

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092318\
 Data File : VV007800.D
 Acq On : 23 Sep 2018 20:06
 Operator : SY/MD
 Sample : J5011-02
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BE9F9

Quant Time: Sep 24 08:59:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 24 07:19:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	170641	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	161352	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	85677	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39944	43.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.14%
7) Chloroethane-d5	1.59	69	40695	48.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.58%
11) 1,1-Dichloroethene-d2	2.14	63	78467	35.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.78%
21) 2-Butanone-d5	3.95	46	46200	75.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	75.43%
24) Chloroform-d	4.41	84	82082	41.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.68%
26) 1,2-Dichloroethane-d4	5.09	65	61847	48.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.66%
32) Benzene-d6	5.11	84	183138	49.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.76%
36) 1,2-Dichloropropane-d6	6.13	67	53235	48.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.22%
41) Toluene-d8	7.36	98	184479	47.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.20%
43) trans-1,3-Dichloropropene-	7.67	79	23330	42.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.50%
47) 2-Hexanone-d5	8.14	63	38721	80.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.28%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	78645	46.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	84604	48.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.00%

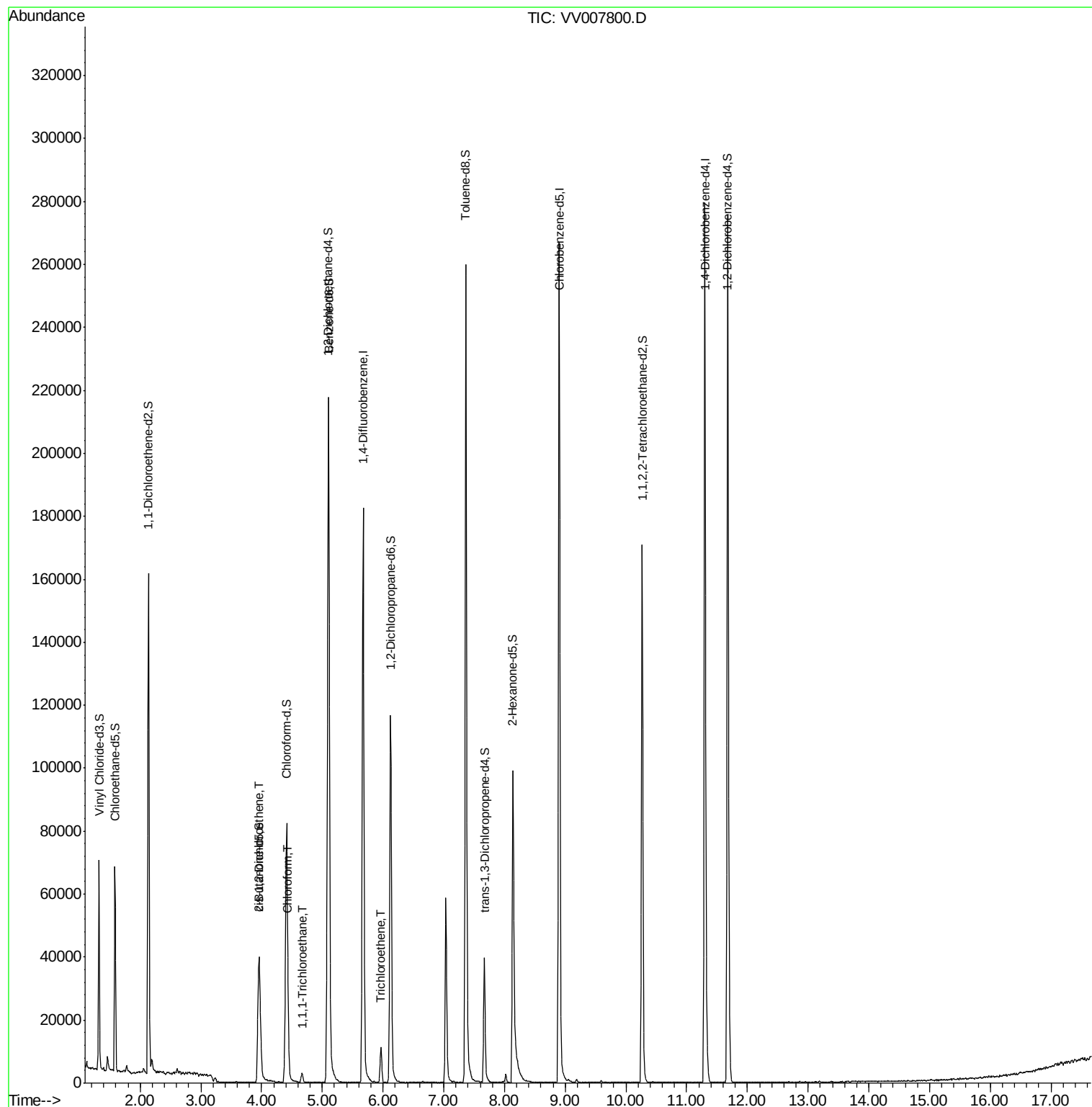
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	3.97	96	7952	6.944 ug/L	95
25) Chloroform	4.44	83	8525	4.458 ug/L	96
30) 1,1,1-Trichloroethane	4.67	97	2636	1.527 ug/L	100
34) Trichloroethene	5.97	95	3576	3.129 ug/L	95

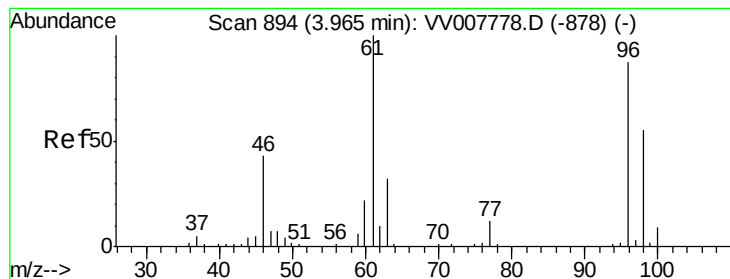
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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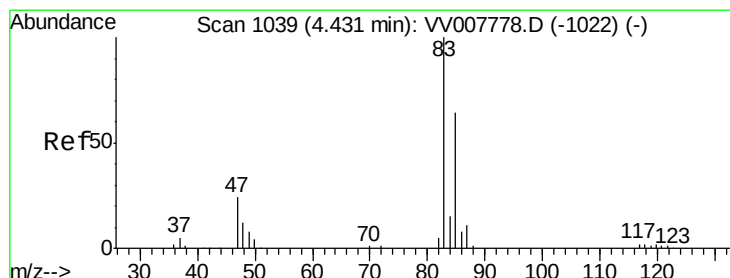
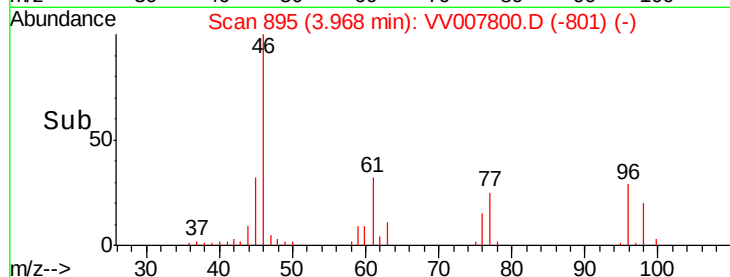
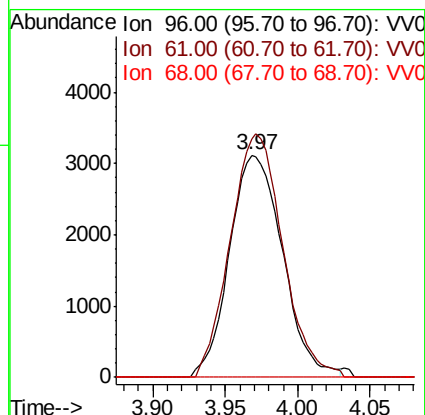
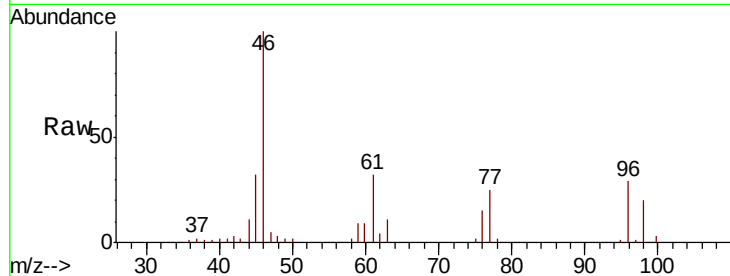


#20

cis-1,2-Dichloroethene
 Concen: 6.944 ug/L
 RT: 3.97 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: VV007800.D
 Acq: 23 Sep 2018 20:06

Instrument :
 MSVOA_V
 ClientSampled :
 BE9F9

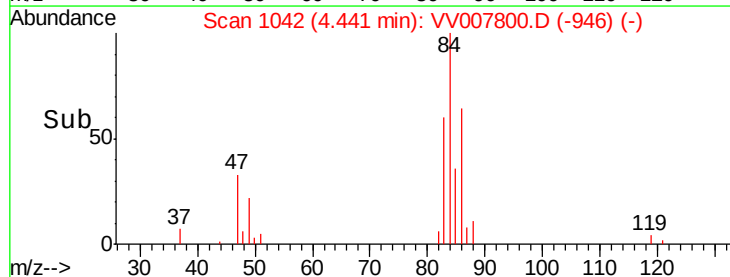
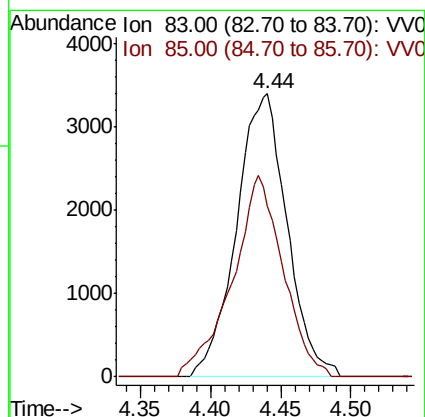
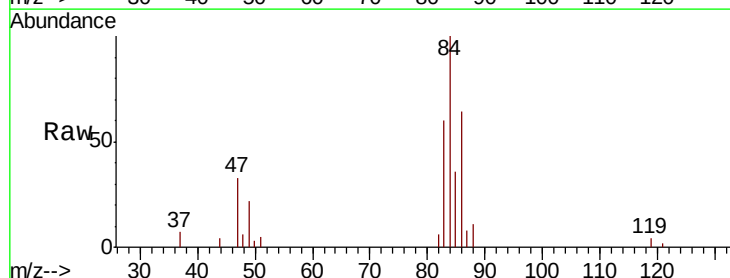
Tot Ion: 96 Resp: 7952
 Ion Ratio Lower Upper
 96 100
 61 107.5 78.8 146.3
 68 0.0 0.0 0.0

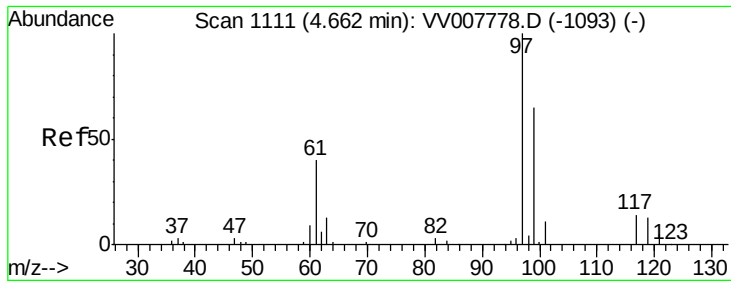


#25

Chloroform
 Concen: 4.458 ug/L
 RT: 4.44 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: VV007800.D
 Acq: 23 Sep 2018 20:06

Tgt Ion: 83 Resp: 8525
 Ion Ratio Lower Upper
 83 100
 85 60.1 44.0 81.8

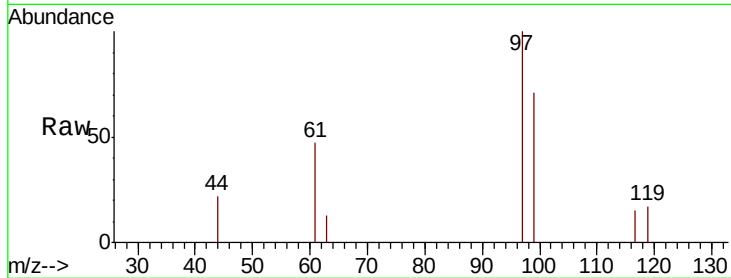




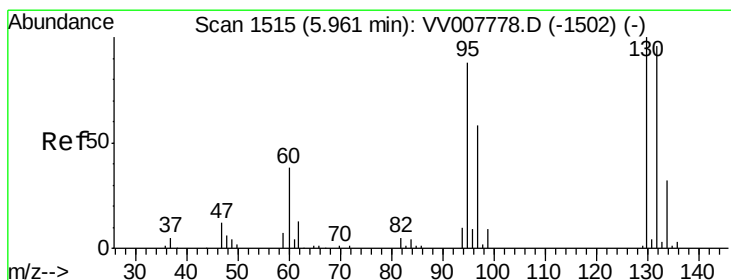
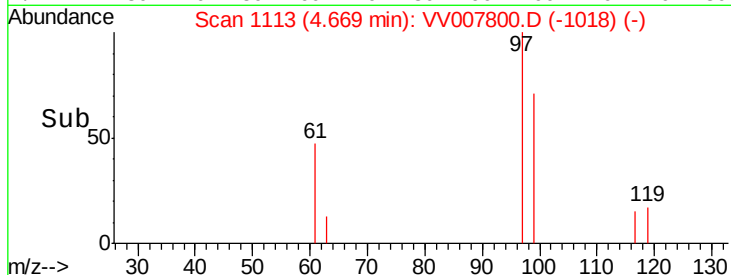
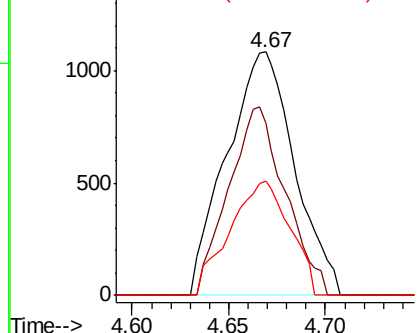
#30
 1,1,1-Trichloroethane
 Concen: 1.527 ug/L
 RT: 4.67 min Scan# 1113
 Delta R.T. 0.01 min
 Lab File: VV007800.D
 Acq: 23 Sep 2018 20:06

Instrument :
 MSVOA_V
 ClientSampled :
 BE9F9

Tot Ion: 97 Resp: 2636
 Ion Ratio Lower Upper
 97 100
 99 64.6 51.8 77.8
 61 41.5 33.0 49.4

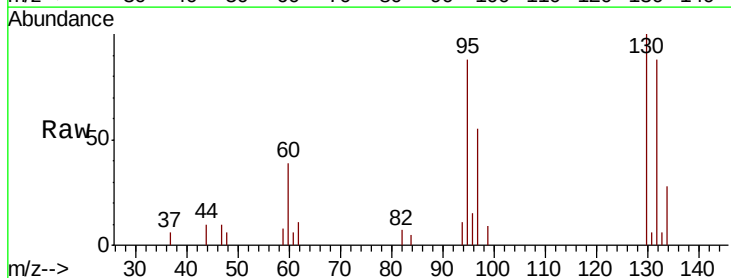


Abundance Ion 97.00 (96.70 to 97.70): VV0
 Ion 99.00 (98.70 to 99.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0



#34
 Trichloroethene
 Concen: 3.129 ug/L
 RT: 5.97 min Scan# 1517
 Delta R.T. 0.01 min
 Lab File: VV007800.D
 Acq: 23 Sep 2018 20:06

Tgt Ion: 95 Resp: 3576
 Ion Ratio Lower Upper
 95 100
 97 62.2 45.2 84.0
 132 100.4 77.7 144.3
 130 114.1 79.7 148.1



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

