

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091620\
 Data File : VV018256.D
 Acq On : 16 Sep 2020 23:42
 Operator : SY/MD
 Sample : L4042-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC1

Quant Time: Sep 17 06:07:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 17 05:33:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	298734	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	291762	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	139730	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	94944	39.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.00%
7) Chloroethane-d5	1.58	69	79661	39.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.98%
11) 1,1-Dichloroethene-d2	2.12	63	144797	32.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.84%
21) 2-Butanone-d5	3.92	46	119213	80.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.00%
24) Chloroform-d	4.38	84	173379	41.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.10%
26) 1,2-Dichloroethane-d4	5.06	65	114643	42.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.68%
32) Benzene-d6	5.08	84	344466	41.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.48%
36) 1,2-Dichloropropane-d6	6.09	67	112197	42.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.56%
41) Toluene-d8	7.34	98	309754	40.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.38%
43) trans-1,3-Dichloropropene-	7.64	79	52288	38.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.54%
47) 2-Hexanone-d5	8.11	63	87801	87.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.34%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	145716	43.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.50%
64) 1,2-Dichlorobenzene-d4	11.65	152	130355	45.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.86%

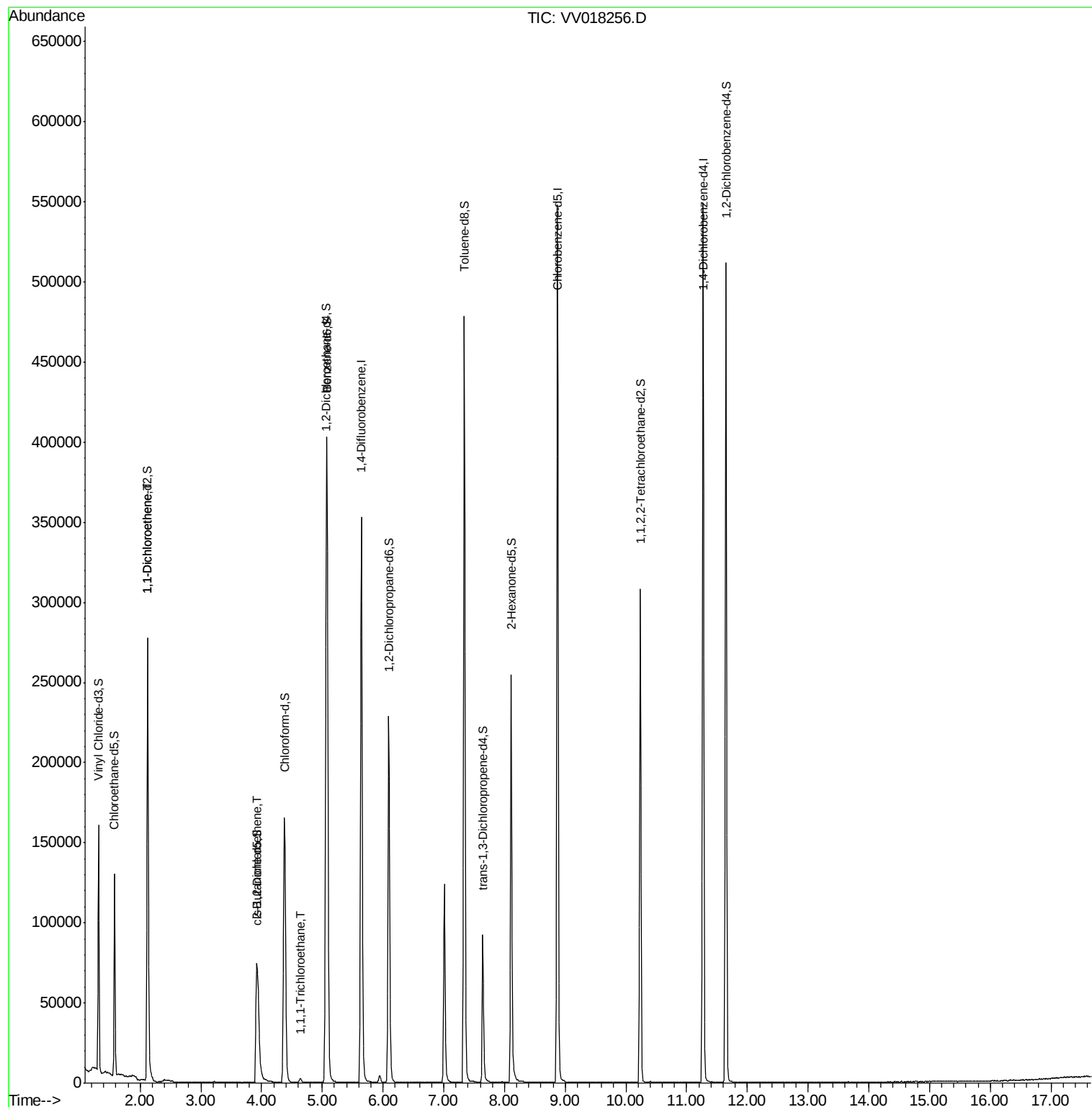
Target Compounds					Ovalue
12) 1,1-Dichloroethene	2.13	96	11801	6.016 ug/L #	1
20) cis-1,2-Dichloroethene	3.94	96	10598	4.904 ug/L	97
30) 1,1,1-Trichloroethane	4.64	97	2511	0.742 ug/L #	90

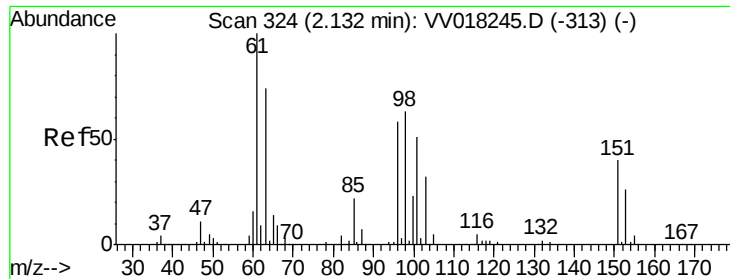
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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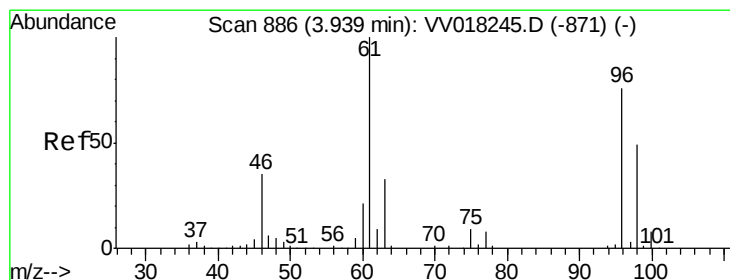
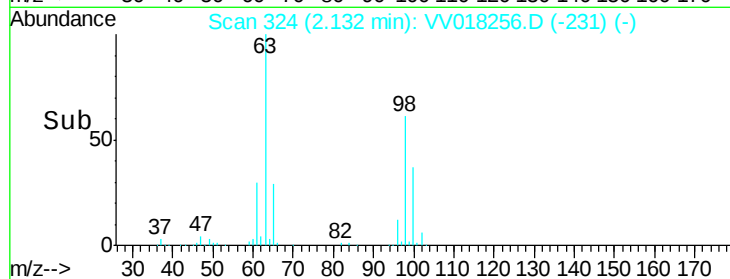
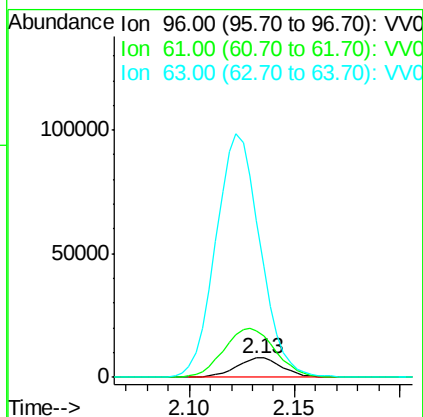
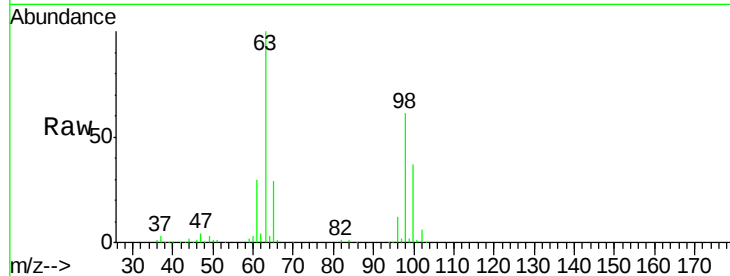




#12
 1,1-Dichloroethene
 Concen: 6.016 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. -0.00 min
 Lab File: VV018256.D
 Acq: 16 Sep 2020 23:42

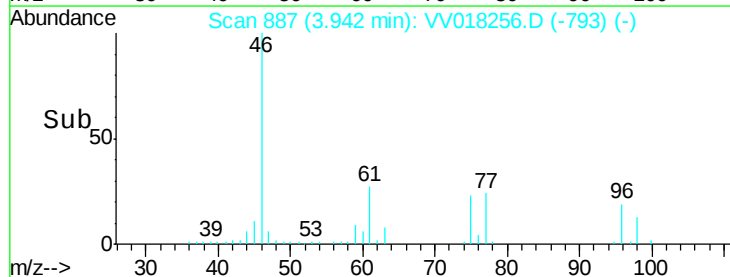
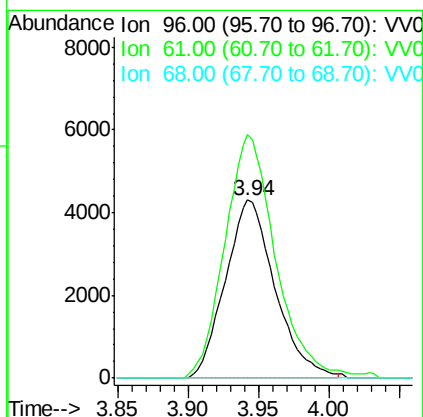
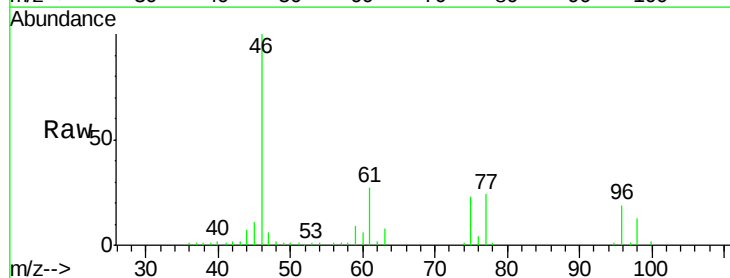
Instrument :
 MSVOA_V
 ClientSampled :
 C0AC1

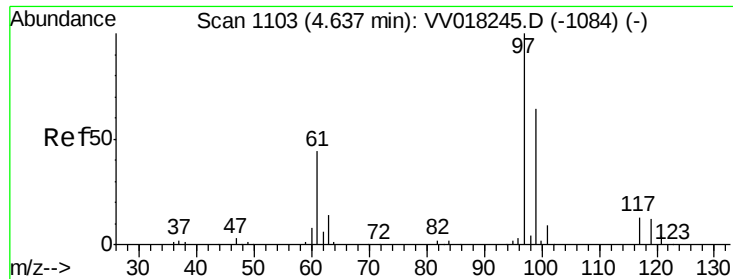
Tot Ion: 96 Resp: 11801
 Ion Ratio Lower Upper
 96 100
 61 243.1 122.9 228.3#
 63 809.1 91.9 170.7#



#20
 cis-1,2-Dichloroethene
 Concen: 4.904 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.00 min
 Lab File: VV018256.D
 Acq: 16 Sep 2020 23:42

Tgt Ion: 96 Resp: 10598
 Ion Ratio Lower Upper
 96 100
 61 136.9 93.6 173.8
 68 0.0 0.0 0.0





#30

1,1,1-Trichloroethane

Concen: 0.742 ug/L

RT: 4.64 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VV018256.D

Acq: 16 Sep 2020 23:42

Instrument :

MSVOA_V

ClientSampleId :

C0AC1

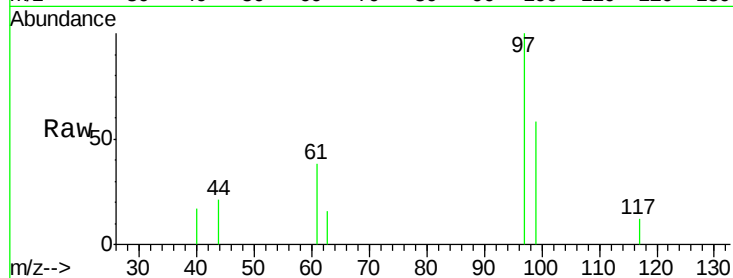
Tot Ion: 97 Resp: 2511

Ion Ratio Lower Upper

97 100

99 63.6 51.6 77.4

61 29.4 34.9 52.3#



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

