

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090418\
 Data File : VV007369.D
 Acq On : 05 Sep 2018 08:45
 Operator : SY/MD
 Sample : J4678-11
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E5FC7

Quant Time: Sep 06 00:48:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 06 00:43:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	540147	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	518914	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	188901	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	161086	41.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.50%
7) Chloroethane-d5	1.57	69	104726	41.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.88%
11) 1,1-Dichloroethene-d2	2.13	63	225230	33.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.28%
21) 2-Butanone-d5	3.96	46	244540	77.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.92%
24) Chloroform-d	4.41	84	342578	42.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.84%
26) 1,2-Dichloroethane-d4	5.09	65	214943	44.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.28%
32) Benzene-d6	5.11	84	682705	43.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.30%
36) 1,2-Dichloropropane-d6	6.12	67	235479	44.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.86%
41) Toluene-d8	7.37	98	552791	41.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.12%
43) trans-1,3-Dichloropropene-	7.67	79	85722	38.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.80%
47) 2-Hexanone-d5	8.14	63	151827	73.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.90%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	292193	40.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.64%
64) 1,2-Dichlorobenzene-d4	11.68	152	200587	49.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.82%

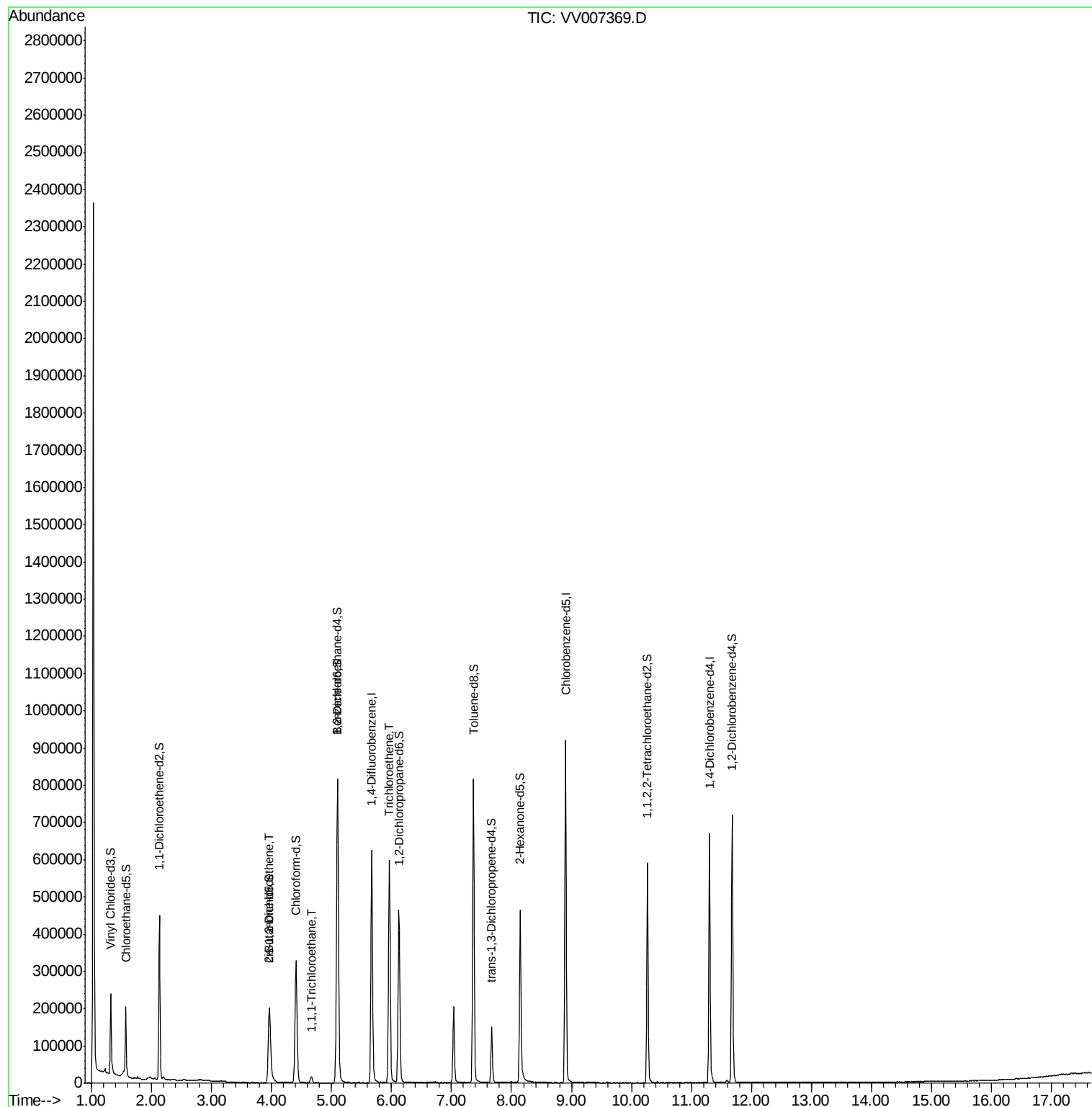
Target Compounds						Ovalue
20) cis-1,2-Dichloroethene	3.97	96	35151	8.20	ug/L	98
30) 1,1,1-Trichloroethane	4.67	97	12335	1.95	ug/L	97
34) Trichloroethene	5.96	95	211016	52.08	ug/L	99

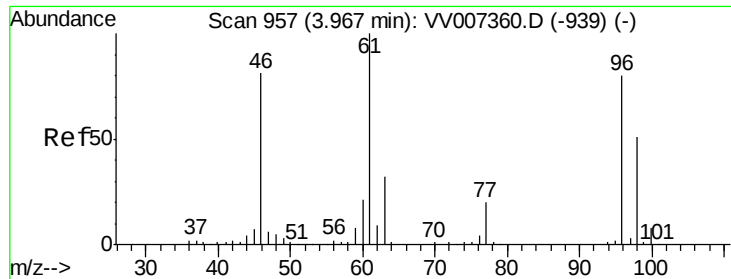
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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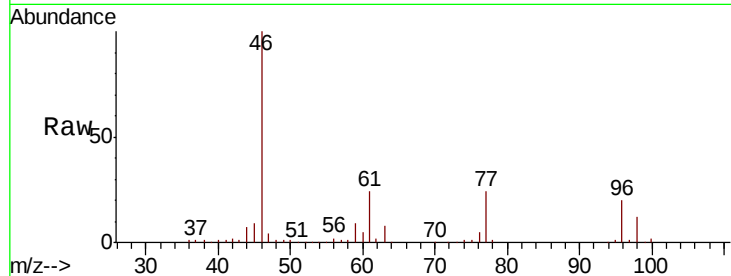




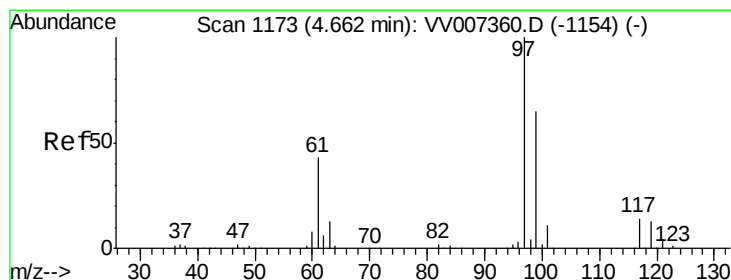
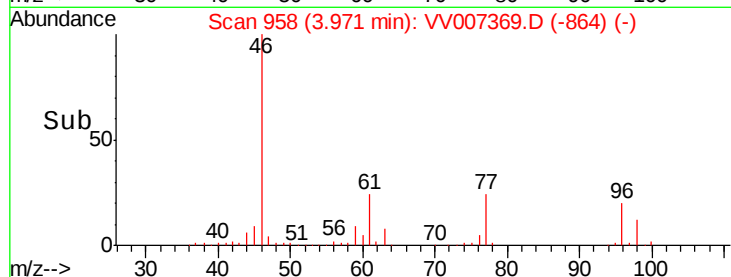
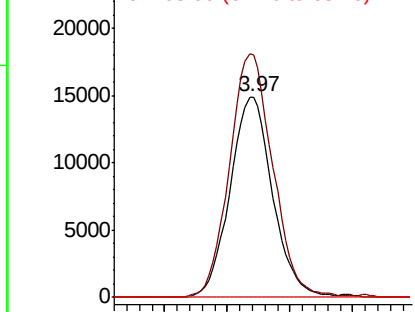
#20
 cis-1,2-Dichloroethene
 Concen: 8.20 ug/L
 RT: 3.97 min Scan# 958
 Delta R.T. 0.00 min
 Lab File: VV007369.D
 Acq: 05 Sep 2018 08:45

Instrument :
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Tot Ion: 96 Resp: 35151
 Ion Ratio Lower Upper
 96 100
 61 121.3 86.8 161.2
 68 0.0 0.0 0.0

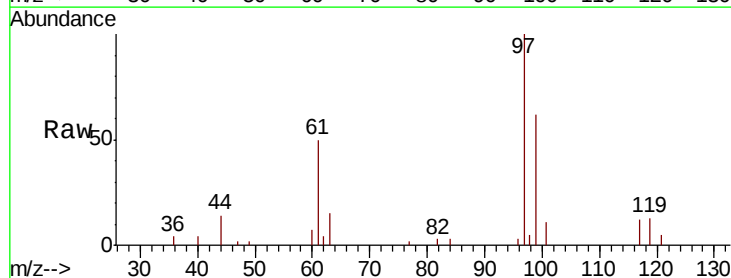


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 68.00 (67.70 to 68.70): VV0

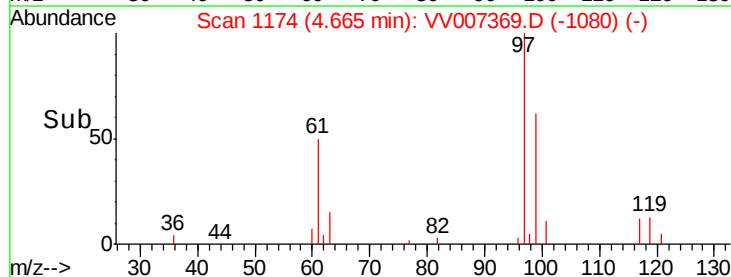
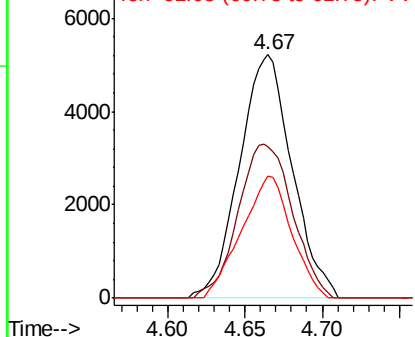


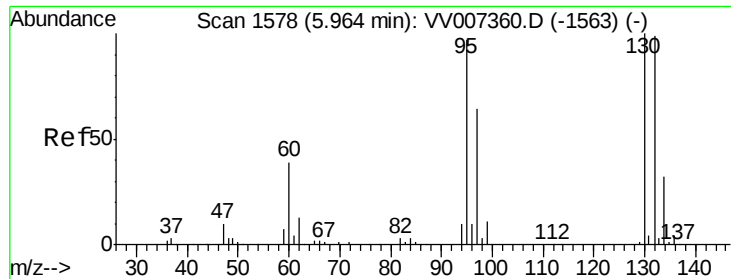
#30
 1,1,1-Trichloroethane
 Concen: 1.95 ug/L
 RT: 4.67 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VV007369.D
 Acq: 05 Sep 2018 08:45

Tgt Ion: 97 Resp: 12335
 Ion Ratio Lower Upper
 97 100
 99 65.5 52.1 78.1
 61 47.7 34.6 51.8



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: 52.08 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VV007369.D

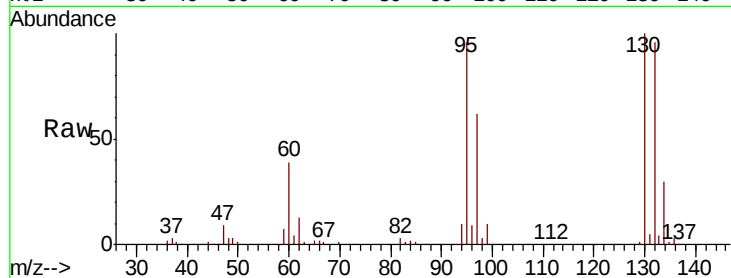
Acq: 05 Sep 2018 08:45

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Tot Ion: 95 Resp: 211016

Ion Ratio Lower Upper

95 100

97 64.7 46.1 85.7

132 100.5 70.8 131.6

130 104.5 73.9 137.3

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): V

Ion 130.00 (129.70 to 130.70): V

