

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061419\
 Data File : VV011510.D
 Acq On : 15 Jun 2019 00:29
 Operator : SY/MD
 Sample : K3313-16DL 5X
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COM07DL

Quant Time: Jun 15 02:52:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 15 01:30:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	177246	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	158816	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	62179	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	62305	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.58	69	43275	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.12	63	102161	4.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.20%
20) 2-Butanone-d5	3.96	46	200330	53.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.40%
24) Chloroform-d	4.40	84	127118	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.08	65	74413	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.09	84	251623	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
36) 1,2-Dichloropropane-d6	6.12	67	79771	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.00%
41) Toluene-d8	7.36	98	211255	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
43) trans-1,3-Dichloropropene-	7.66	79	23763	4.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.00%
46) 2-Hexanone-d5	8.14	63	156564	54.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.42%
57) 1,1,1,2,2-Tetrachloroethane-	10.26	84	55283	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	68404	5.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.20%

Target Compounds

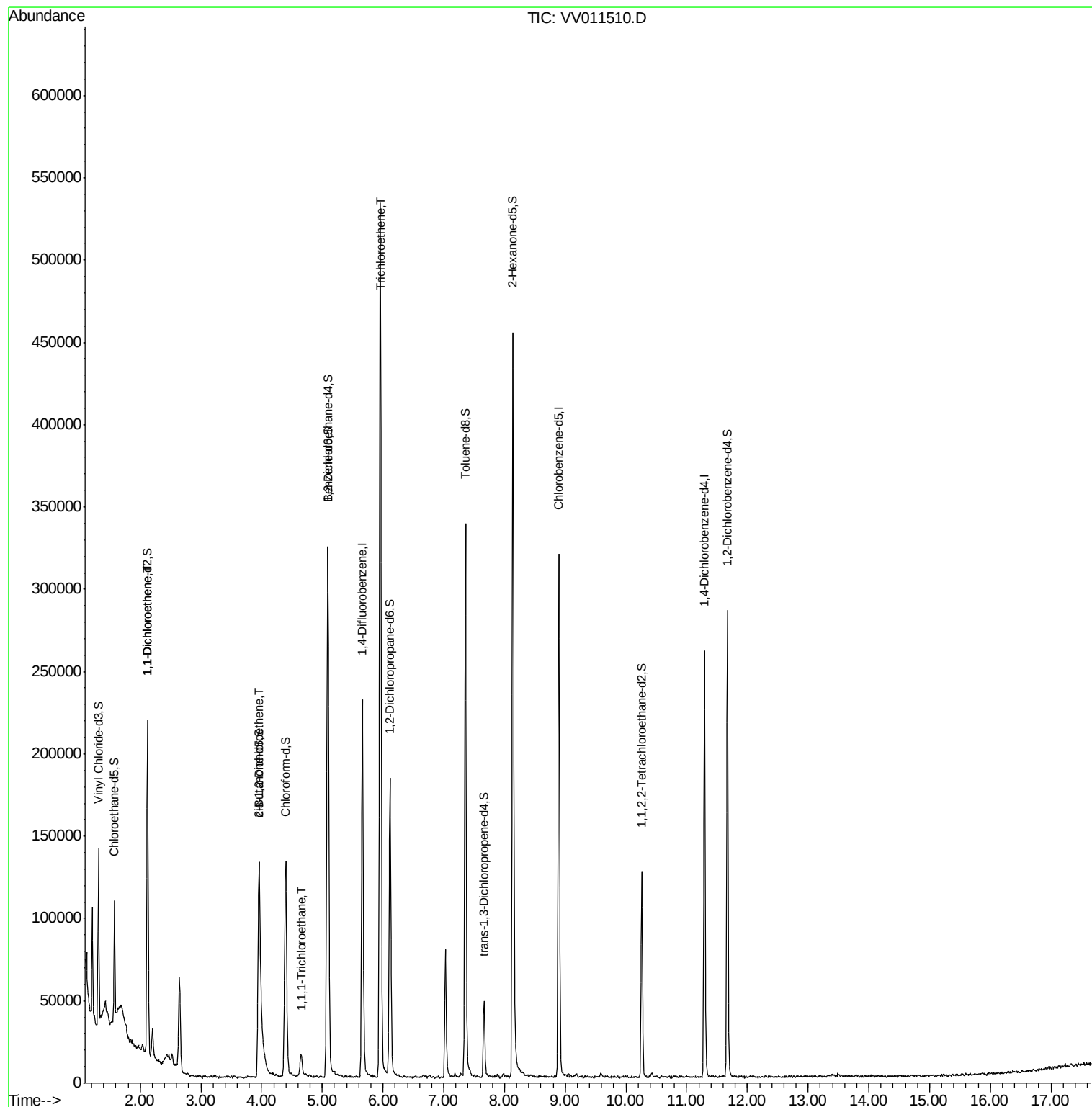
					Ovalue
12) 1,1-Dichloroethene	2.13	96	11468	1.040 ug/L	# 1
22) cis-1,2-Dichloroethene	3.96	96	15041	1.065 ug/L	91
29) 1,1,1-Trichloroethane	4.65	97	9145	0.463 ug/L	96
34) Trichloroethene	5.96	95	177104	13.388 ug/L	98

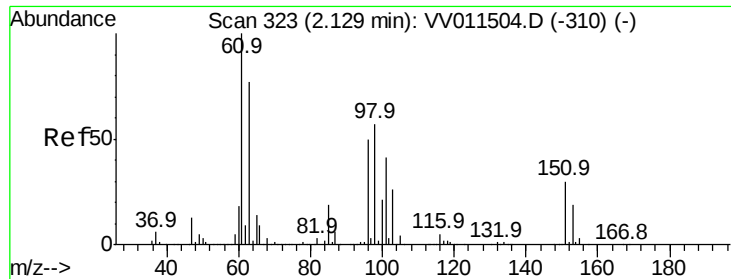
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.040 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV011510.D

Acq: 15 Jun 2019 00:29

Instrument :

MSVOA_V

ClientSampleId :

COM07DL

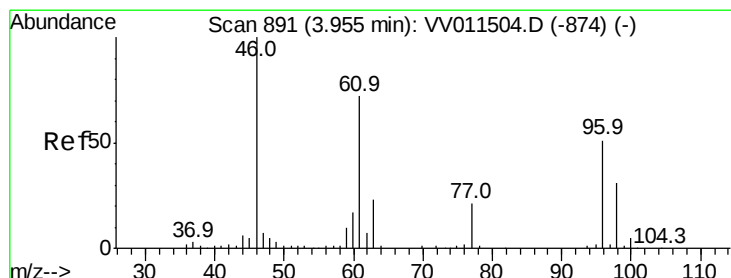
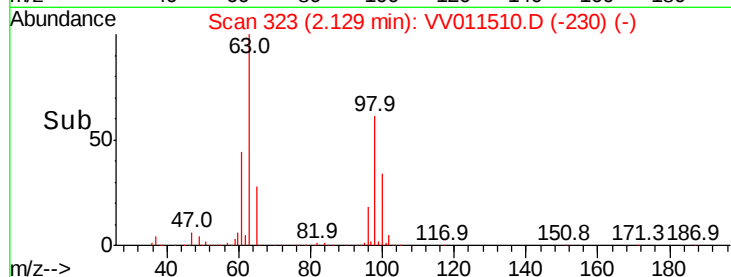
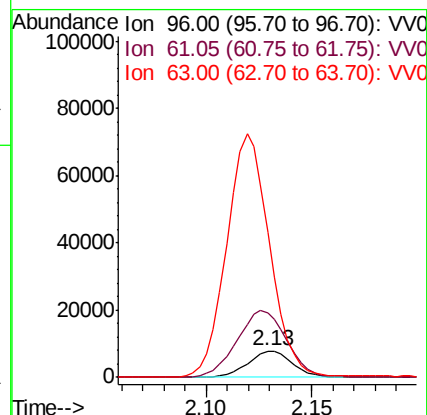
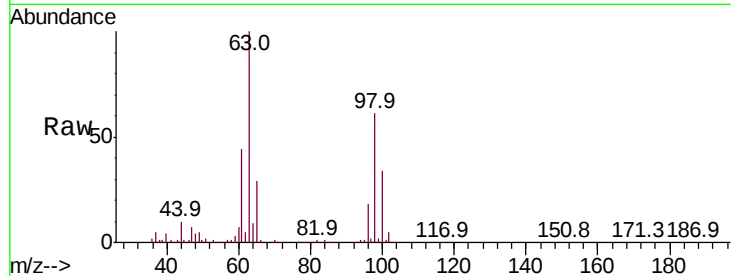
Tot Ion: 96 Resp: 11468

Ion Ratio Lower Upper

96 100

61 245.5 135.9 252.5

63 553.5 86.2 160.2#



#22

cis-1,2-Dichloroethene

Concen: 1.065 ug/L

RT: 3.96 min Scan# 891

Delta R.T. -0.00 min

Lab File: VV011510.D

Acq: 15 Jun 2019 00:29

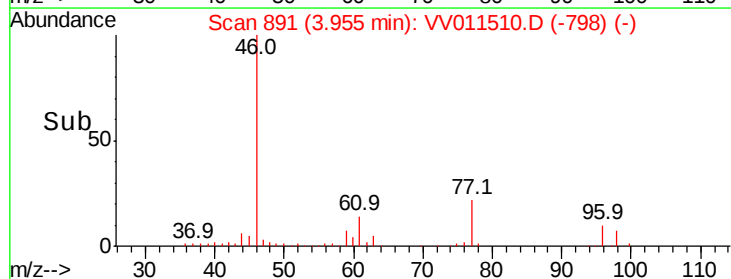
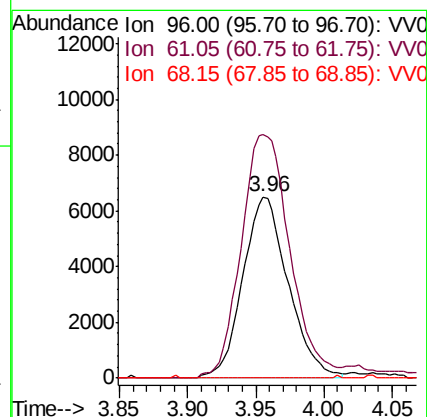
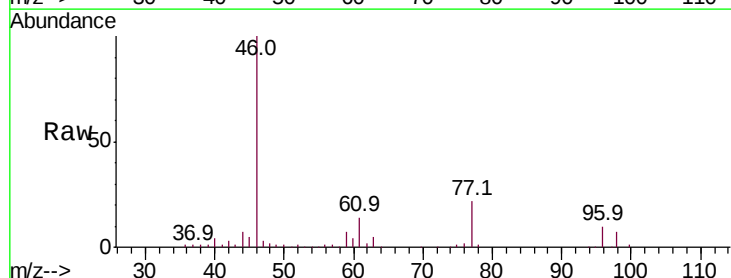
Tgt Ion: 96 Resp: 15041

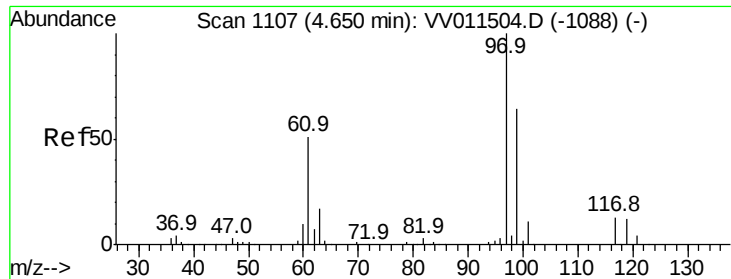
Ion Ratio Lower Upper

96 100

61 134.2 102.2 189.8

68 0.0 0.0 0.0





#29

1,1,1-Trichloroethane

Concen: 0.463 ug/L

RT: 4.65 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VV011510.D

Acq: 15 Jun 2019 00:29

Instrument :

MSVOA_V

ClientSampleId :

COM07DL

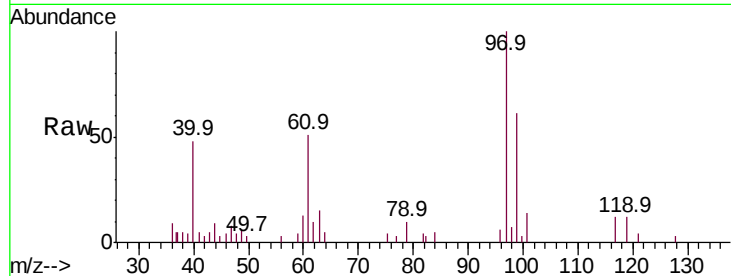
Tot Ion: 97 Resp: 9145

Ion Ratio Lower Upper

97 100

99 64.3 51.6 77.4

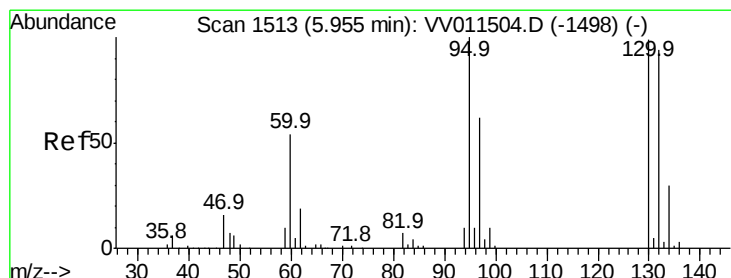
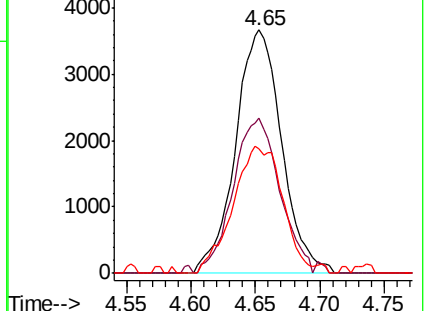
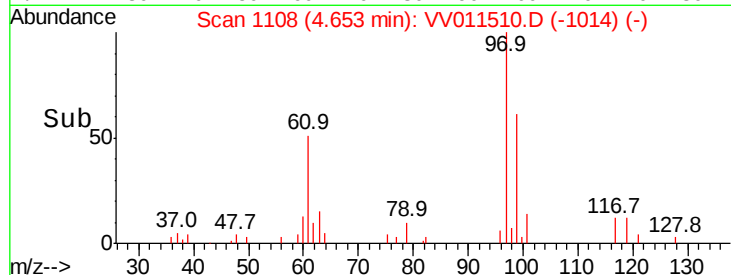
61 56.0 40.4 60.6



Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 61.05 (60.75 to 61.75): VV0



#34

Trichloroethene

Concen: 13.388 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV011510.D

Acq: 15 Jun 2019 00:29

Tgt Ion: 95 Resp: 177104

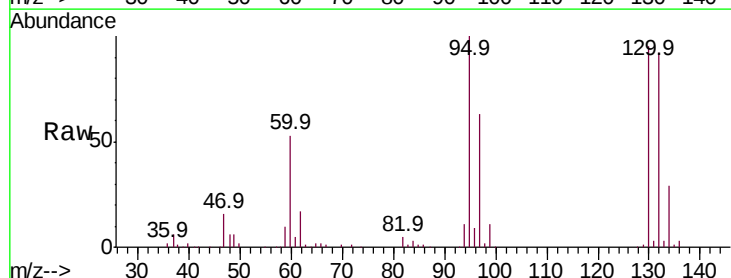
Ion Ratio Lower Upper

95 100

97 62.5 44.4 82.4

132 91.9 63.5 117.9

130 95.4 68.5 127.3



Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

