

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091619\
 Data File : VV012838.D
 Acq On : 16 Sep 2019 15:52
 Operator : SY/MD
 Sample : K4780-15MSD
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0BM3MSD

Quant Time: Sep 16 17:30:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 16 17:02:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	409449	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	402946	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	151536	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	199737	7.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	140.80%#
7) Chloroethane-d5	1.58	69	169842	7.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	152.80%#
11) 1,1-Dichloroethene-d2	2.13	63	302519	6.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	128.80%#
20) 2-Butanone-d5	3.98	46	459280	117.17	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	234.34%#
24) Chloroform-d	4.40	84	328864	7.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	147.60%#
26) 1,2-Dichloroethane-d4	5.08	65	173508	8.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	169.20%#
32) Benzene-d6	5.09	84	673262	7.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	153.00%#
36) 1,2-Dichloropropane-d6	6.12	67	213361	7.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	159.20%#
41) Toluene-d8	7.36	98	540750	6.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	136.80%#
43) trans-1,3-Dichloropropene-	7.66	79	62294	7.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	144.00%#
46) 2-Hexanone-d5	8.14	63	233860	96.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	192.76%#
57) 1,1,2,2-Tetrachloroethane-	10.26	84	118995	8.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	161.60%#
64) 1,2-Dichlorobenzene-d4	11.67	152	190966	9.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	181.80%#

Target Compounds

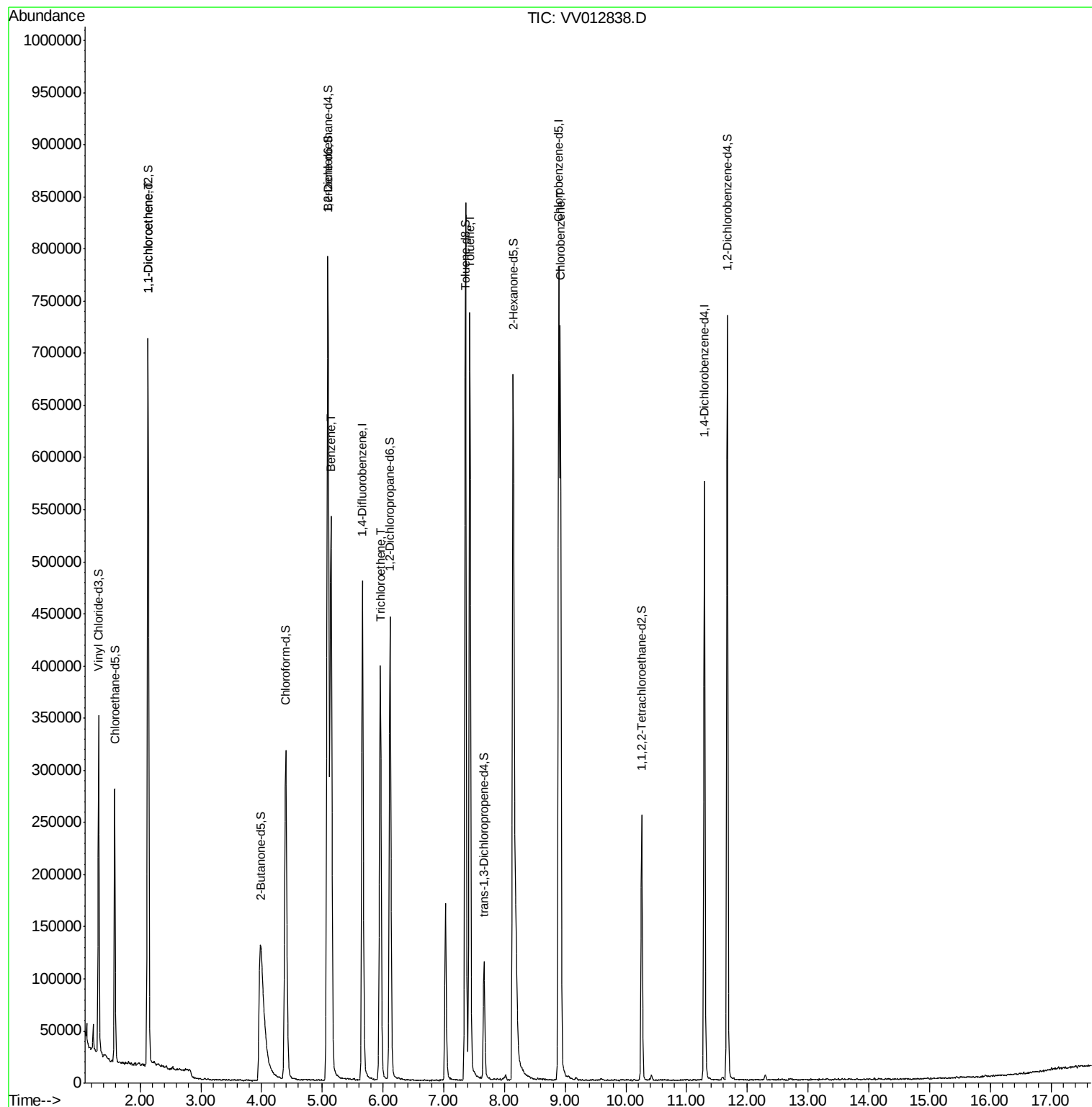
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	108944	4.871	ug/L	# 79
33) Benzene	5.14	78	530782	5.213	ug/L	100
34) Trichloroethene	5.96	95	129274	4.449	ug/L	99
42) Toluene	7.43	91	531389	5.104	ug/L	100
51) Chlorobenzene	8.92	112	374544	5.207	ug/L	98

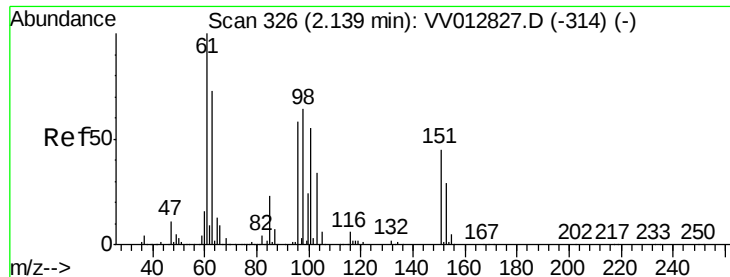
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 16 17:02:53 2019
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#12

1,1-Dichloroethene

Concen: 4.871 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

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MSVOA_V

ClientSampleId :

H0BM3MSD

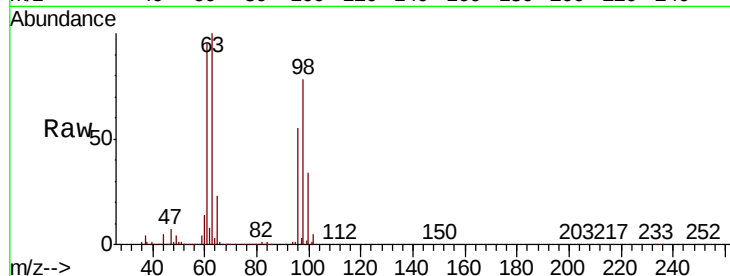
Tot Ion: 96 Resp: 108944

Ion Ratio Lower Upper

96 100

61 172.7 120.1 223.1

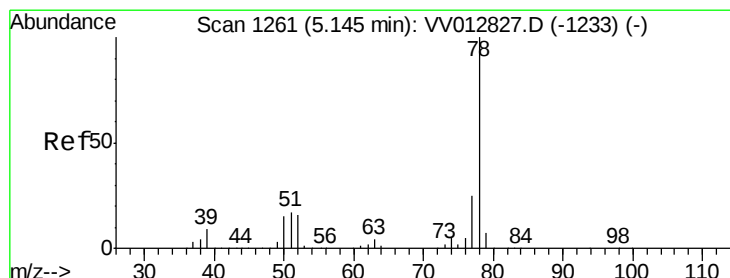
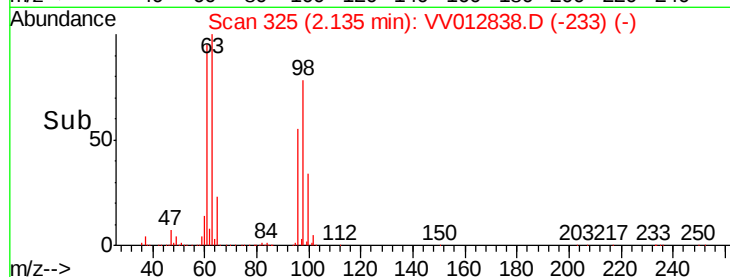
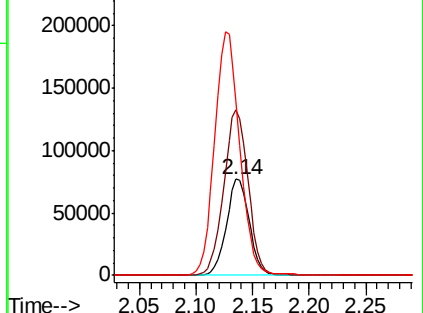
63 182.0 88.3 164.1#



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



#33

Benzene

Concen: 5.213 ug/L

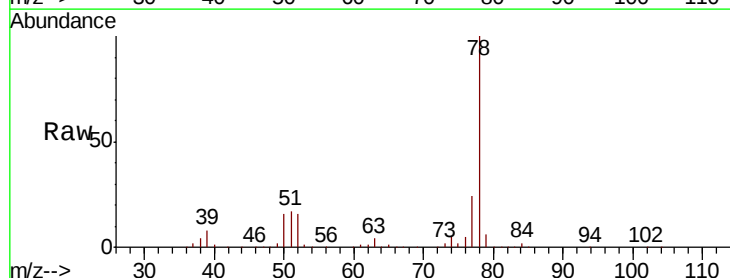
RT: 5.14 min Scan# 1261

Delta R.T. -0.00 min

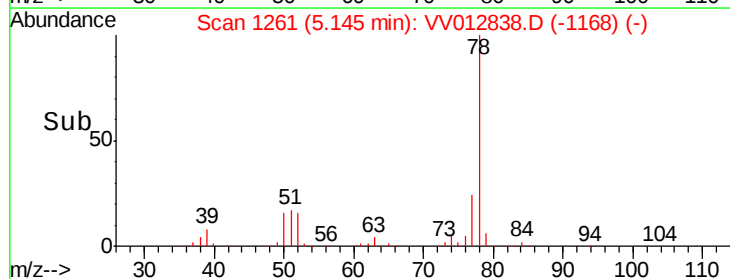
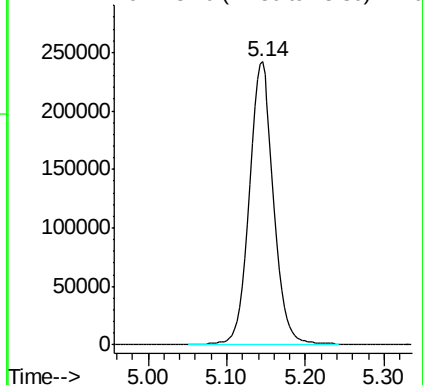
Lab File: VV012838.D

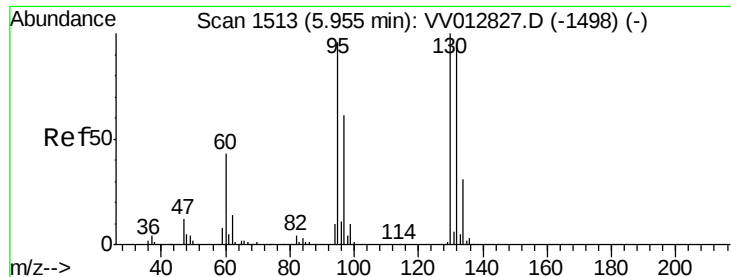
Acq: 16 Sep 2019 15:52

Tgt Ion: 78 Resp: 530782



Abundance Ion 78.10 (77.80 to 78.80): VV0





#34

Trichloroethene

Concen: 4.449 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV012838.D

Acq: 16 Sep 2019 15:52

Instrument :

MSVOA_V

ClientSampleId :

H0BM3MSD

Tot Ion: 95 Resp: 129274

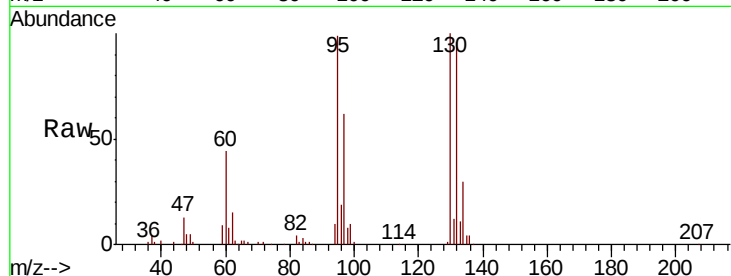
Ion Ratio Lower Upper

95 100

97 62.8 44.4 82.4

132 97.7 69.0 128.1

130 101.3 72.8 135.2

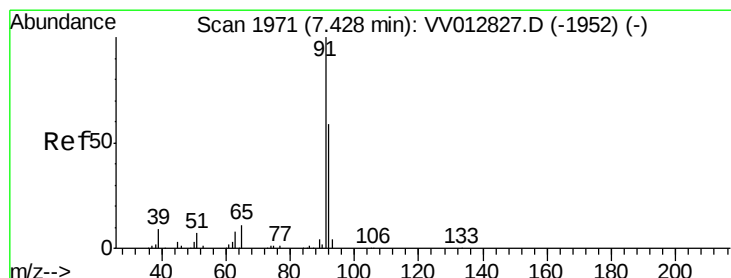
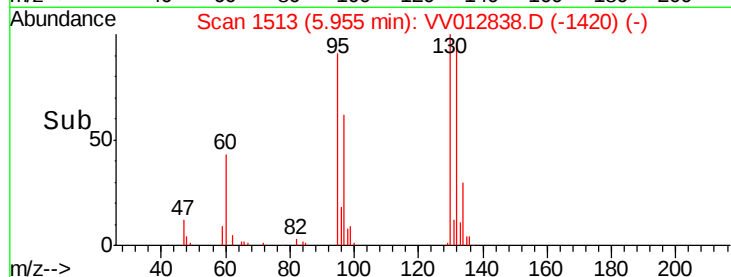
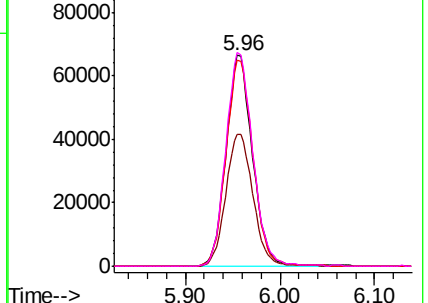


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#42

Toluene

Concen: 5.104 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VV012838.D

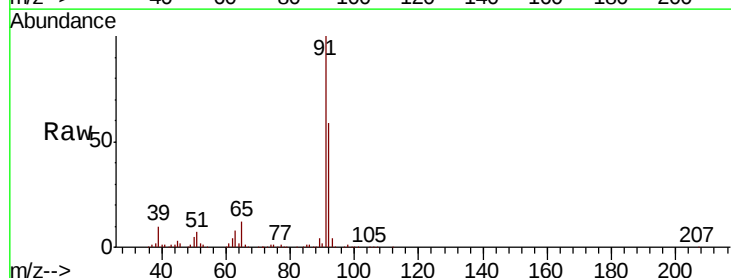
Acq: 16 Sep 2019 15:52

Tgt Ion: 91 Resp: 531389

Ion Ratio Lower Upper

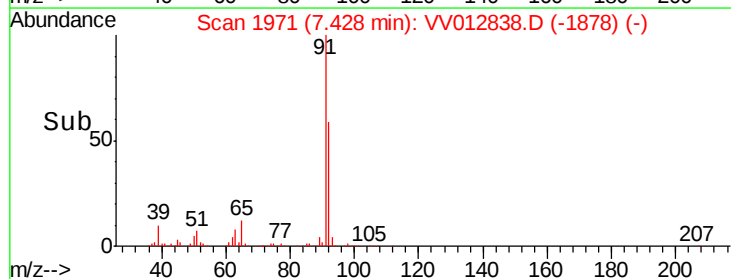
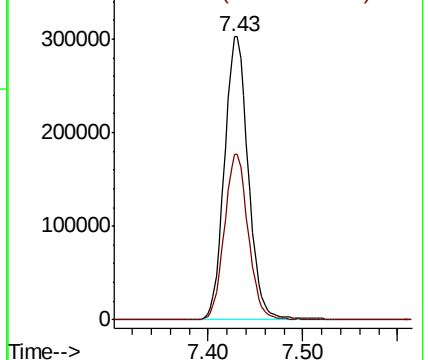
91 100

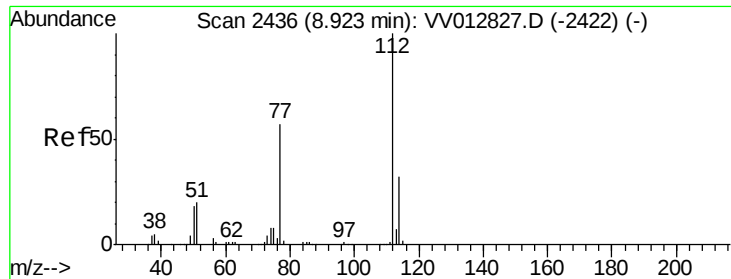
92 58.6 41.0 76.2



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0





#51

Chlorobenzene

Concen: 5.207 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. -0.00 min

Lab File: VV012838.D

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MSVOA_V

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Tot Ion:112 Resp: 374544

Ion Ratio Lower Upper

112 100

114 32.7 22.0 41.0

77 58.2 45.7 68.5

