

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022020\
 Data File : VV014634.D
 Acq On : 20 Feb 2020 19:20
 Operator : SY/MD
 Sample : L1607-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AP8

Quant Time: Feb 21 04:59:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM021220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 21 03:31:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	263948	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	247884	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	120189	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50682	50.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.00%
7) Chloroethane-d5	1.58	69	38245	53.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.30%
11) 1,1-Dichloroethene-d2	2.13	63	71969	42.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.10%
21) 2-Butanone-d5	3.93	46	90391	107.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.54%
24) Chloroform-d	4.40	84	143246	48.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.92%
26) 1,2-Dichloroethane-d4	5.08	65	100779	54.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.92%
32) Benzene-d6	5.10	84	316234	53.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.70%
36) 1,2-Dichloropropane-d6	6.11	67	93336	52.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.54%
41) Toluene-d8	7.36	98	293882	51.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.06%
43) trans-1,3-Dichloropropene-	7.66	79	49382	50.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.32%
47) 2-Hexanone-d5	8.13	63	75705	106.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.11%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	124517	51.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.76%
64) 1,2-Dichlorobenzene-d4	11.67	152	114815	54.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.14%

Target Compounds

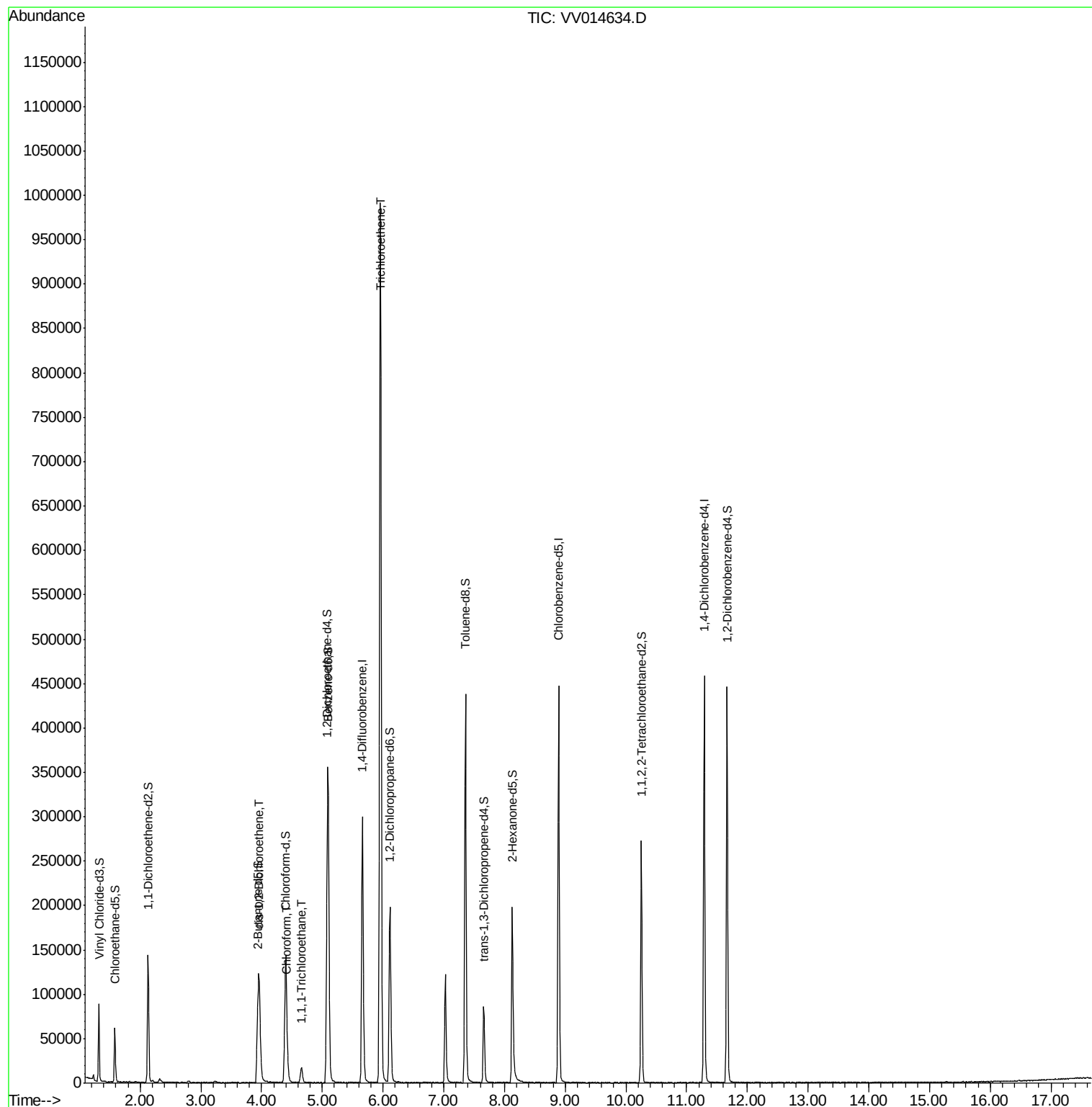
					Ovalue
20) cis-1,2-Dichloroethene	3.96	96	59185	32.059 ug/L	95
25) Chloroform	4.43	83	11616	3.749 ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	13813	5.122 ug/L	97
34) Trichloroethene	5.96	95	345638	196.803 ug/L	98

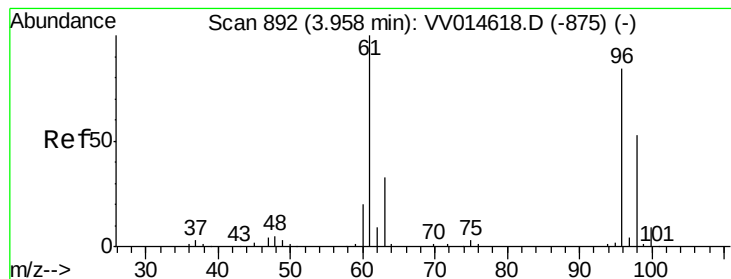
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 32.059 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.00 min

Lab File: VV014634.D

Acq: 20 Feb 2020 19:20

Instrument :

MSVOA_V

ClientSampled :

C0AP8

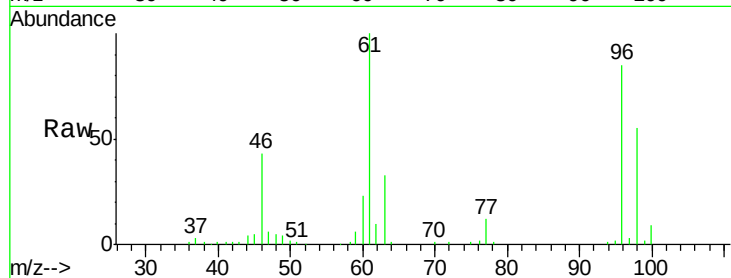
Tot Ion: 96 Resp: 59185

Ion Ratio Lower Upper

96 100

61 117.1 85.9 159.5

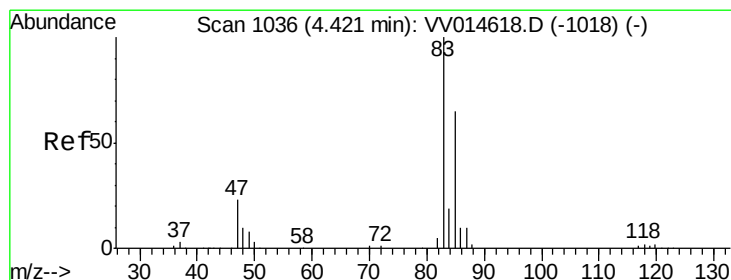
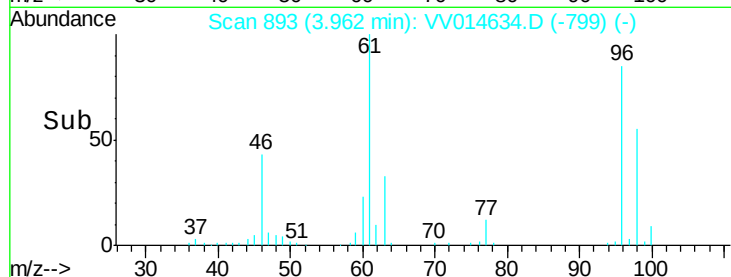
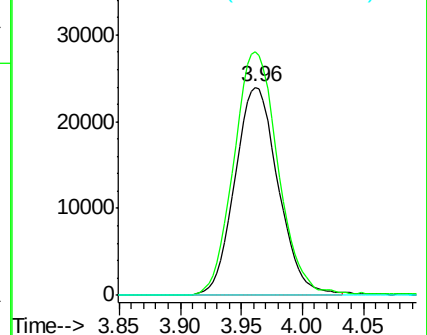
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV014618.D (-875) (-)

Ion 61.00 (60.70 to 61.70): VV014618.D (-875) (-)

Ion 68.00 (67.70 to 68.70): VV014618.D (-875) (-)



#25

Chloroform

Concen: 3.749 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VV014634.D

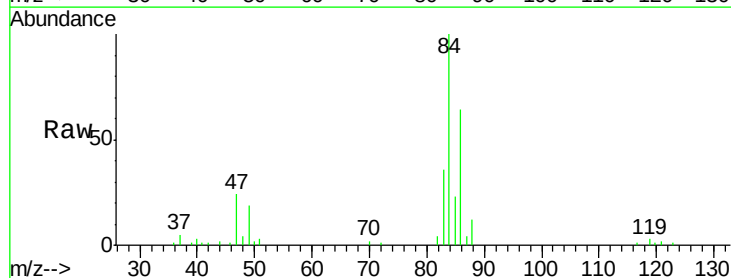
Acq: 20 Feb 2020 19:20

Tgt Ion: 83 Resp: 11616

Ion Ratio Lower Upper

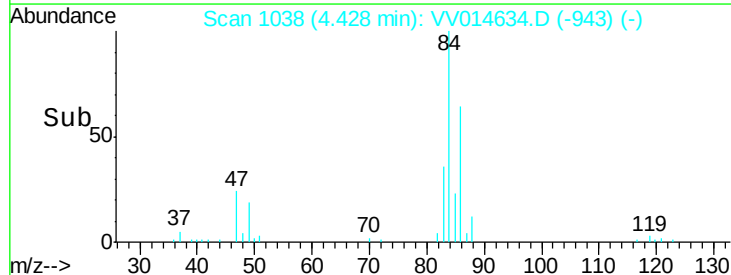
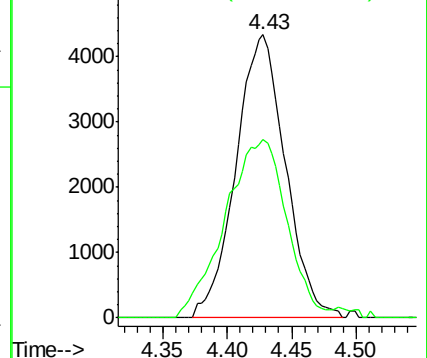
83 100

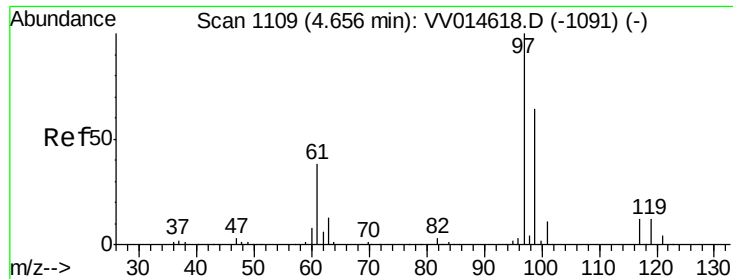
85 63.2 45.0 83.6



Abundance Ion 83.00 (82.70 to 83.70): VV014618.D (-1018) (-)

Ion 85.00 (84.70 to 85.70): VV014618.D (-1018) (-)

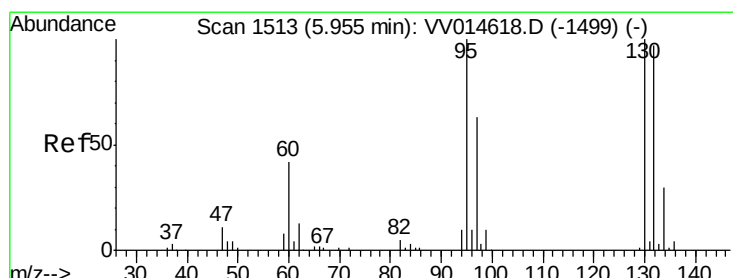
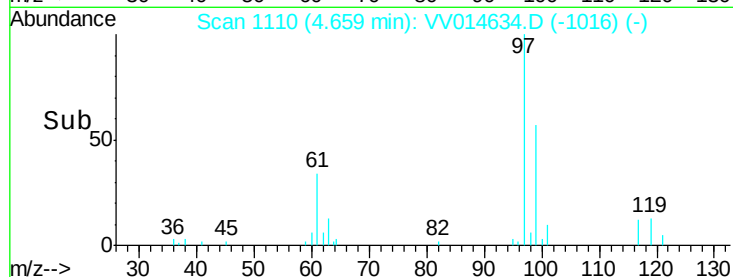
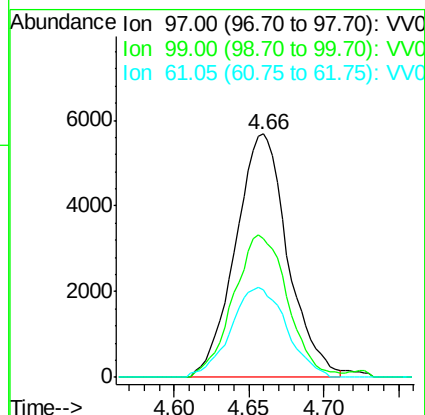
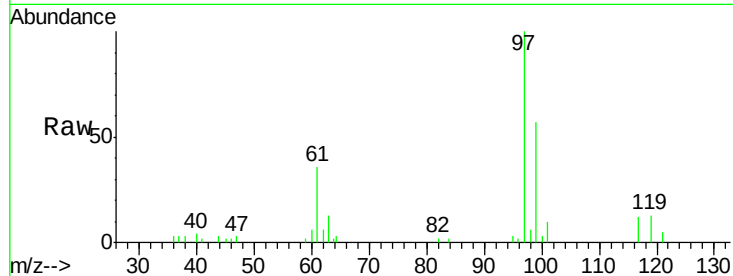




#30
 1,1,1-Trichloroethane
 Concen: 5.122 ug/L
 RT: 4.66 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VV014634.D
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Tot Ion: 97 Resp: 13813
 Ion Ratio Lower Upper
 97 100
 99 60.9 51.2 76.8
 61 39.4 32.4 48.6



#34
 Trichloroethene
 Concen: 196.803 ug/L
 RT: 5.96 min Scan# 1513
 Delta R.T. 0.00 min
 Lab File: VV014634.D
 Acq: 20 Feb 2020 19:20

Tgt Ion: 95 Resp: 345638
 Ion Ratio Lower Upper
 95 100
 97 64.7 45.3 84.1
 132 97.6 69.6 129.2
 130 102.5 74.0 137.4

