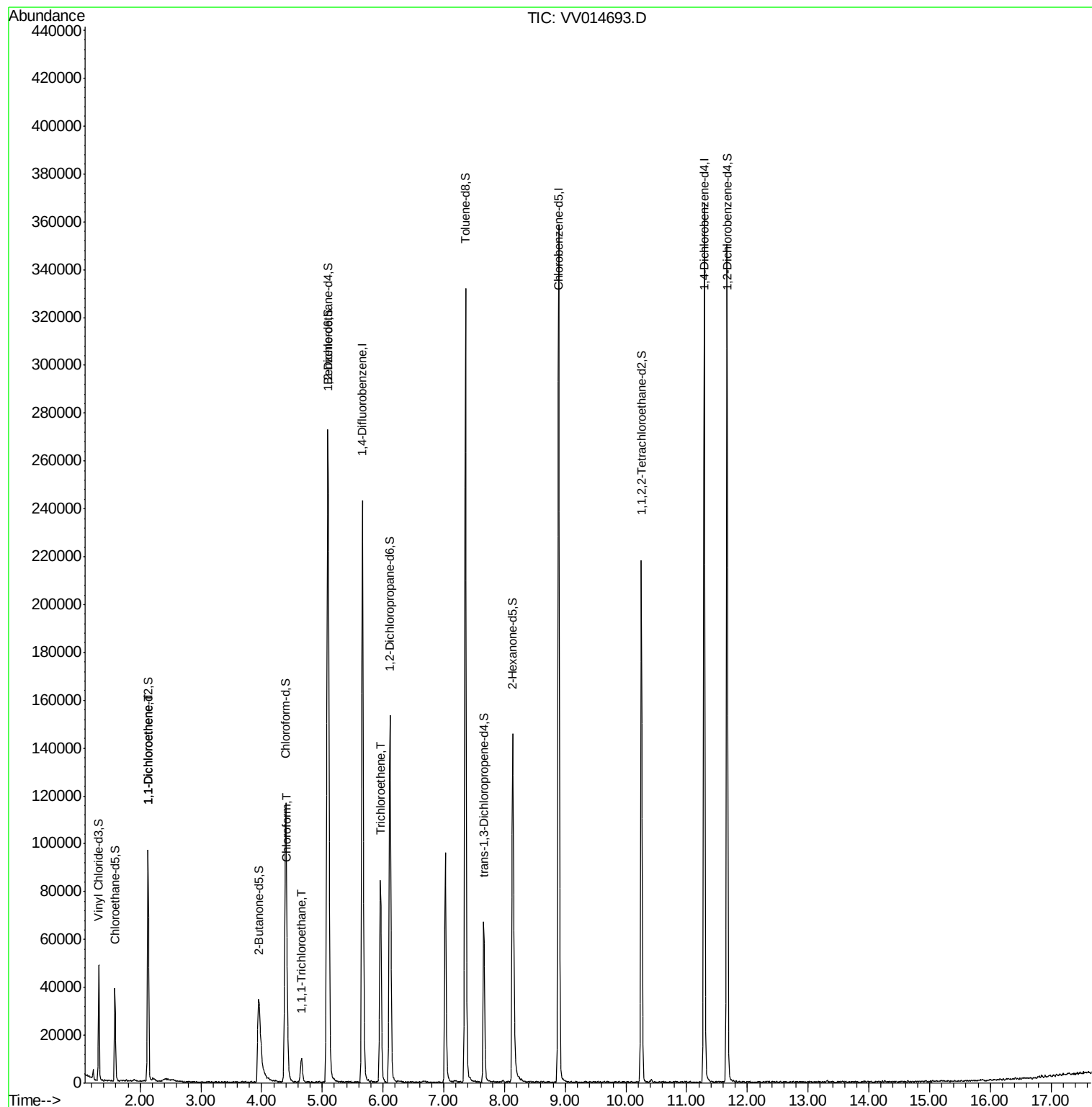
Target Compounds					Ovalue
12) 1,1-Dichloroethene	2.14	96	581	0.920 ug/L	# 1
25) Chloroform	4.42	83	6147	2.395 ug/L	94
30) 1,1,1-Trichloroethane	4.66	97	7536	3.316 ug/L	98
34) Trichloroethene	5.96	95	28333	19.314 ug/L	98

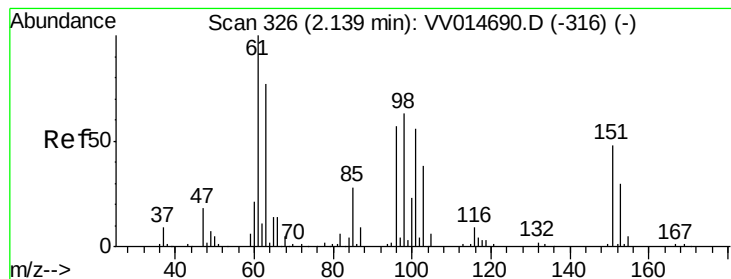
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.920 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.00 min

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ClientSampleId :

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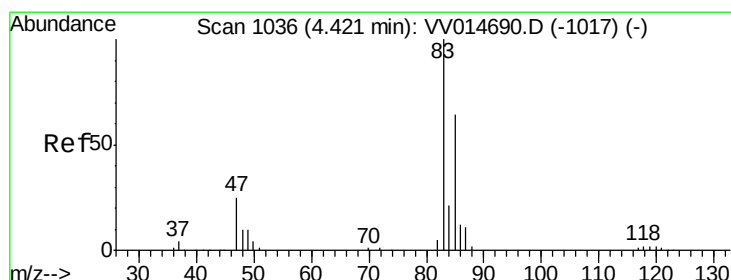
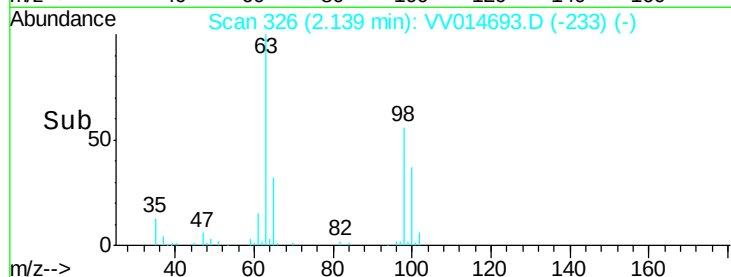
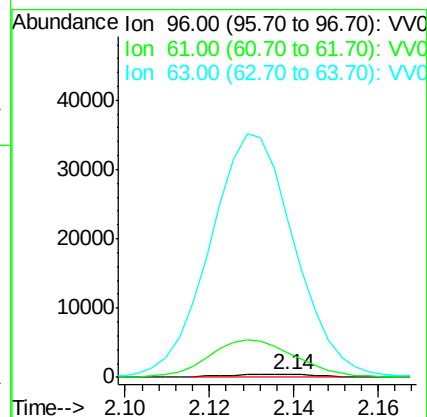
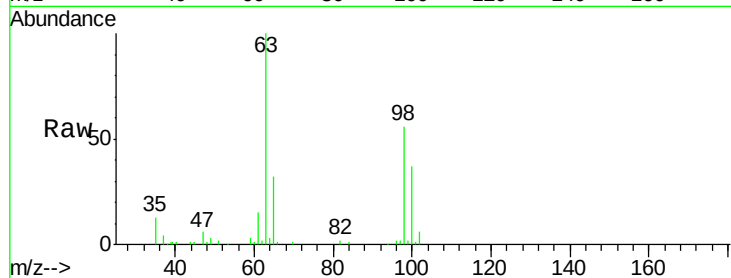
Tot Ion: 96 Resp: 581

Ion Ratio Lower Upper

96 100

61 951.6 124.5 231.1#

63 6164.7 98.1 182.1#



#25

Chloroform

Concen: 2.395 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

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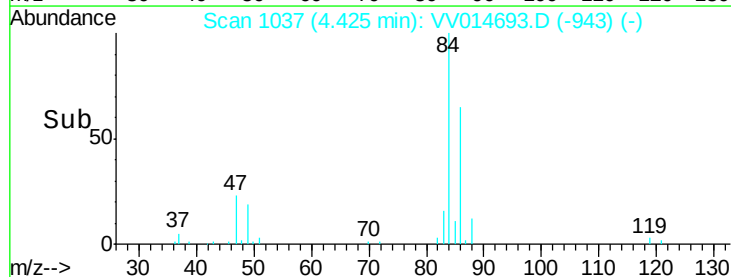
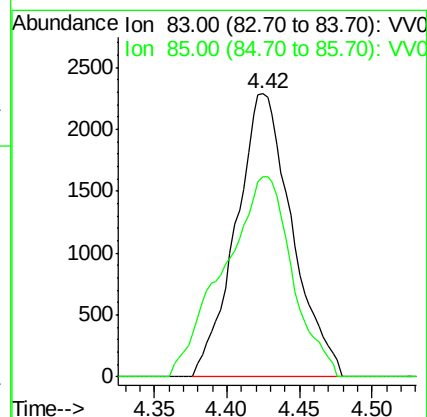
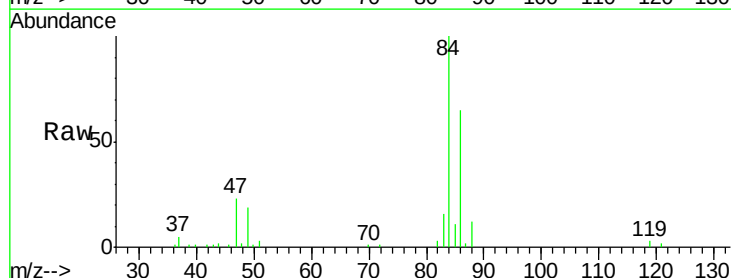
Acq: 24 Feb 2020 12:23

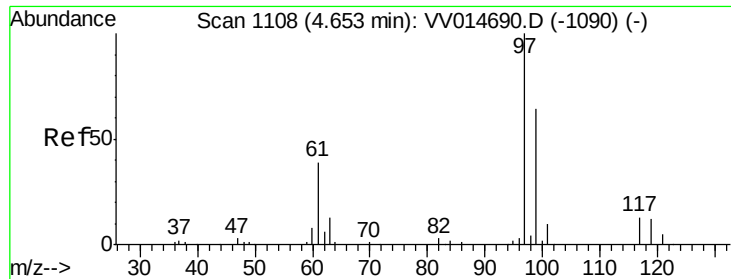
Tgt Ion: 83 Resp: 6147

Ion Ratio Lower Upper

83 100

85 70.9 46.1 85.7

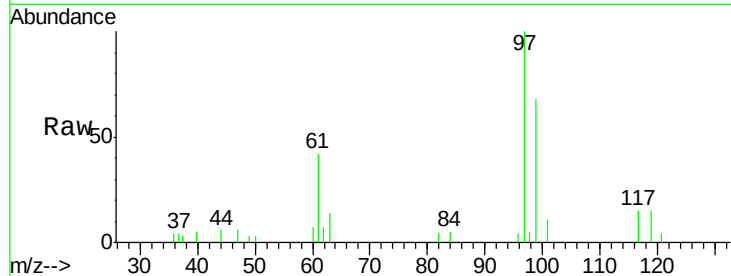




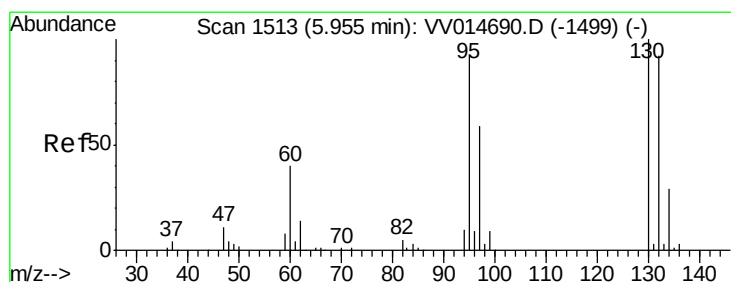
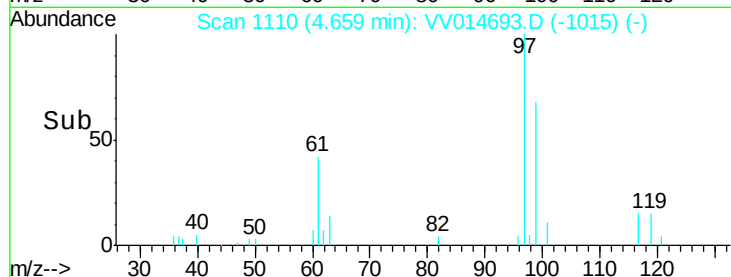
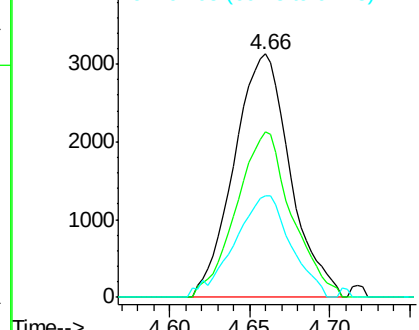
#30
1,1,1-Trichloroethane
Concen: 3.316 ug/L
RT: 4.66 min Scan# 1110
Delta R.T. 0.01 min
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C0AP5

Tot Ion: 97 Resp: 7536
Ion Ratio Lower Upper
97 100
99 67.0 52.0 78.0
61 40.5 31.4 47.0

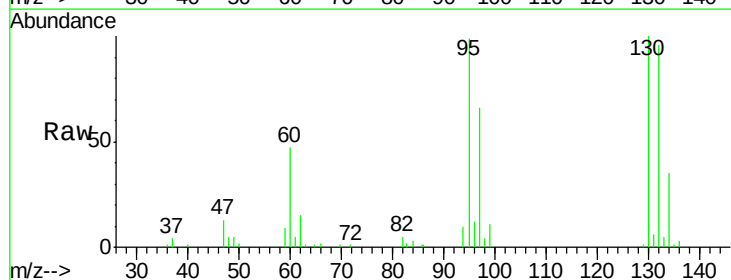


Abundance Ion 97.00 (96.70 to 97.70): VV0
Ion 99.00 (98.70 to 99.70): VV0
Ion 61.05 (60.75 to 61.75): VV0



#34
Trichloroethene
Concen: 19.314 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VV014693.D
Acq: 24 Feb 2020 12:23

Tgt Ion: 95 Resp: 28333
Ion Ratio Lower Upper
95 100
97 66.2 44.3 82.3
132 96.8 69.7 129.4
130 101.1 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): VV0
Ion 130.00 (129.70 to 130.70): VV0

