

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092418\
 Data File : VV007842.D
 Acq On : 25 Sep 2018 02:00
 Operator : SY/MD
 Sample : J5043-17
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E5FF7

Quant Time: Sep 25 05:20:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 25 04:04:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	192154	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	188419	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	97021	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34018	32.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.14%
7) Chloroethane-d5	1.59	69	37424	39.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.86%
11) 1,1-Dichloroethene-d2	2.14	63	68808	27.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.90%#
21) 2-Butanone-d5	3.95	46	57937	84.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.00%
24) Chloroform-d	4.41	84	84902	37.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.94%
26) 1,2-Dichloroethane-d4	5.09	65	61030	42.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.58%
32) Benzene-d6	5.11	84	171108	39.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.02%
36) 1,2-Dichloropropane-d6	6.13	67	52600	41.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.26%
41) Toluene-d8	7.36	98	170623	37.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.40%#
43) trans-1,3-Dichloropropene-	7.67	79	22107	34.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.56%
47) 2-Hexanone-d5	8.14	63	43214	76.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.73%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	81819	40.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.96%
64) 1,2-Dichlorobenzene-d4	11.68	152	84461	42.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.64%

Target Compounds

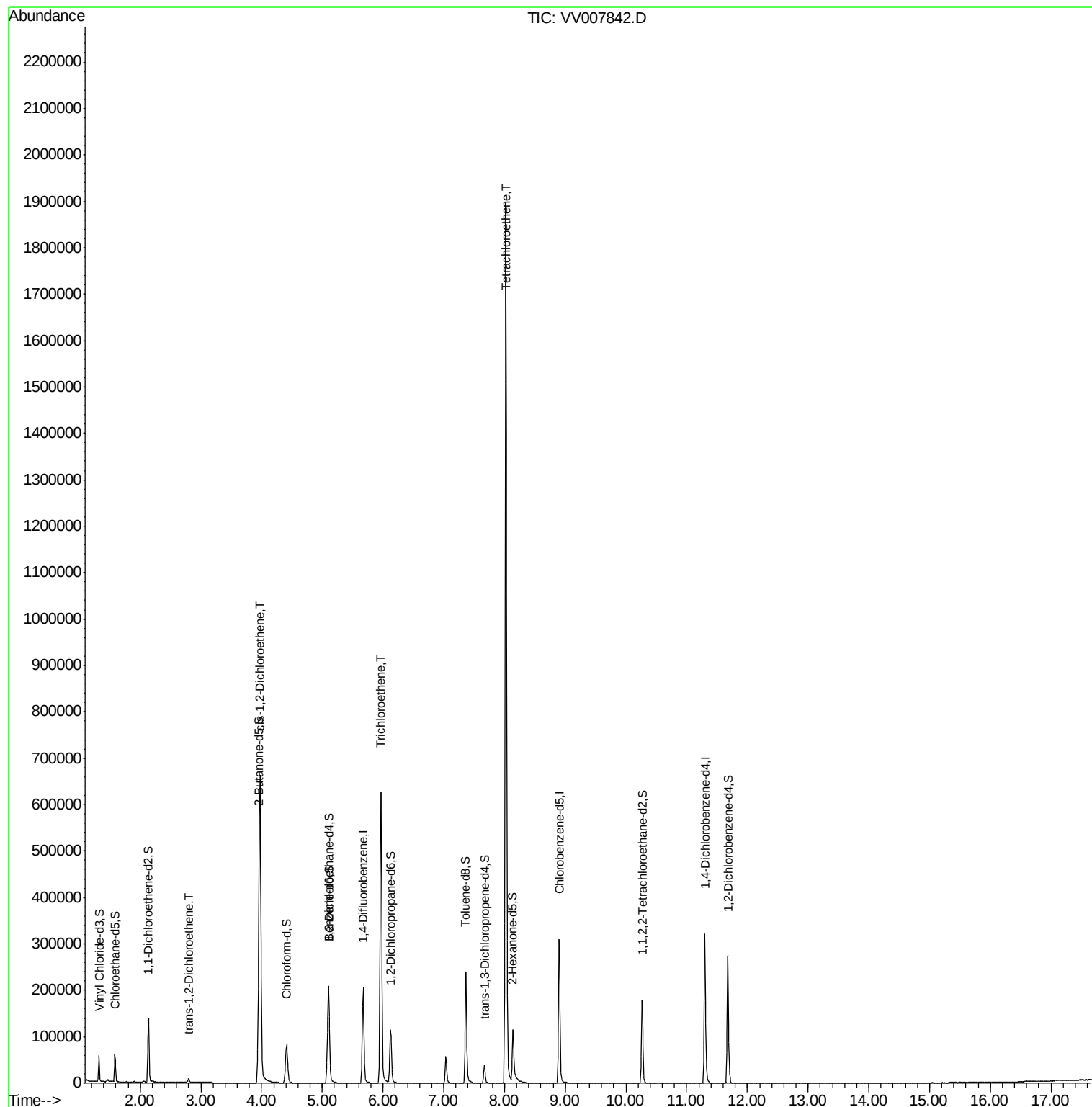
					Ovalue
17) trans-1,2-Dichloroethene	2.79	96	2657	1.848	ug/L 95
20) cis-1,2-Dichloroethene	3.97	96	380052	294.723	ug/L 100
34) Trichloroethene	5.96	95	210039	157.359	ug/L 99
46) Tetrachloroethene	8.02	164	450835	330.014	ug/L 99

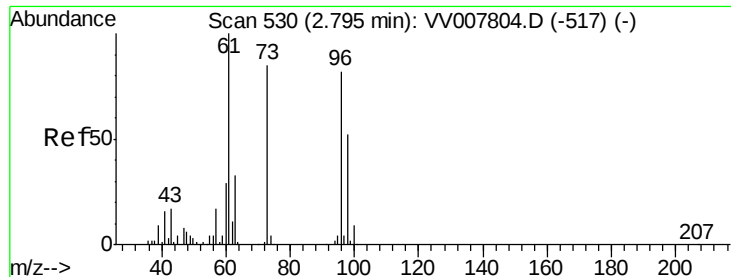
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092418\
Data File : VV007842.D
Acq On : 25 Sep 2018 02:00
Operator : SY/MD
Sample : J5043-17
Misc : 5.0 mL/MSVOA V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E5FF7

Quant Time: Sep 25 05:20:54 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 25 04:04:32 2018
Response via : Initial Calibration

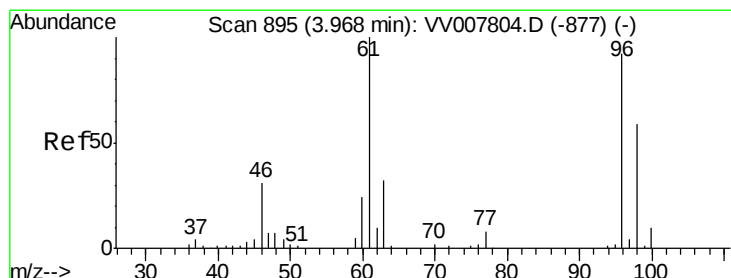
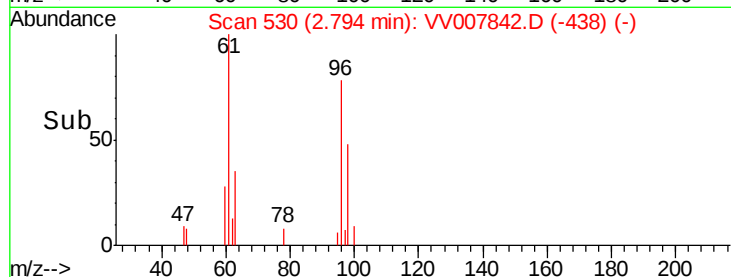
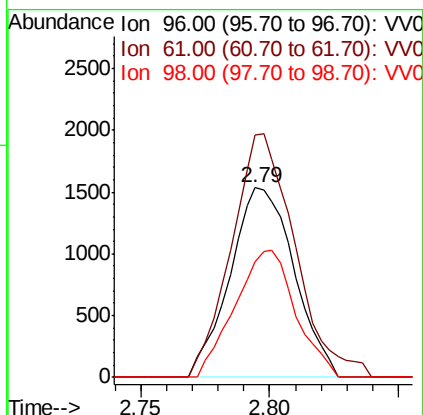
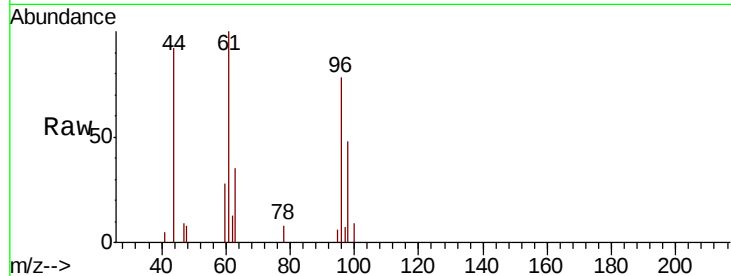




#17
 trans-1,2-Dichloroethene
 Concen: 1.848 ug/L
 RT: 2.79 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: VV007842.D
 Acq: 25 Sep 2018 02:00

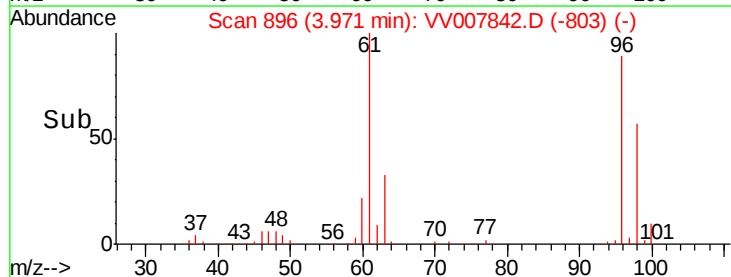
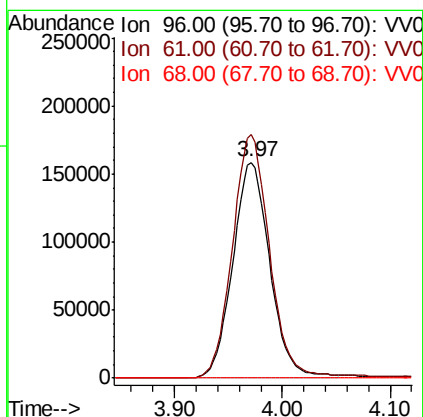
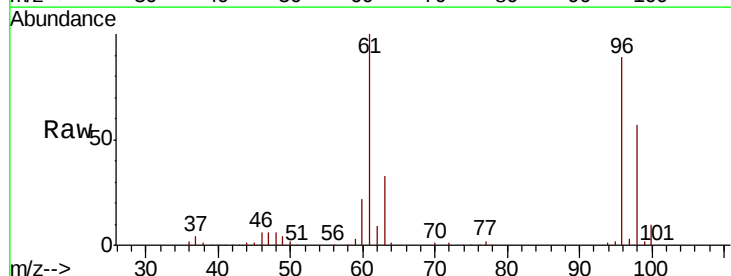
Instrument :
 MSVOA_V
 ClientSampled :
 E5FF7

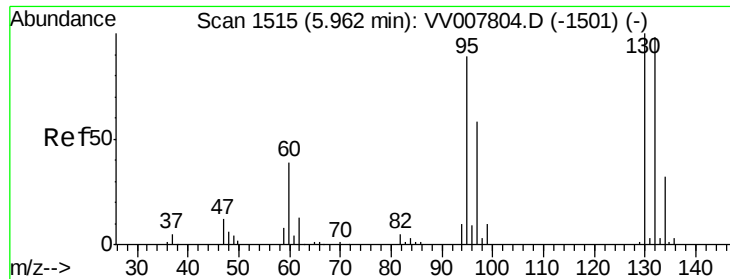
Tot Ion: 96 Resp: 2657
 Ion Ratio Lower Upper
 96 100
 61 127.8 84.9 157.7
 98 61.0 44.6 82.8



#20
 cis-1,2-Dichloroethene
 Concen: 294.723 ug/L
 RT: 3.97 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: VV007842.D
 Acq: 25 Sep 2018 02:00

Tgt Ion: 96 Resp: 380052
 Ion Ratio Lower Upper
 96 100
 61 113.0 78.8 146.3
 68 0.0 0.0 0.0

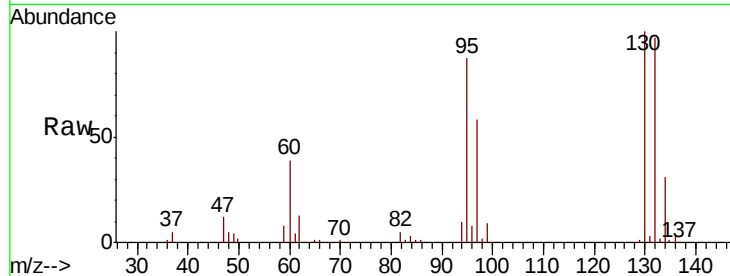




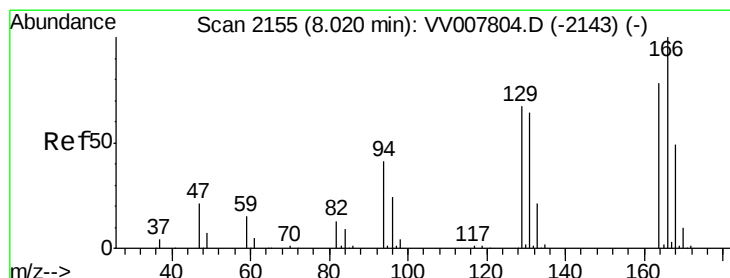
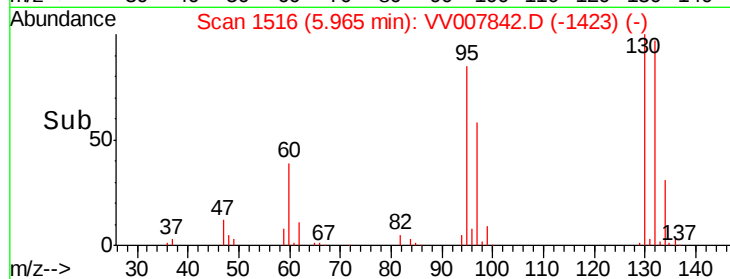
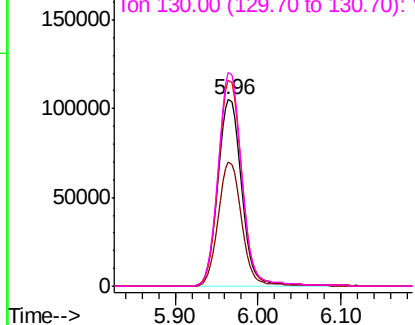
#34
 Trichloroethene
 Concen: 157.359 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: VV007842.D
 Acq: 25 Sep 2018 02:00

Instrument :
 MSVOA_V
 ClientSampleId :
 E5FF7

Tot Ion: 95 Resp: 210039
 Ion Ratio Lower Upper
 95 100
 97 66.3 45.2 84.0
 132 110.6 77.7 144.3
 130 114.4 79.7 148.1

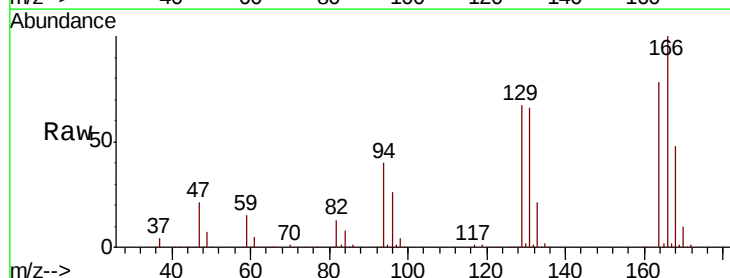


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0



#46
 Tetrachloroethene
 Concen: 330.014 ug/L
 RT: 8.02 min Scan# 2156
 Delta R.T. 0.00 min
 Lab File: VV007842.D
 Acq: 25 Sep 2018 02:00

Tgt Ion: 164 Resp: 450835
 Ion Ratio Lower Upper
 164 100
 129 86.3 61.0 113.4
 131 84.6 57.8 107.4
 166 128.3 89.9 167.0



Abundance Ion 164.00 (163.70 to 164.70): VV0
 Ion 129.00 (128.70 to 129.70): VV0
 Ion 131.00 (130.70 to 131.70): VV0
 Ion 166.00 (165.70 to 166.70): VV0

