

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112619\
 Data File : VV013796.D
 Acq On : 26 Nov 2019 19:16
 Operator : SY/MD
 Sample : K6004-02DL 10X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 B0AE0DL

Quant Time: Nov 27 03:57:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 27 03:09:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	338001	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	330863	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	139860	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	77162	3.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.80%
7) Chloroethane-d5	1.58	69	79739	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.13	63	117684	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	3.96	46	239539	55.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.16%
24) Chloroform-d	4.40	84	193951	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.08	65	103646	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.09	84	361880	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	6.11	67	116533	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.36	98	294454	3.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.60%
43) trans-1,3-Dichloropropene-	7.66	79	38948	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
46) 2-Hexanone-d5	8.14	63	183214	50.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.32%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	91810	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	126051	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

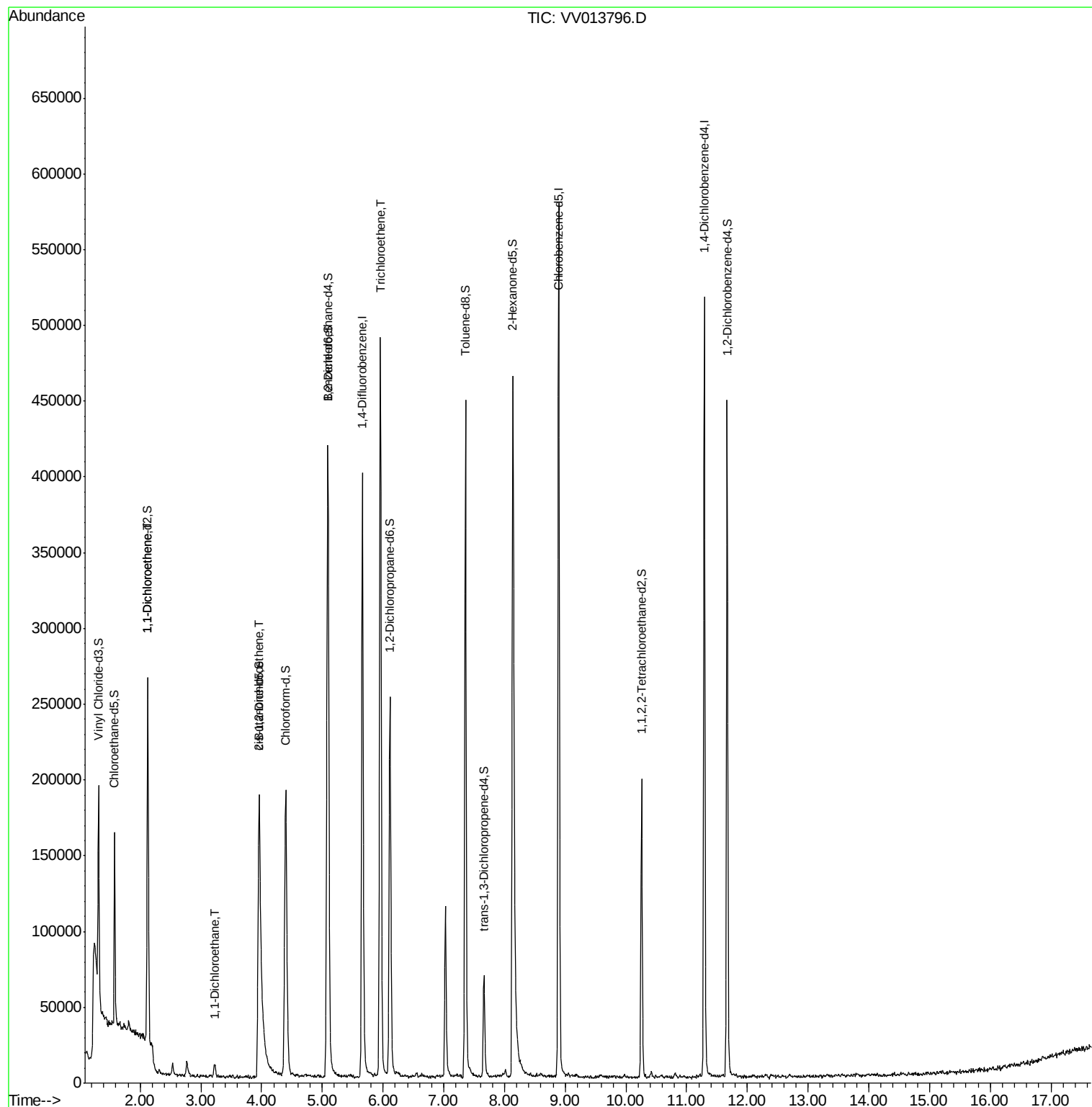
					Ovalue
12) 1,1-Dichloroethene	2.14	96	15075	0.928 ug/L	# 1
19) 1,1-Dichloroethane	3.23	63	7954	0.217 ug/L	94
22) cis-1,2-Dichloroethene	3.96	96	54639	2.539 ug/L	100
34) Trichloroethene	5.96	95	164782	7.360 ug/L	97

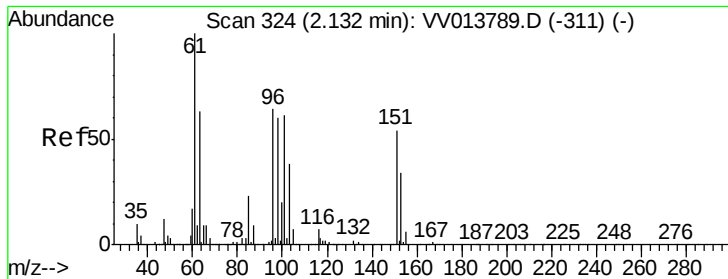
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.928 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

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ClientSampleId :

B0AE0DL

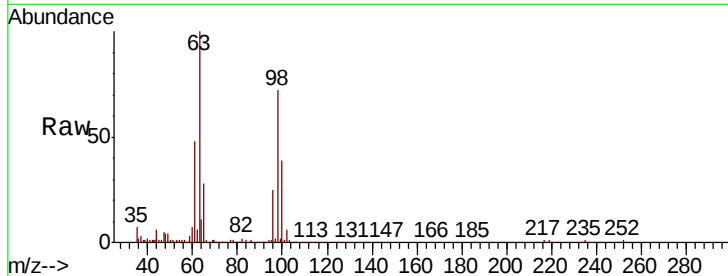
Tot Ion: 96 Resp: 15075

Ion Ratio Lower Upper

96 100

61 194.9 116.3 215.9

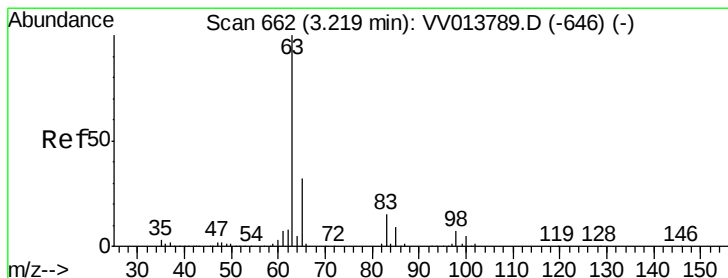
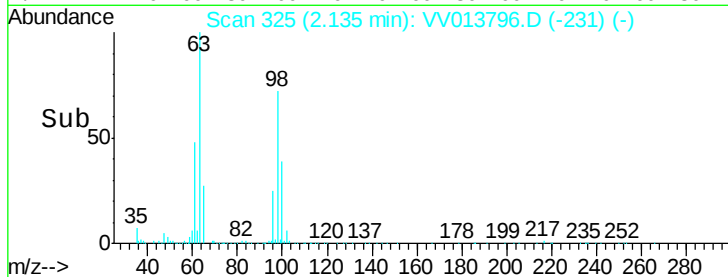
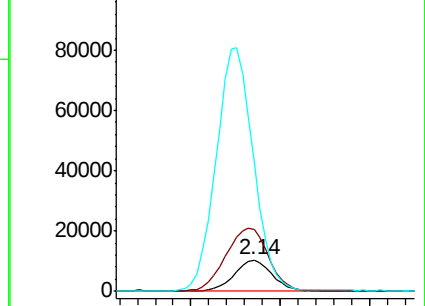
63 403.9 96.7 179.7#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0



#19

1,1-Dichloroethane

Concen: 0.217 ug/L

RT: 3.23 min Scan# 664

Delta R.T. 0.01 min

Lab File: VV013796.D

Acq: 26 Nov 2019 19:16

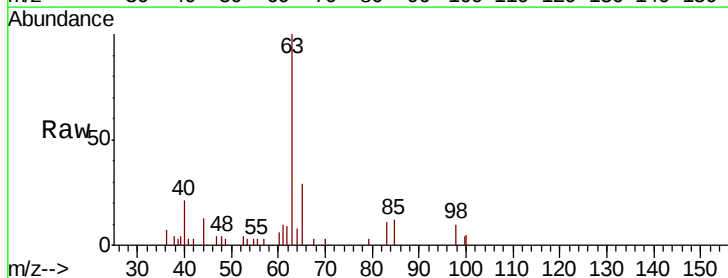
Tgt Ion: 63 Resp: 7954

Ion Ratio Lower Upper

63 100

65 29.4 22.7 42.1

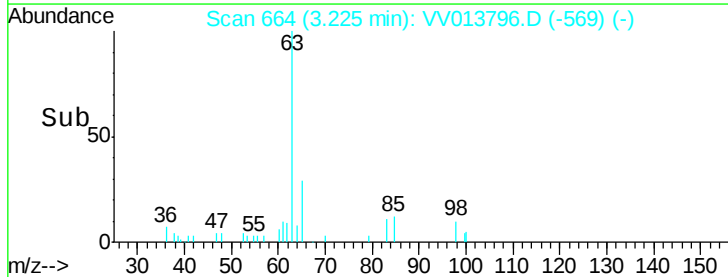
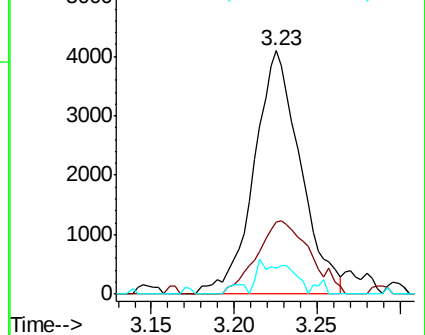
83 10.7 9.2 17.2

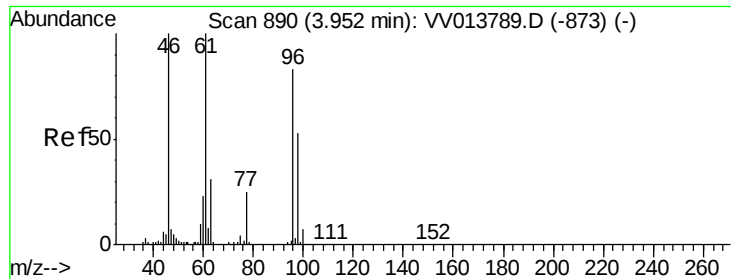


Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 65.10 (64.80 to 65.80): VV0

Ion 83.05 (82.75 to 83.75): VV0



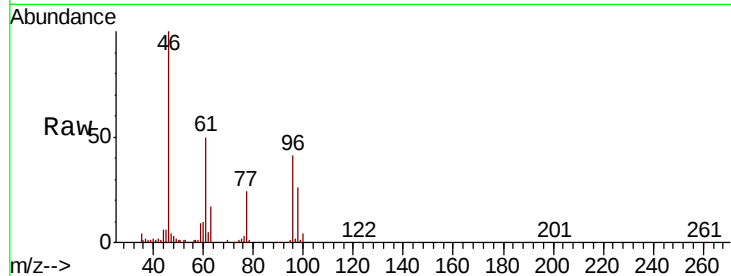


#22

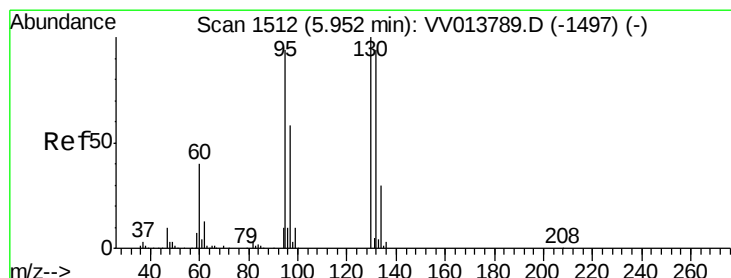
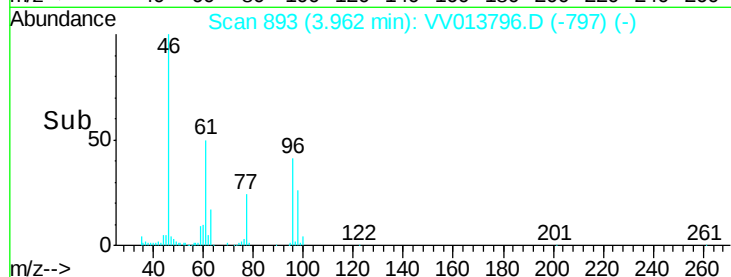
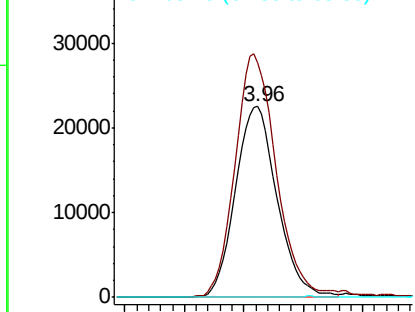
cis-1,2-Dichloroethene
Concen: 2.539 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.01 min
Lab File: VV013796.D
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Tot Ion: 96 Resp: 54639
Ion Ratio Lower Upper
96 100
61 122.7 86.1 159.9
68 0.0 0.0 0.0



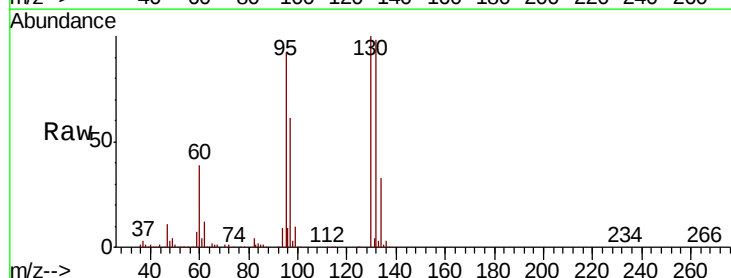
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



#34

Trichloroethene
Concen: 7.360 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV013796.D
Acq: 26 Nov 2019 19:16

Tgt Ion: 95 Resp: 164782
Ion Ratio Lower Upper
95 100
97 66.8 45.6 84.8
132 106.5 70.5 130.9
130 108.7 75.9 140.9



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): VV0
Ion 129.95 (129.65 to 130.65): VV0

