

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022120\
 Data File : VV014659.D
 Acq On : 21 Feb 2020 17:39
 Operator : SY/MD
 Sample : L1607-14
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AQ0

Quant Time: Feb 22 00:17:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM022120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 21 23:36:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	231842	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	217781	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	103750	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36895	40.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.50%
7) Chloroethane-d5	1.59	69	29894	45.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.10%
11) 1,1-Dichloroethene-d2	2.13	63	57904	34.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.62%
21) 2-Butanone-d5	3.95	46	81292	96.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.59%
24) Chloroform-d	4.40	84	134200	45.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.54%
26) 1,2-Dichloroethane-d4	5.08	65	90389	47.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.38%
32) Benzene-d6	5.10	84	268465	46.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.14%
36) 1,2-Dichloropropane-d6	6.11	67	80073	47.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.28%
41) Toluene-d8	7.36	98	251434	45.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.58%
43) trans-1,3-Dichloropropene-	7.66	79	42144	44.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.52%
47) 2-Hexanone-d5	8.14	63	63994	95.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.00%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	112093	48.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.26%
64) 1,2-Dichlorobenzene-d4	11.67	152	98272	48.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.82%

Target Compounds

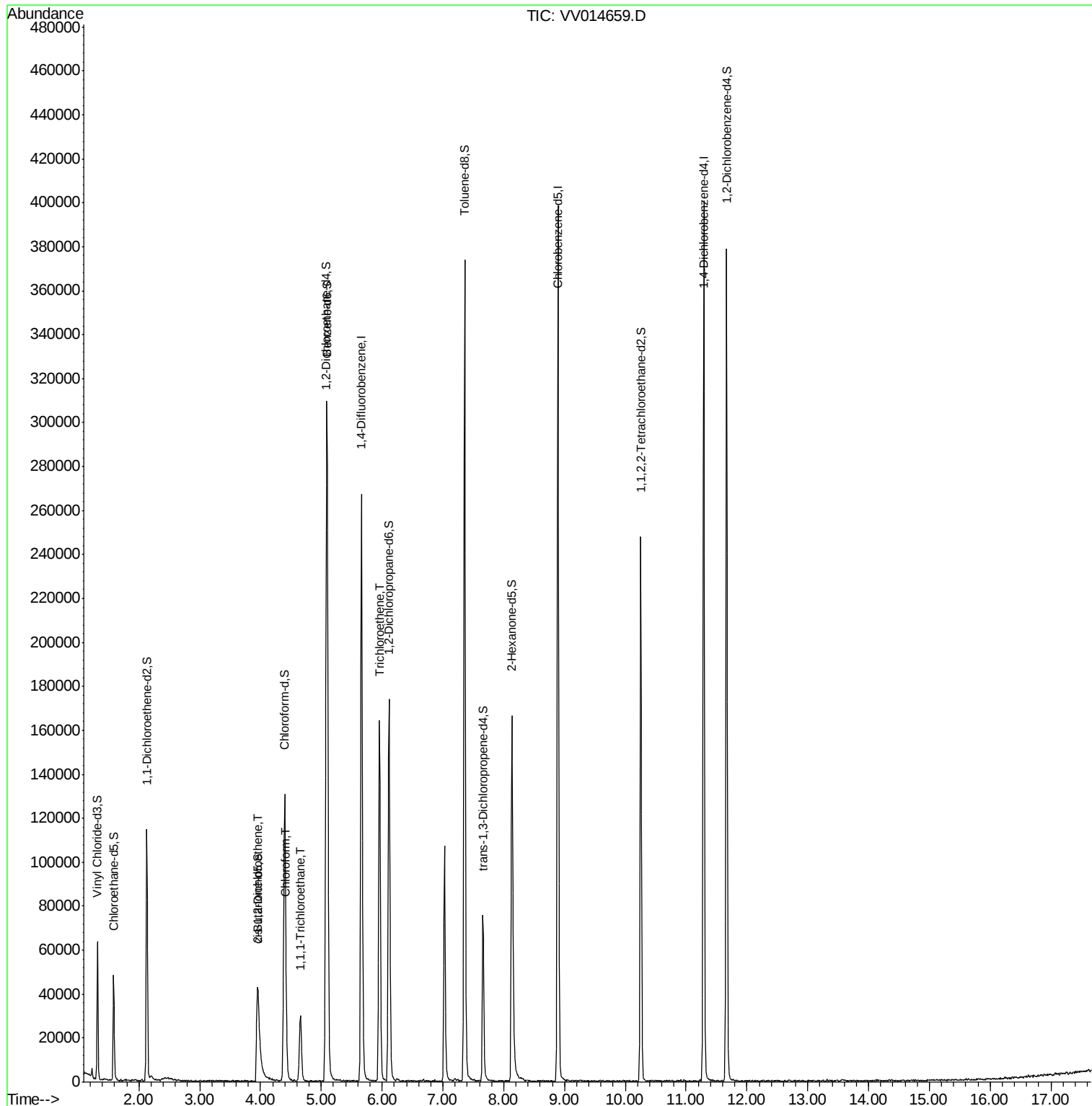
					Ovalue
20) cis-1,2-Dichloroethene	3.96	96	2387	1.500 ug/L	92
25) Chloroform	4.43	83	5276	1.836 ug/L	97
30) 1,1,1-Trichloroethane	4.66	97	23960	9.461 ug/L	97
34) Trichloroethene	5.96	95	56856	34.776 ug/L	98

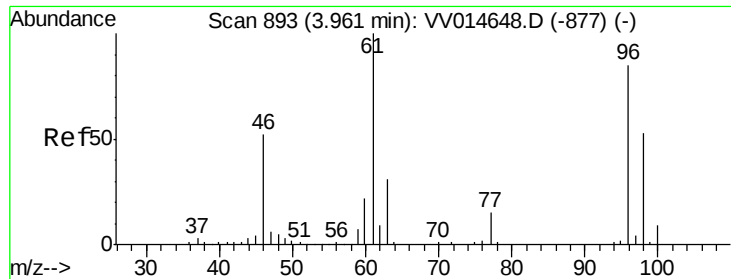
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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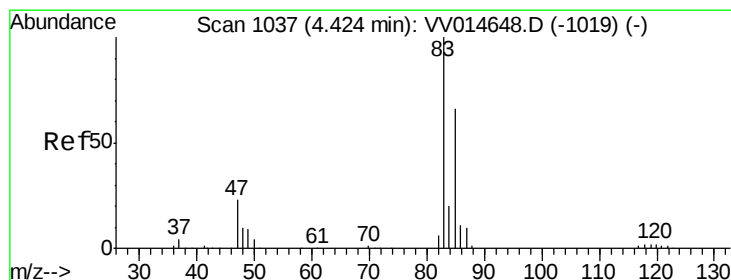
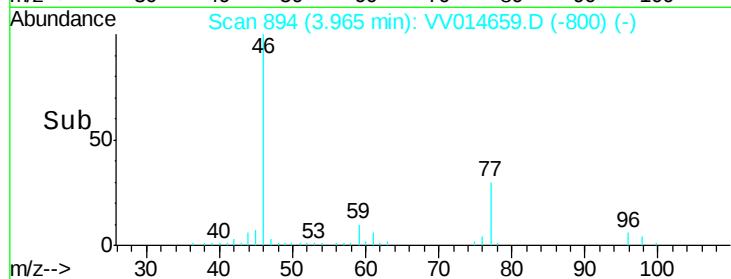
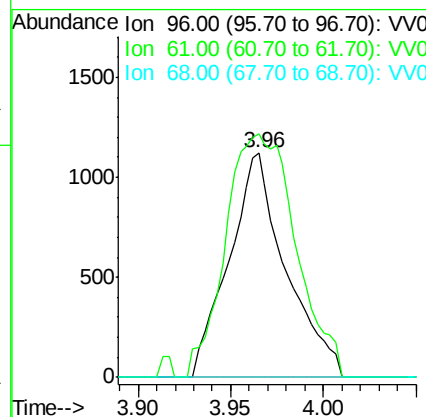
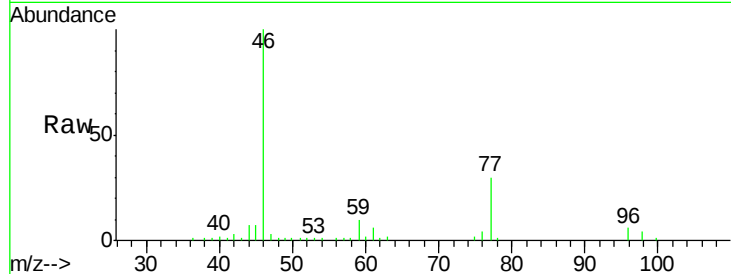




#20
 cis-1,2-Dichloroethene
 Concen: 1.500 ug/L
 RT: 3.96 min Scan# 894
 Delta R.T. 0.00 min
 Lab File: VV014659.D
 Acq: 21 Feb 2020 17:39

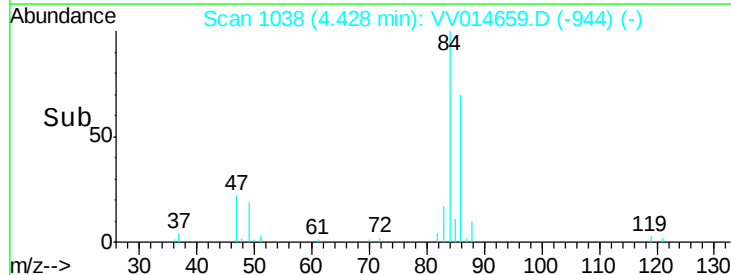
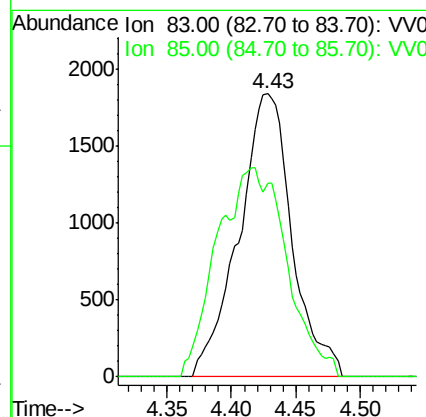
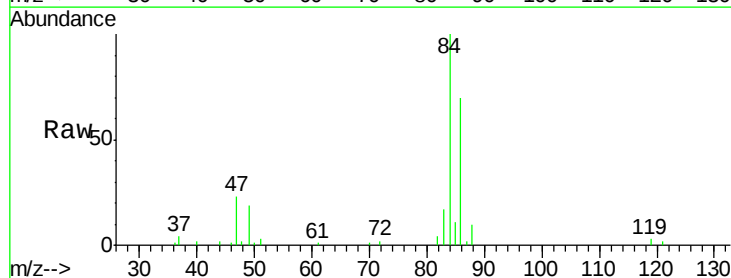
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AQ0

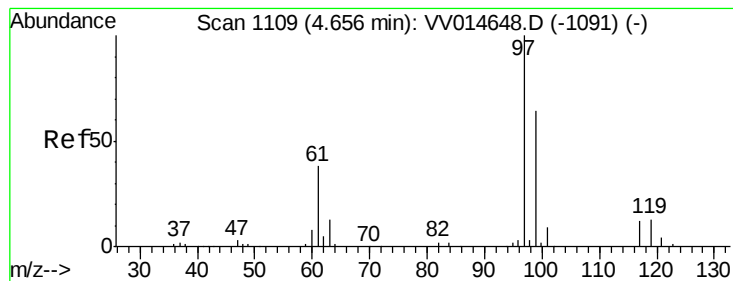
Tot Ion: 96 Resp: 2387
 Ion Ratio Lower Upper
 96 100
 61 108.5 82.4 153.0
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 1.836 ug/L
 RT: 4.43 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: VV014659.D
 Acq: 21 Feb 2020 17:39

Tgt Ion: 83 Resp: 5276
 Ion Ratio Lower Upper
 83 100
 85 68.3 46.1 85.7





#30

1,1,1-Trichloroethane

Concen: 9.461 ug/L

RT: 4.66 min Scan# 1109

Delta R.T. 0.00 min

Lab File: VV014659.D

Acq: 21 Feb 2020 17:39

Instrument :

MSVOA_V

ClientSampled :

C0AQ0

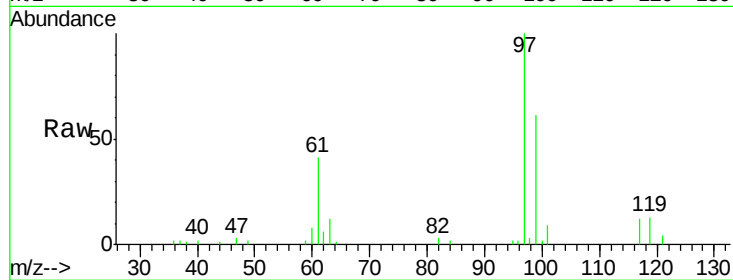
Tot Ion: 97 Resp: 23960

Ion Ratio Lower Upper

97 100

99 65.5 52.0 78.0

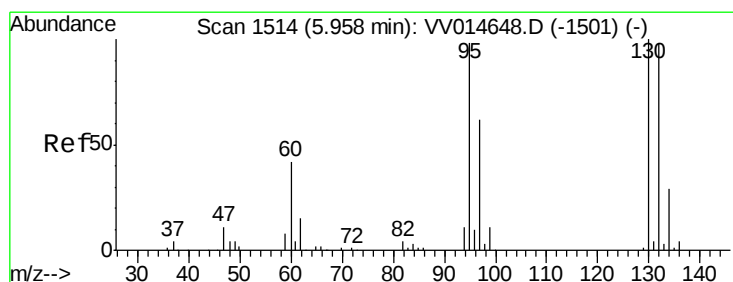
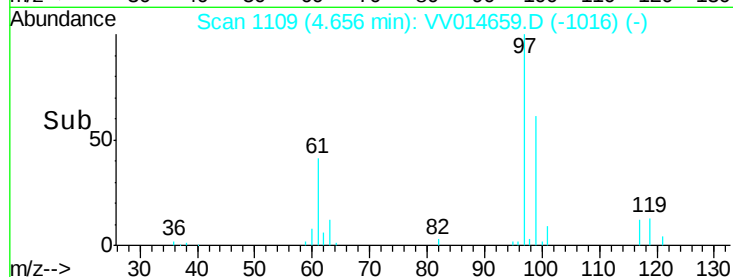
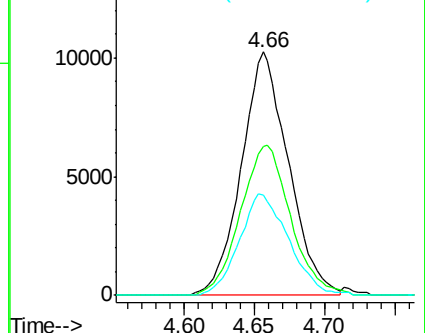
61 43.6 31.4 47.0



Abundance Ion 97.00 (96.70 to 97.70): VV014648.D (-1091) (-)

Ion 99.00 (98.70 to 99.70): VV014648.D (-1091) (-)

Ion 61.05 (60.75 to 61.75): VV014648.D (-1091) (-)



#34

Trichloroethene

Concen: 34.776 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV014659.D

Acq: 21 Feb 2020 17:39

Tgt Ion: 95 Resp: 56856

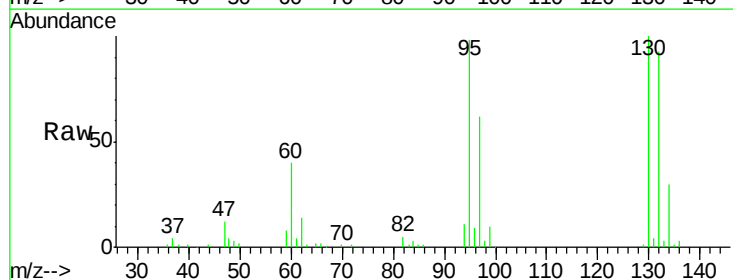
Ion Ratio Lower Upper

95 100

97 63.0 44.3 82.3

132 94.7 69.7 129.4

130 102.2 71.3 132.5



Abundance Ion 95.00 (94.70 to 95.70): VV014648.D (-1501) (-)

Ion 97.00 (96.70 to 97.70): VV014648.D (-1501) (-)

Ion 132.00 (131.70 to 132.70): VV014648.D (-1501) (-)

Ion 130.00 (129.70 to 130.70): VV014648.D (-1501) (-)

