

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061919\
 Data File : VV011607.D
 Acq On : 19 Jun 2019 06:21
 Operator : SY/MD
 Sample : K3381-01
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCK8

Quant Time: Jun 19 11:33:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 19 07:50:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	160169	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	143965	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	54540	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41387	3.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.40%
7) Chloroethane-d5	1.56	69	30345	3.96	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.20%
11) 1,1-Dichloroethene-d2	2.12	63	64599	2.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.20%#
20) 2-Butanone-d5	3.95	46	165007	48.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.98%
24) Chloroform-d	4.40	84	95581	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
26) 1,2-Dichloroethane-d4	5.08	65	59237	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.09	84	183149	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
36) 1,2-Dichloropropane-d6	6.12	67	61523	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.20%
41) Toluene-d8	7.36	98	145902	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.20%
43) trans-1,3-Dichloropropene-	7.66	79	14168	3.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.40%
46) 2-Hexanone-d5	8.14	63	114664	43.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.60%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	44399	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	48046	4.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.20%

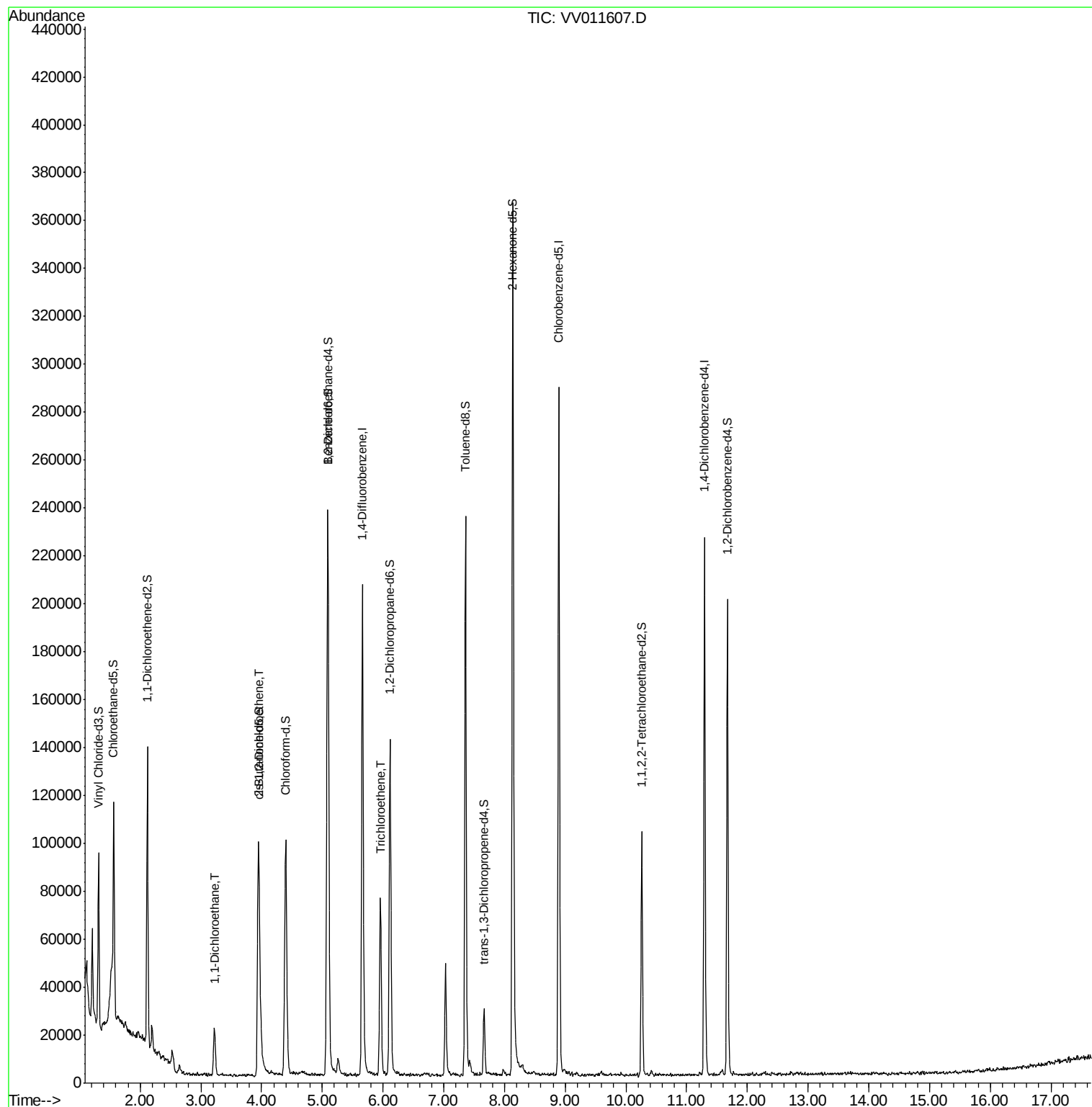
Target Compounds					Ovalue
19) 1,1-Dichloroethane	3.22	63	18573	0.797 ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	2525	0.198 ug/L	93
34) Trichloroethene	5.96	95	24572	2.049 ug/L	99

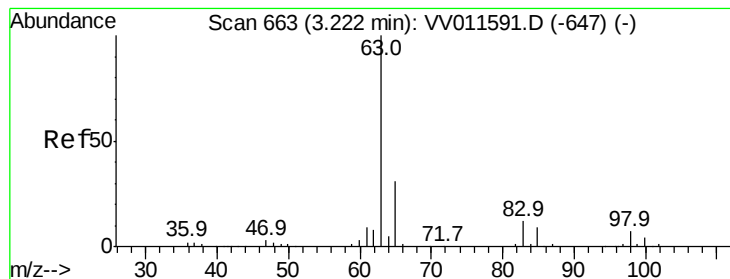
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 19 07:50:26 2019
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#19

1,1-Dichloroethane

Concen: 0.797 ug/L

RT: 3.22 min Scan# 663

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

BFCk8

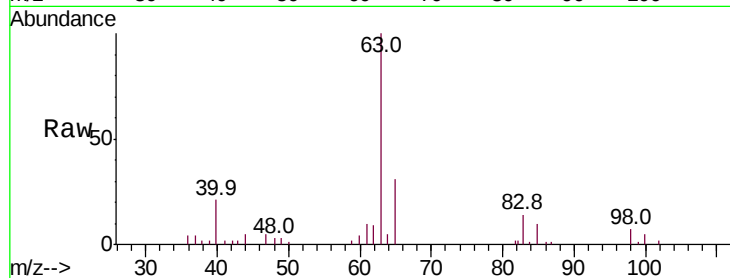
Tot Ion: 63 Resp: 18573

Ion Ratio Lower Upper

63 100

65 30.6 22.5 41.9

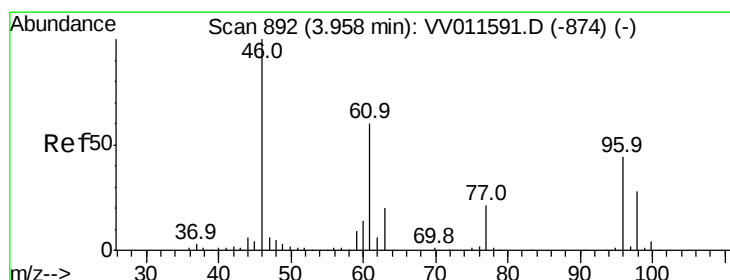
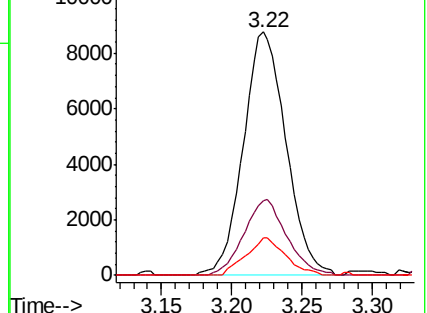
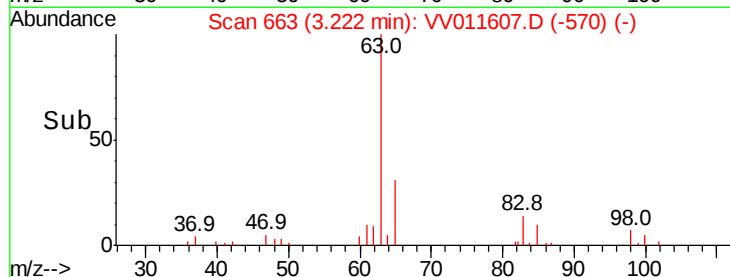
83 15.2 10.1 18.9



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 65.10 (64.80 to 65.80): VV0

Ion 83.05 (82.75 to 83.75): VV0



#22

cis-1,2-Dichloroethene

Concen: 0.198 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.01 min

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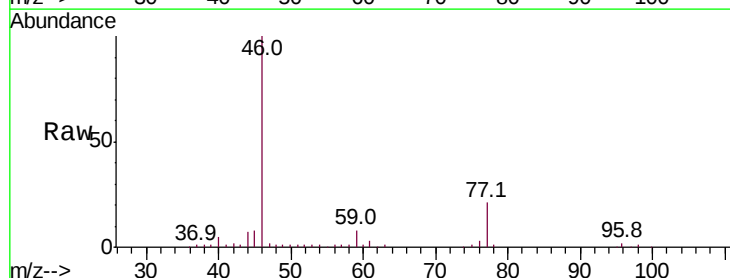
Tgt Ion: 96 Resp: 2525

Ion Ratio Lower Upper

96 100

61 137.1 102.2 189.8

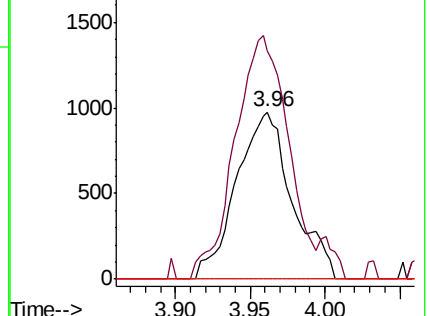
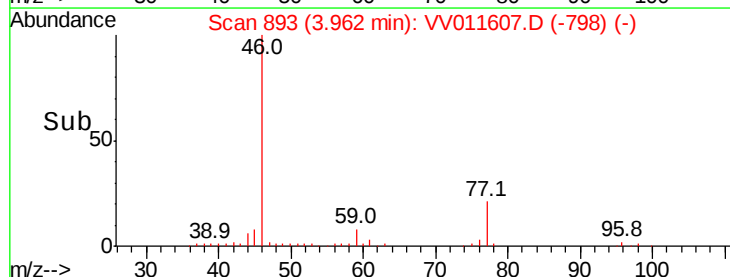
68 0.0 0.0 0.0

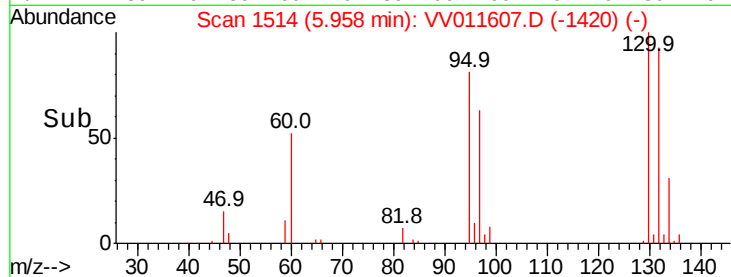
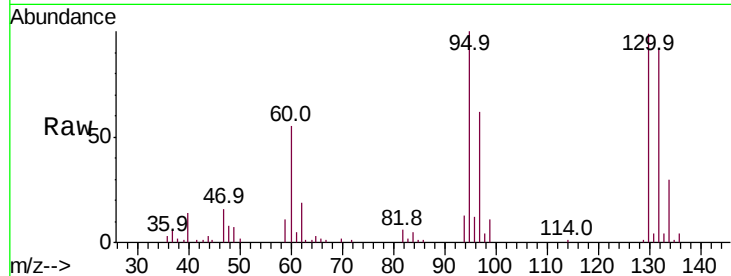
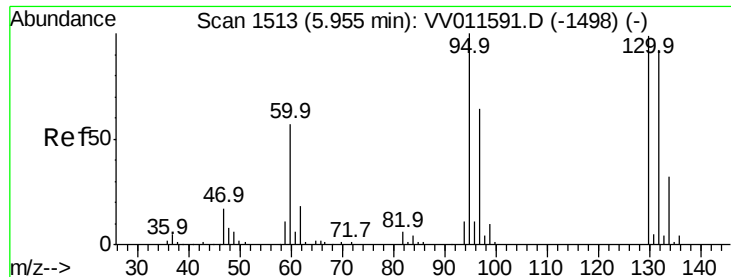


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0





#34

Trichloroethene

Concen: 2.049 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

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Tot Ion: 95 Resp: 24572

Ion Ratio Lower Upper

95 100

97 62.0 44.4 82.4

132 91.8 63.5 117.9

130 98.6 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

