

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022120\
 Data File : VV014672.D
 Acq On : 21 Feb 2020 23:05
 Operator : SY/MD
 Sample : L1607-17DL 40X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AQ3DL

Quant Time: Feb 24 07:20:11 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	230858	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	215339	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	102498	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34359	38.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.22%
7) Chloroethane-d5	1.59	69	27686	42.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.74%
11) 1,1-Dichloroethene-d2	2.13	63	56728	33.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.50%
21) 2-Butanone-d5	3.95	46	76553	91.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.34%
24) Chloroform-d	4.40	84	131847	44.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.34%
26) 1,2-Dichloroethane-d4	5.08	65	88740	47.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.04%
32) Benzene-d6	5.10	84	259783	45.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.16%
36) 1,2-Dichloropropane-d6	6.11	67	79098	47.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.20%
41) Toluene-d8	7.36	98	243386	44.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.68%
43) trans-1,3-Dichloropropene-	7.66	79	40631	43.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.28%
47) 2-Hexanone-d5	8.13	63	60346	90.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.60%
57) 1,1,1,2,2-Tetrachloroethane-	10.25	84	107821	46.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.64%
64) 1,2-Dichlorobenzene-d4	11.67	152	95656	47.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

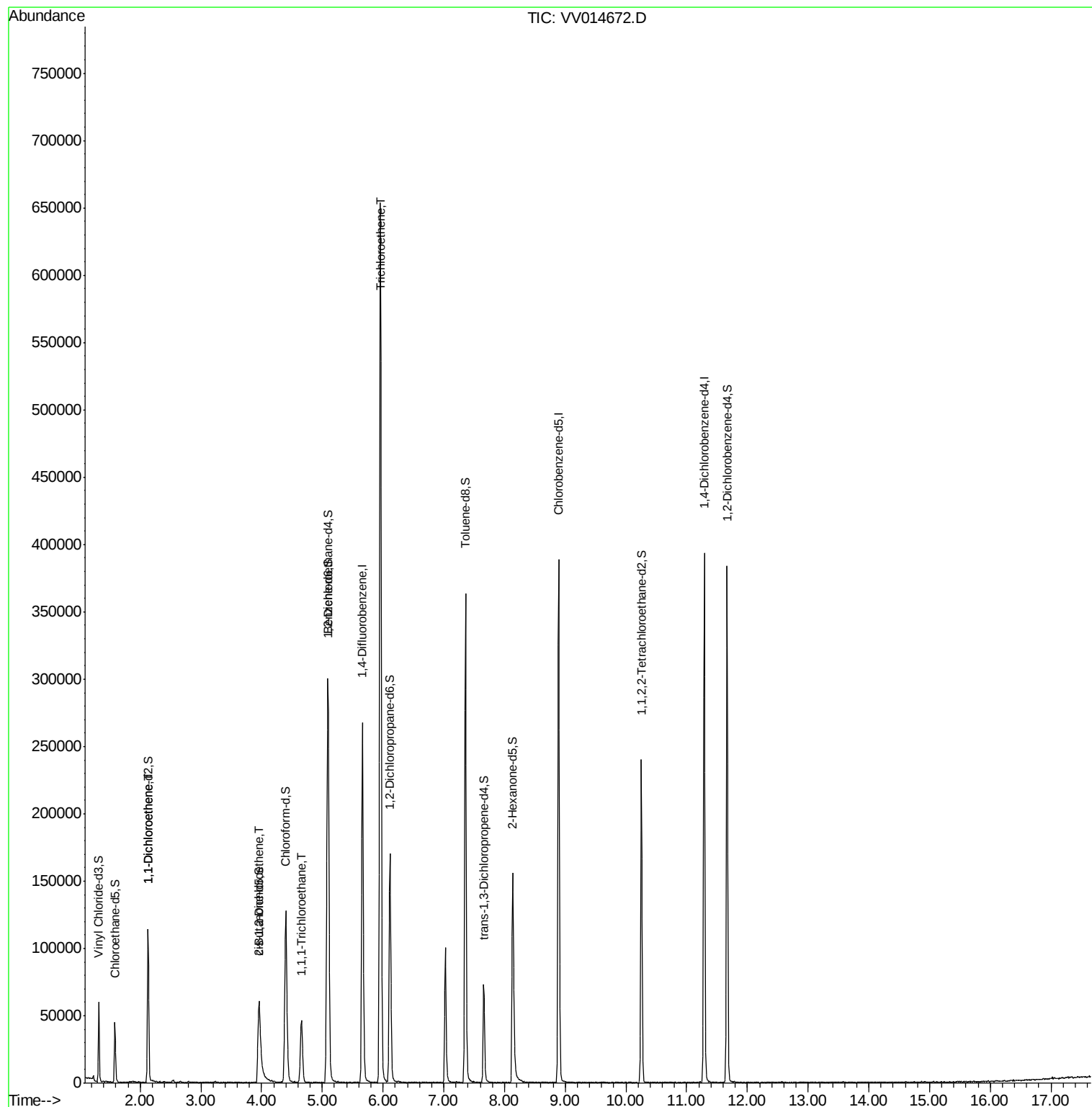
					Ovalue
12) 1,1-Dichloroethene	2.14	96	2459	3.494 ug/L	# 1
20) cis-1,2-Dichloroethene	3.96	96	14632	9.231 ug/L	89
30) 1,1,1-Trichloroethane	4.66	97	37133	14.828 ug/L	98
34) Trichloroethene	5.96	95	227982	141.025 ug/L	98

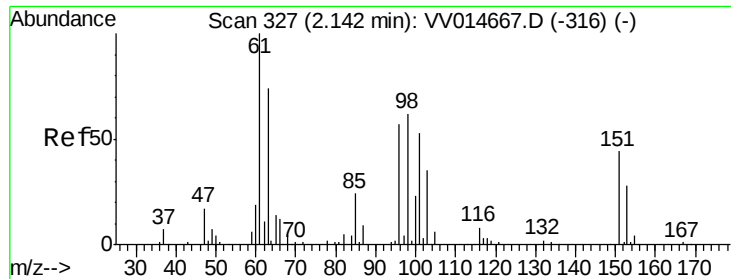
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 3.494 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.00 min

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ClientSampleId :

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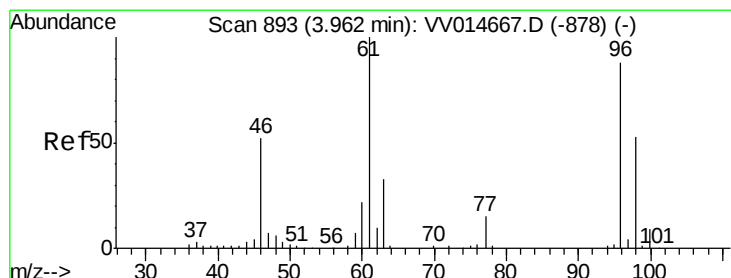
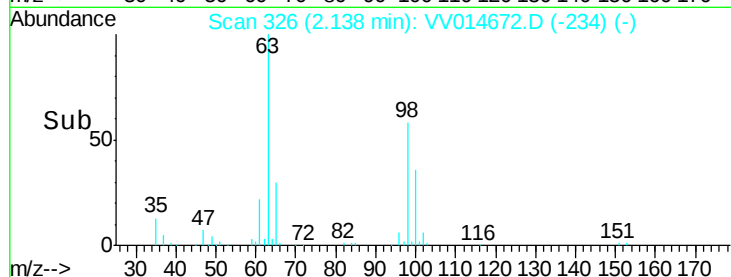
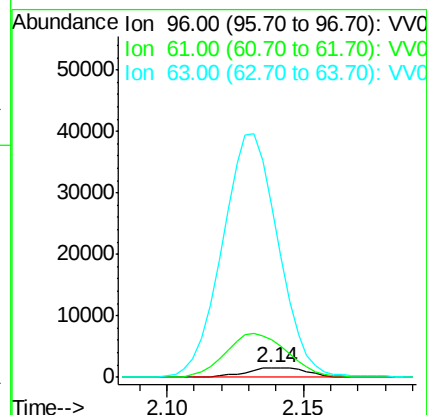
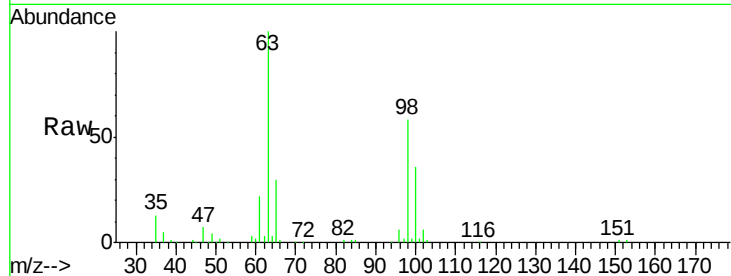
Tot Ion: 96 Resp: 2459

Ion Ratio Lower Upper

96 100

61 374.8 124.5 231.1#

63 1735.4 98.1 182.1#



#20

cis-1,2-Dichloroethene

Concen: 9.231 ug/L

RT: 3.96 min Scan# 894

Delta R.T. 0.00 min

Lab File: VV014672.D

Acq: 21 Feb 2020 23:05

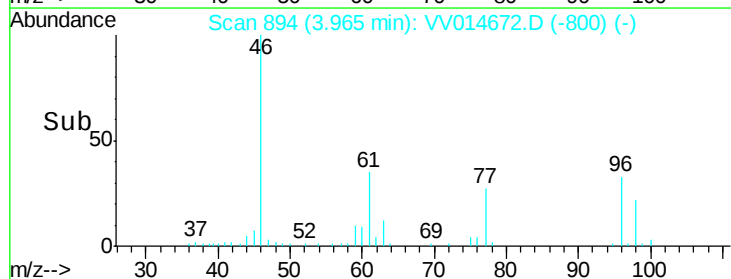
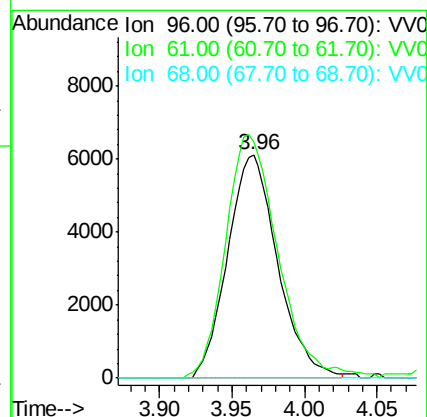
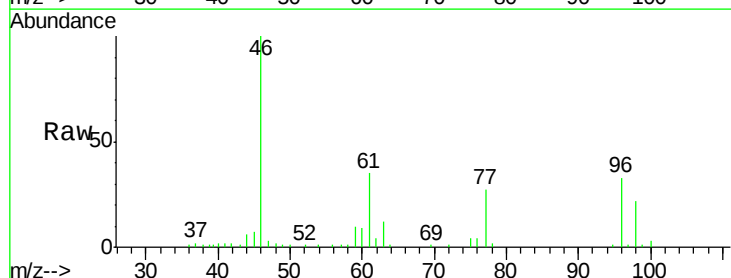
Tgt Ion: 96 Resp: 14632

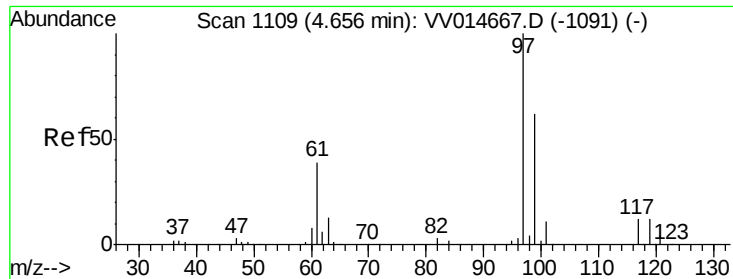
Ion Ratio Lower Upper

96 100

61 105.8 82.4 153.0

68 0.0 0.0 0.0

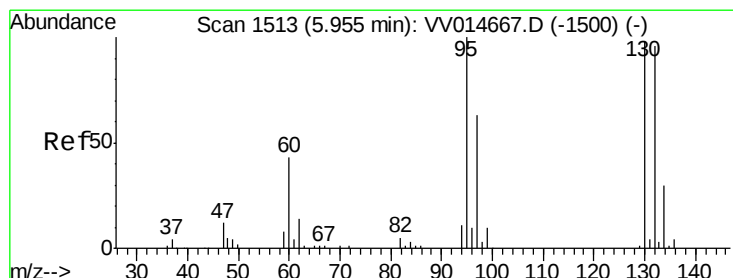
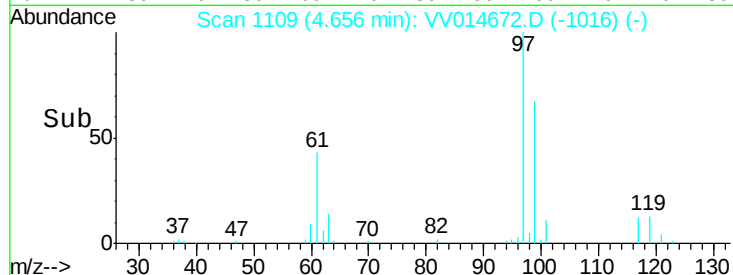
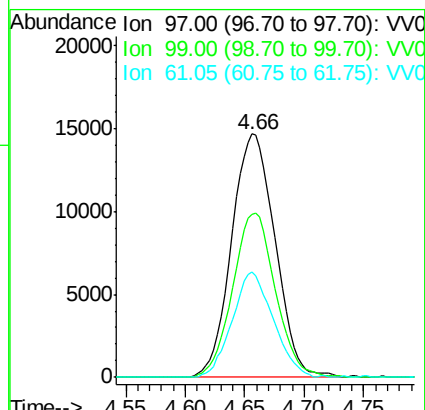
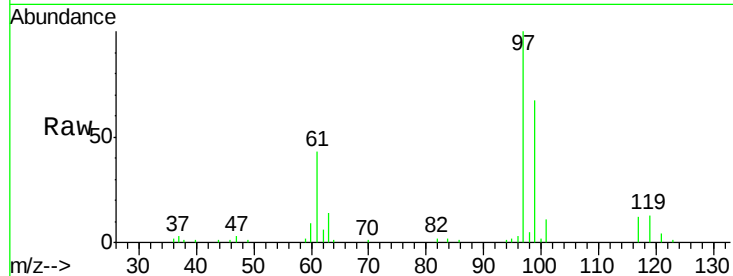




#30
 1,1,1-Trichloroethane
 Concen: 14.828 ug/L
 RT: 4.66 min Scan# 1109
 Delta R.T. -0.00 min
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Tot Ion: 97 Resp: 37133
 Ion Ratio Lower Upper
 97 100
 99 66.6 52.0 78.0
 61 41.0 31.4 47.0



#34
 Trichloroethene
 Concen: 141.025 ug/L
 RT: 5.96 min Scan# 1513
 Delta R.T. -0.00 min
 Lab File: VV014672.D
 Acq: 21 Feb 2020 23:05

Tgt Ion: 95 Resp: 227982
 Ion Ratio Lower Upper
 95 100
 97 63.9 44.3 82.3
 132 96.5 69.7 129.4
 130 100.3 71.3 132.5

