

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091619\
 Data File : VV012837.D
 Acq On : 16 Sep 2019 15:26
 Operator : SY/MD
 Sample : K4780-14MS
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0BM3MS

Quant Time: Sep 16 17:28:14 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	387636	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	381724	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	140247	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	184256	6.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	137.20%#
7) Chloroethane-d5	1.58	69	154999	7.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	147.20%#
11) 1,1-Dichloroethene-d2	2.13	63	284145	6.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	127.80%#
20) 2-Butanone-d5	3.98	46	379209	102.19	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	204.38%#
24) Chloroform-d	4.40	84	306721	7.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	145.40%#
26) 1,2-Dichloroethane-d4	5.08	65	157312	8.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	162.00%#
32) Benzene-d6	5.09	84	632543	7.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	151.80%#
36) 1,2-Dichloropropane-d6	6.12	67	196464	7.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	154.80%#
41) Toluene-d8	7.36	98	508530	6.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	135.80%#
43) trans-1,3-Dichloropropene-	7.66	79	53938	6.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	131.60%#
46) 2-Hexanone-d5	8.14	63	194384	84.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	169.12%#
57) 1,1,2,2-Tetrachloroethane-	10.26	84	105709	7.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	151.60%#
64) 1,2-Dichlorobenzene-d4	11.67	152	173701	8.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	178.60%#

Target Compounds

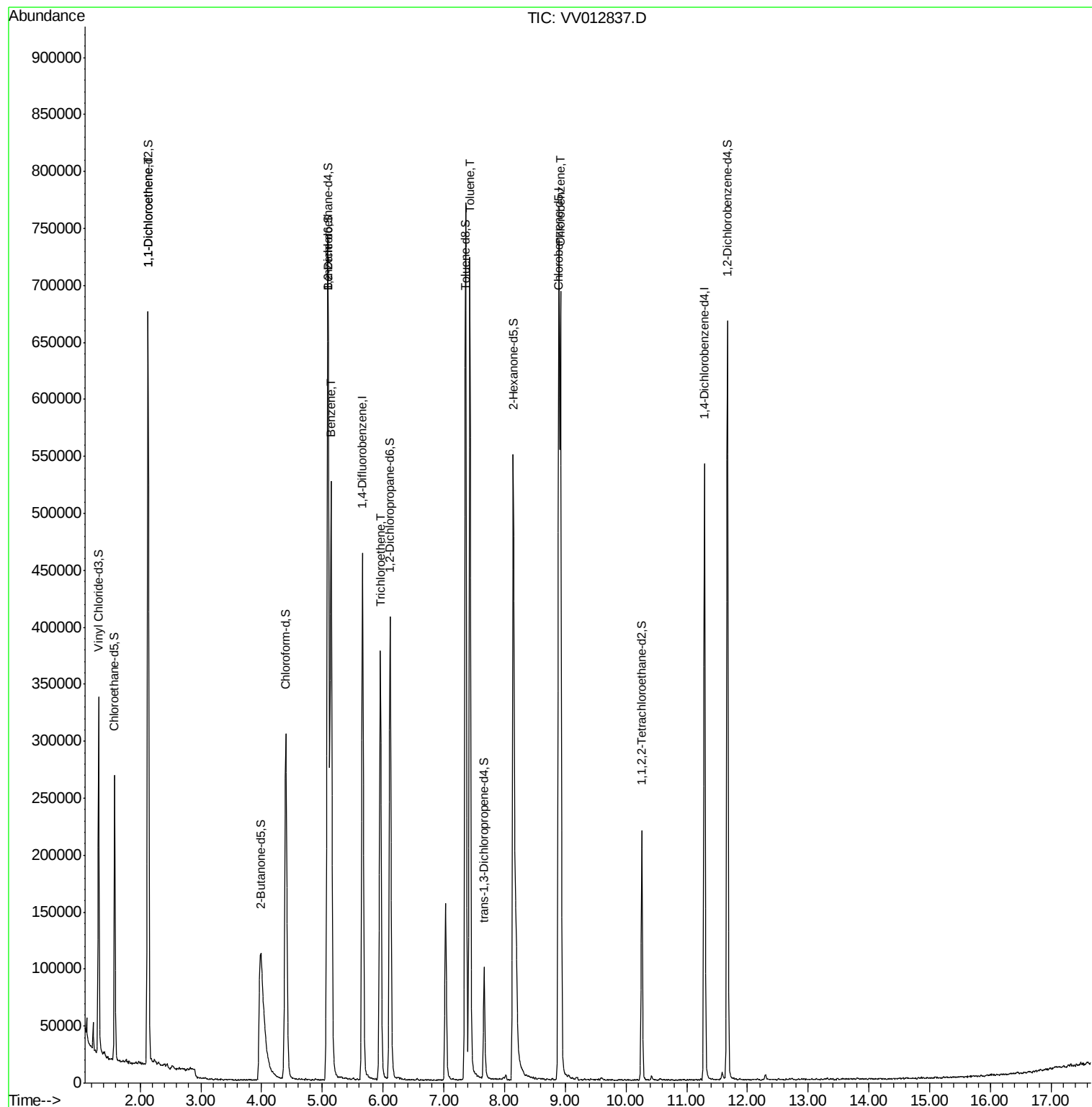
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	107722	5.088	ug/L	# 83
33) Benzene	5.14	78	516303	5.353	ug/L	100
34) Trichloroethene	5.96	95	124161	4.511	ug/L	99
42) Toluene	7.43	91	516964	5.242	ug/L	98
51) Chlorobenzene	8.92	112	353697	5.191	ug/L	97

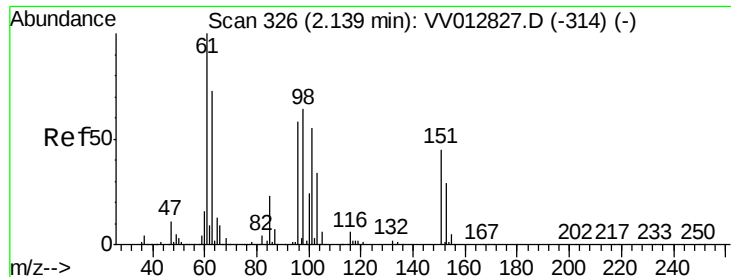
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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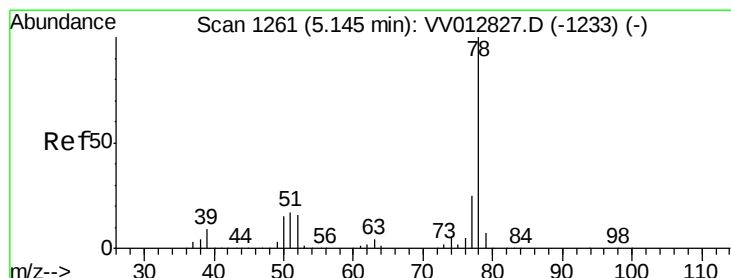
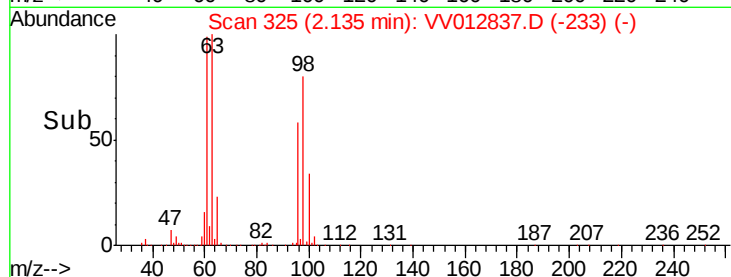
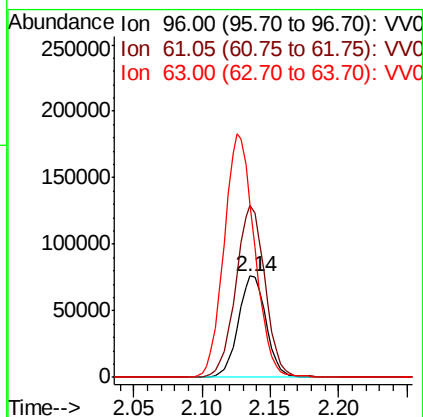
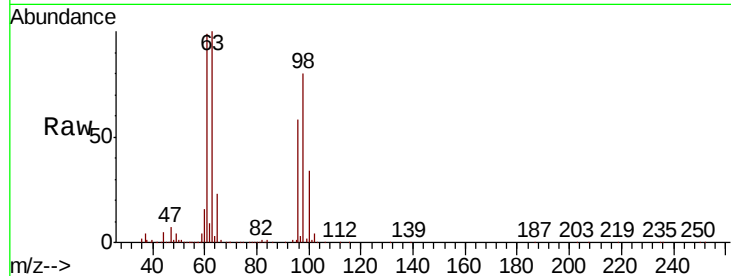




#12
 1,1-Dichloroethene
 Concen: 5.088 ug/L
 RT: 2.14 min Scan# 325
 Delta R.T. -0.00 min
 Lab File: VV012837.D
 Acq: 16 Sep 2019 15:26

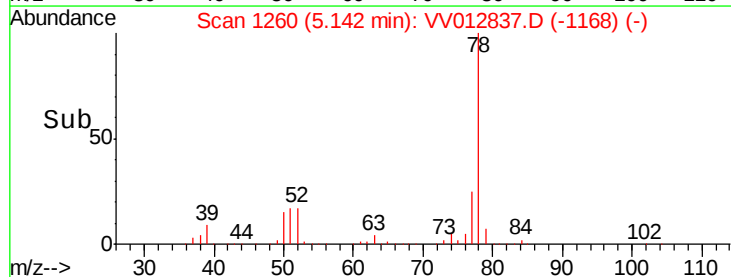
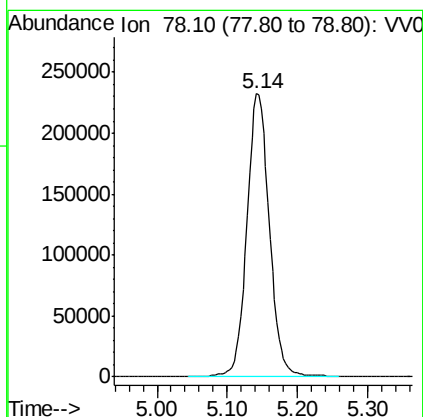
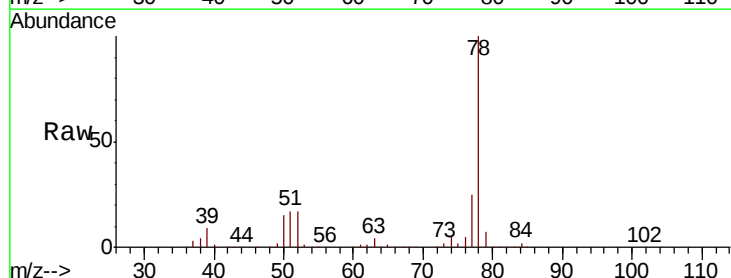
Instrument :
 MSVOA_V
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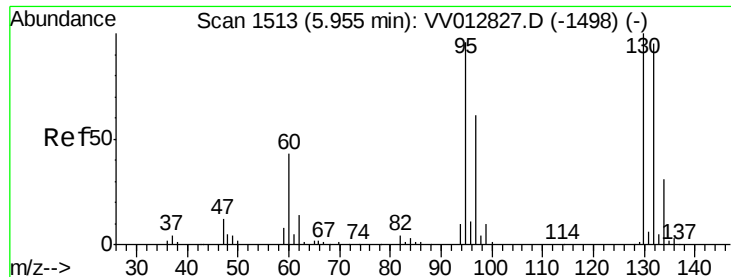
Tot Ion: 96 Resp: 107722
 Ion Ratio Lower Upper
 96 100
 61 170.3 120.1 223.1
 63 171.8 88.3 164.1#



#33
 Benzene
 Concen: 5.353 ug/L
 RT: 5.14 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VV012837.D
 Acq: 16 Sep 2019 15:26

Tgt Ion: 78 Resp: 516303

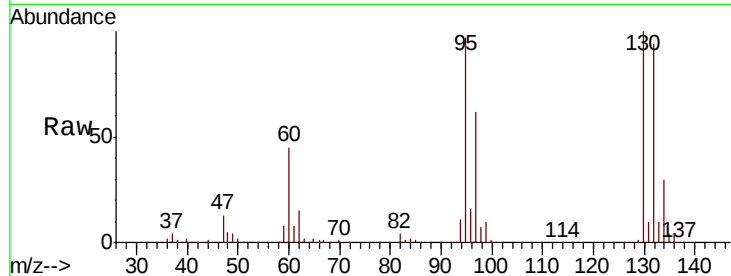




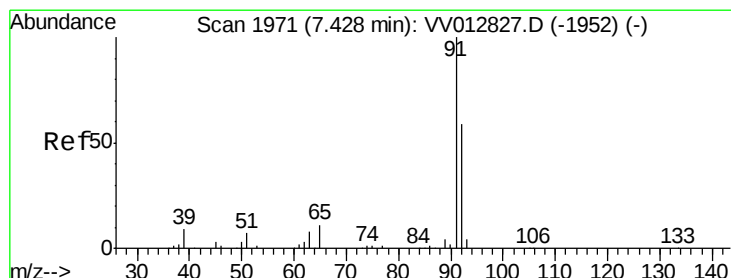
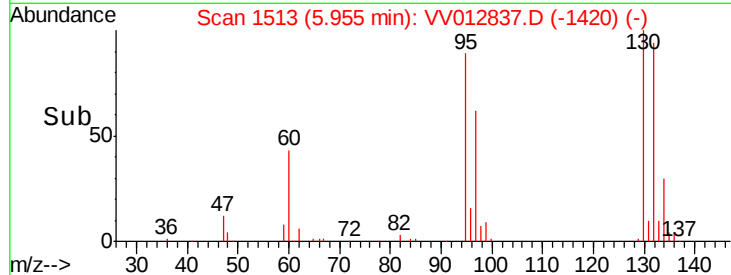
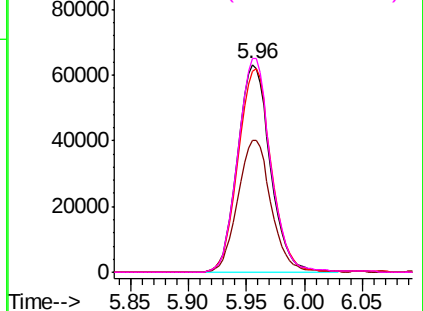
#34
 Trichloroethene
 Concen: 4.511 ug/L
 RT: 5.96 min Scan# 1513
 Delta R.T. -0.00 min
 Lab File: VV012837.D
 Acq: 16 Sep 2019 15:26

Instrument :
 MSVOA_V
 ClientSampleId :
 H0BM3MS

Tot Ion: 95 Resp: 124161
 Ion Ratio Lower Upper
 95 100
 97 63.6 44.4 82.4
 132 96.9 69.0 128.1
 130 103.0 72.8 135.2

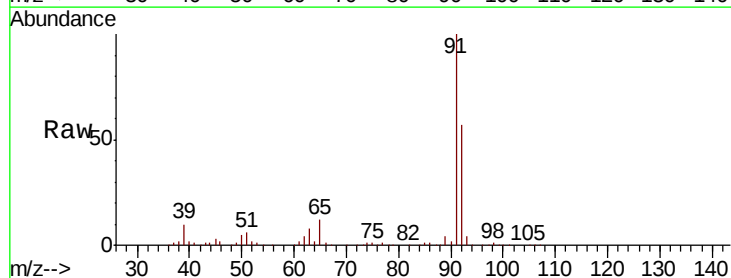


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

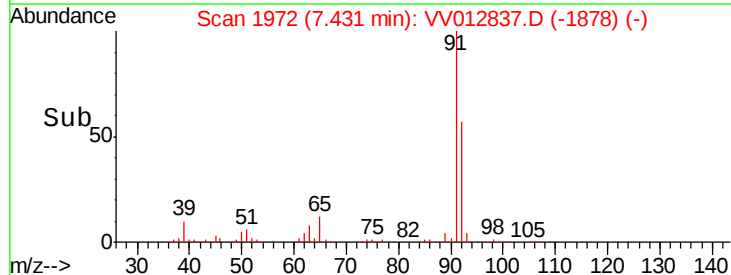
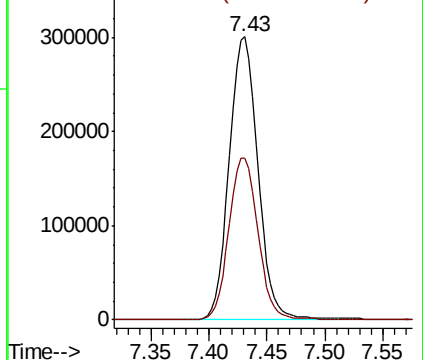


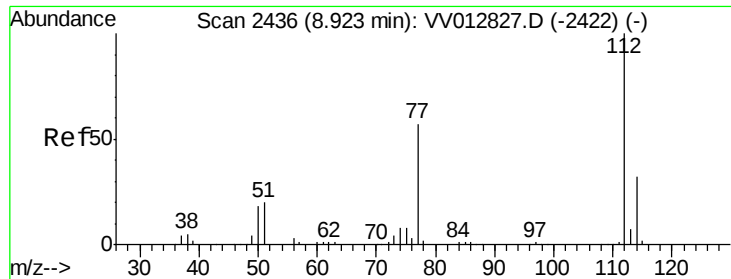
#42
 Toluene
 Concen: 5.242 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VV012837.D
 Acq: 16 Sep 2019 15:26

Tgt Ion: 91 Resp: 516964
 Ion Ratio Lower Upper
 91 100
 92 57.4 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: 5.191 ug/L
 RT: 8.92 min Scan# 2436
 Delta R.T. -0.00 min
 Lab File: VV012837.D
 Acq: 16 Sep 2019 15:26

Instrument :
 MSVOA_V
 ClientSampleId :
 H0BM3MS

Tot Ion:	112	Resp:	353697
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.0	41.0
77	59.5	45.7	68.5

