

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111819\
 Data File : VV013663.D
 Acq On : 18 Nov 2019 17:47
 Operator : SY/MD
 Sample : K5910-06
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQJ1

Quant Time: Nov 19 06:18:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 19 04:25:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	344063	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	350719	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	150487	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	102494	4.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.40%
7) Chloroethane-d5	1.58	69	98279	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.60%
11) 1,1-Dichloroethene-d2	2.13	63	147024	3.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.20%
20) 2-Butanone-d5	3.92	46	255700	52.02	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.04%
24) Chloroform-d	4.40	84	230130	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.08	65	116797	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.10	84	457807	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.11	67	142806	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.36	98	391060	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	7.66	79	47975	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.13	63	179621	42.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.38%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	94498	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	154935	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

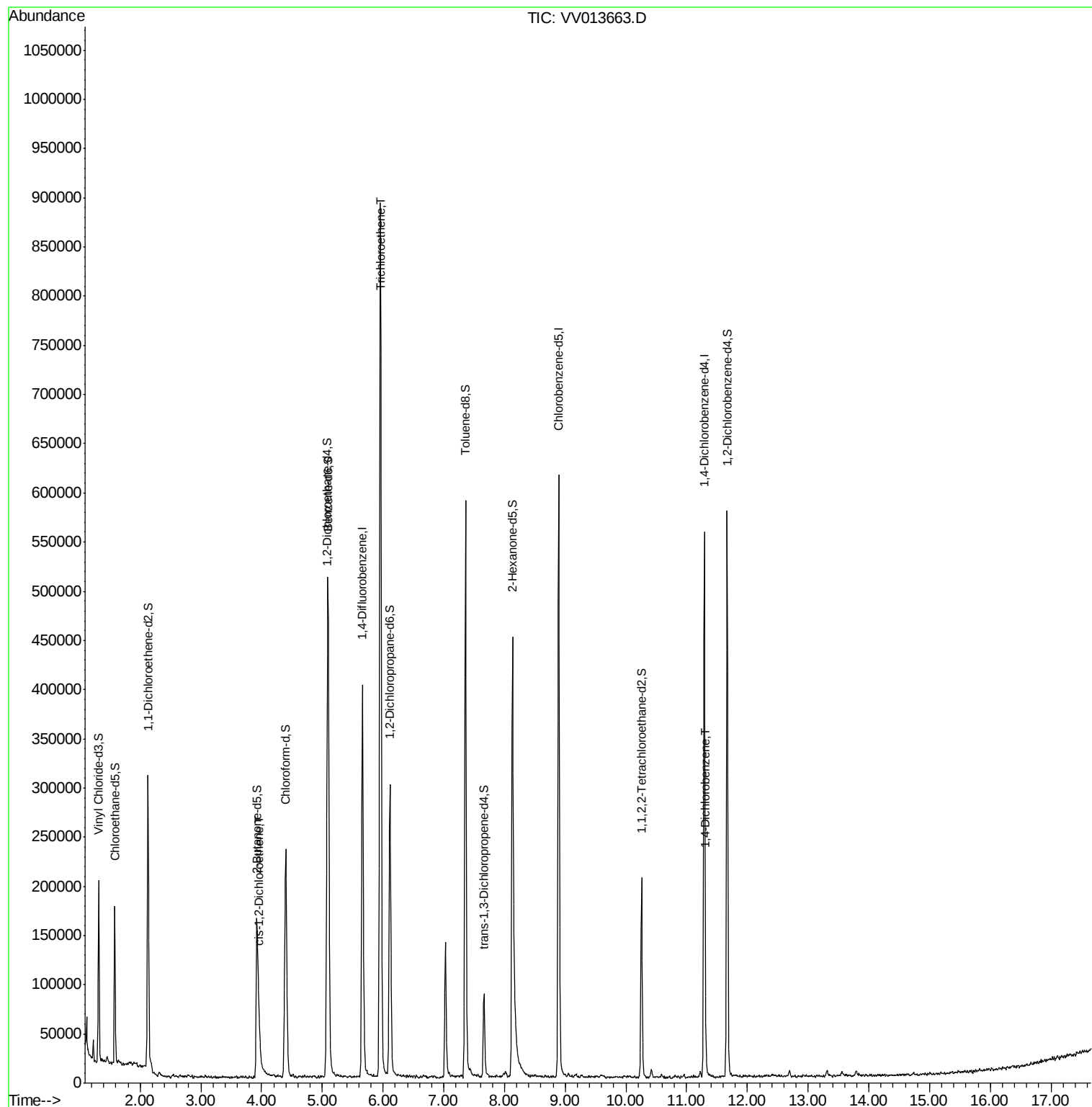
Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	3.96	96	12652	0.481 ug/L	# 99
34) Trichloroethene	5.96	95	305161	10.740 ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	6416	0.125 ug/L	89

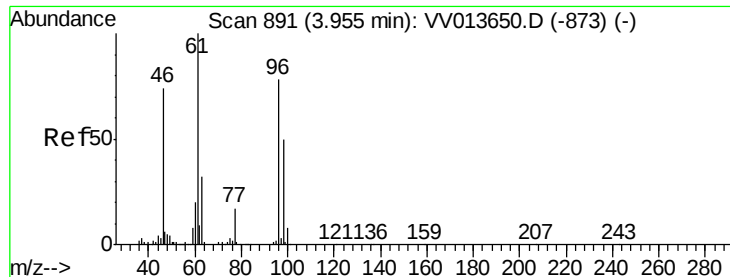
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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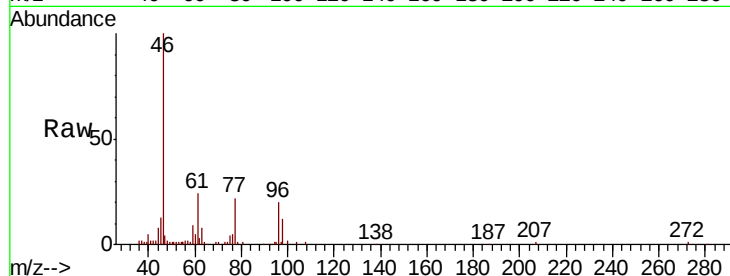


#22

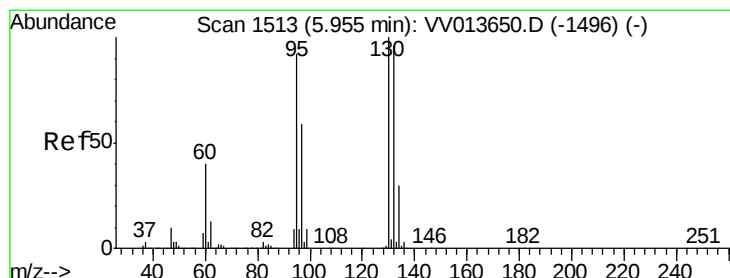
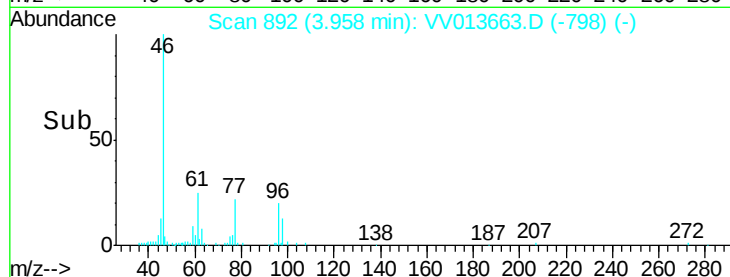
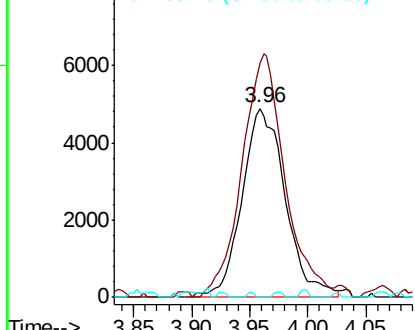
cis-1,2-Dichloroethene
Concen: 0.481 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV013663.D
Acq: 18 Nov 2019 17:47

Instrument :
MSVOA_V
ClientSampleId :
GAQJ1

Tot Ion: 96 Resp: 12652
Ion Ratio Lower Upper
96 100
61 124.3 87.7 162.9
68 0.0 0.1 0.3#



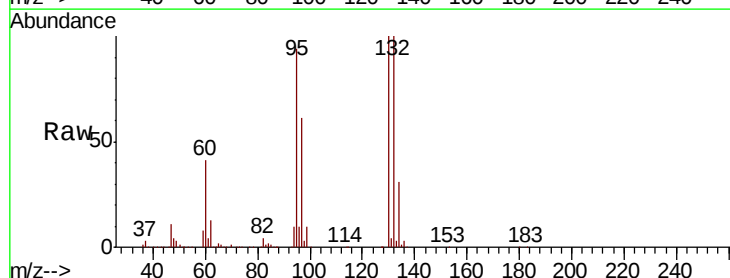
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



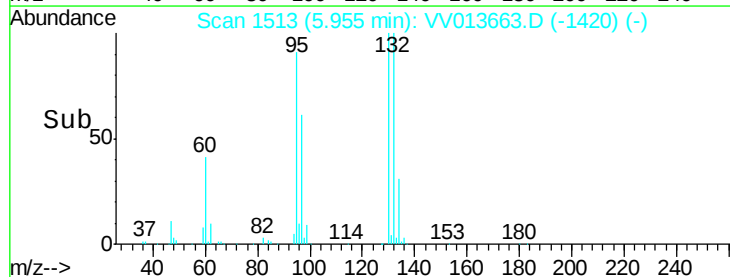
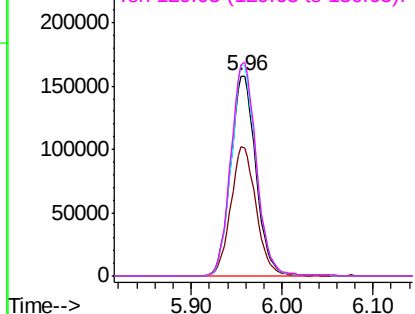
#34

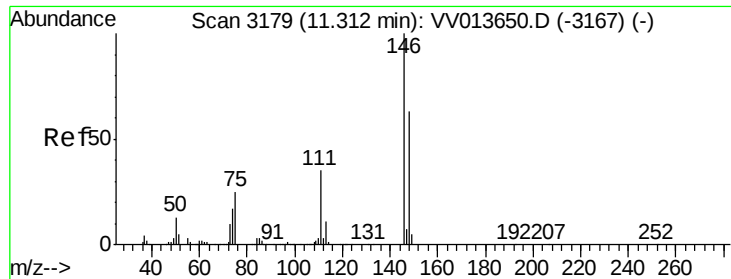
Trichloroethene
Concen: 10.740 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV013663.D
Acq: 18 Nov 2019 17:47

Tgt Ion: 95 Resp: 305161
Ion Ratio Lower Upper
95 100
97 64.5 44.8 83.2
132 105.6 72.9 135.3
130 105.9 75.1 139.5



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





#63

1,4-Dichlorobenzene

Concen: 0.125 ug/L

RT: 11.32 min Scan# 3180

Delta R.T. 0.00 min

Lab File: VV013663.D

Acq: 18 Nov 2019 17:47

Instrument :

MSVOA_V

ClientSampleId :

GAQJ1

Tot Ion:146 Resp: 6416

Ion Ratio Lower Upper

146 100

111 34.0 25.6 47.6

148 77.2 45.6 84.8

