

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111419\
 Data File : VV013623.D
 Acq On : 14 Nov 2019 15:47
 Operator : SY/MD
 Sample : K5855-07MS
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQF6MS

Quant Time: Nov 15 12:02:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 15 02:40:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	349412	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	361552	5.00	ug/L	-0.02
60) 1,4-Dichlorobenzene-d4	11.29	152	151900	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	116353	5.19	ug/L	-0.03
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.80%
7) Chloroethane-d5	1.58	69	101657	5.68	ug/L	-0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.60%
11) 1,1-Dichloroethene-d2	2.13	63	207096	5.39	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.80%
20) 2-Butanone-d5	3.92	46	272769	67.86	ug/L	-0.10
Spiked Amount	50.000	Range	40 - 130	Recovery	=	135.72%#
24) Chloroform-d	4.40	84	231159	6.00	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	120.00%
26) 1,2-Dichloroethane-d4	5.08	65	120734	6.43	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	128.60%
32) Benzene-d6	5.10	84	436337	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.11	67	142376	4.76	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.36	98	360595	4.08	ug/L	-0.04
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.60%
43) trans-1,3-Dichloropropene-	7.66	79	52911	4.76	ug/L	-0.04
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.13	63	205830	46.41	ug/L	-0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.82%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	91571	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	150082	5.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.00%

Target Compounds

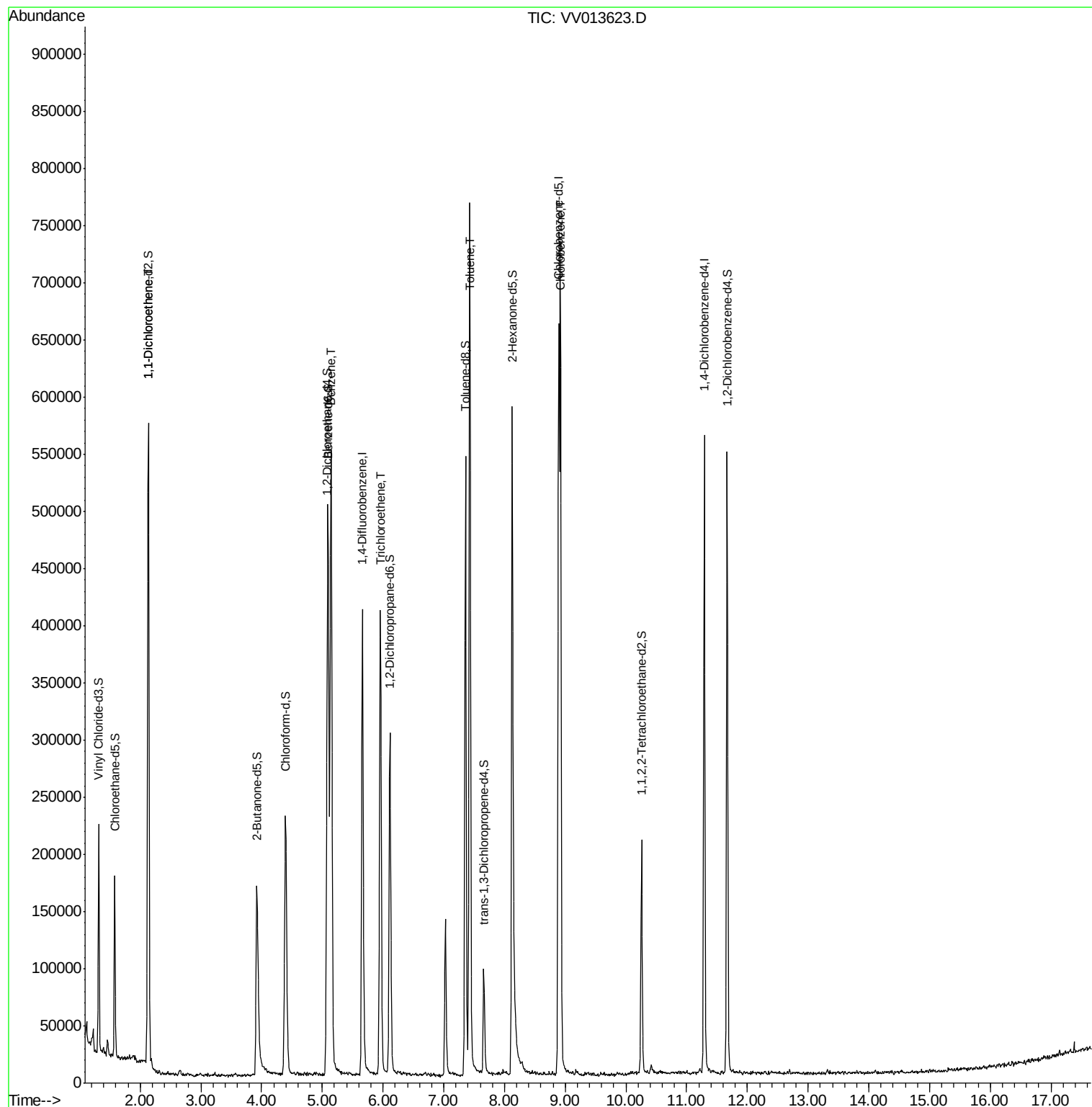
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	114567	5.641	ug/L	100
33) Benzene	5.14	78	544444	5.154	ug/L	100
34) Trichloroethene	5.96	95	134157	4.525	ug/L	99
42) Toluene	7.43	91	540197	4.709	ug/L	99
51) Chlorobenzene	8.92	112	377696	5.024	ug/L	99

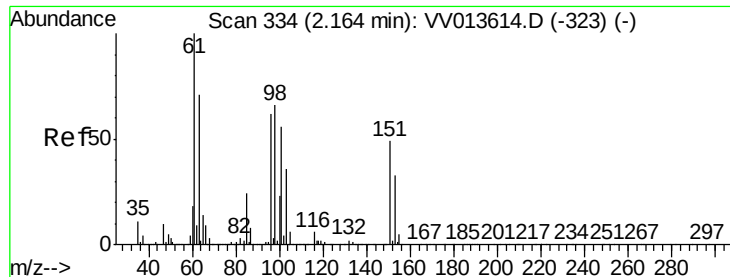
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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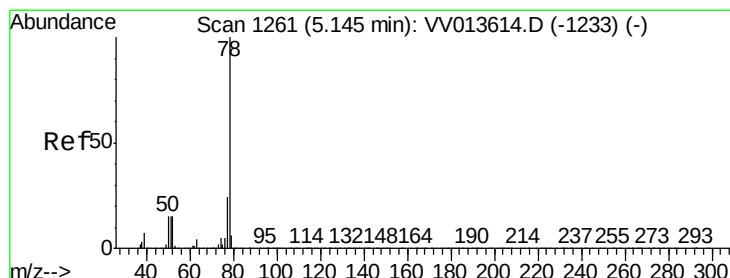
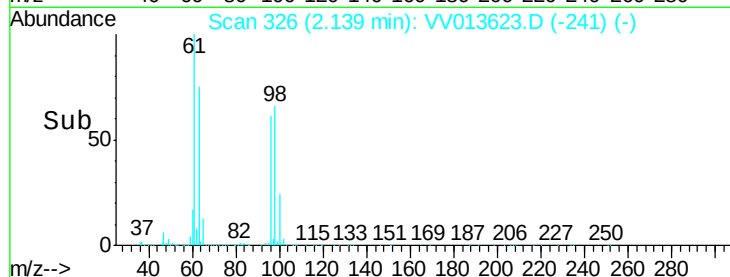
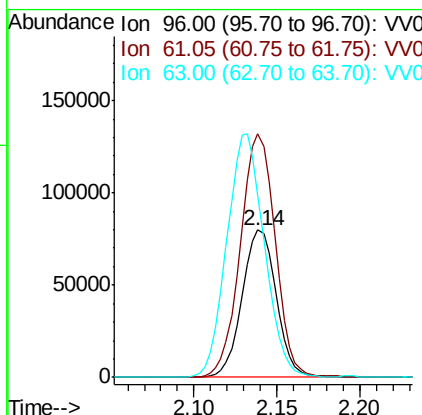
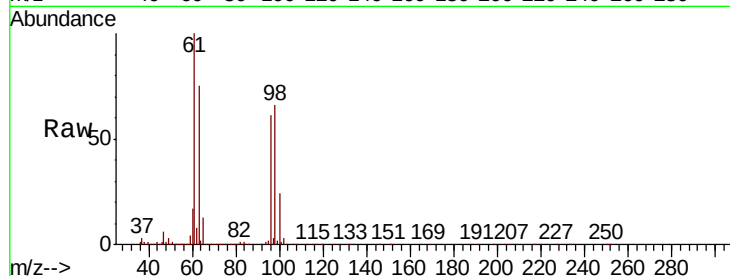




#12
 1,1-Dichloroethene
 Concen: 5.641 ug/L
 RT: 2.14 min Scan# 326
 Delta R.T. -0.03 min
 Lab File: VV013623.D
 Acq: 14 Nov 2019 15:47

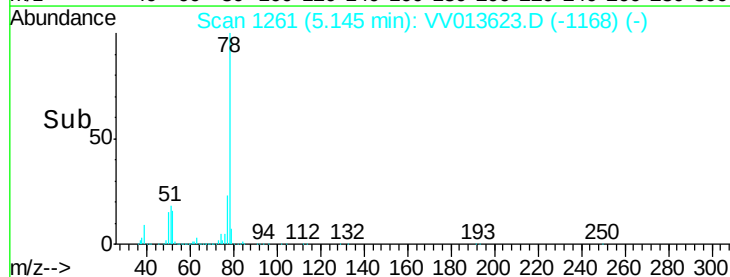
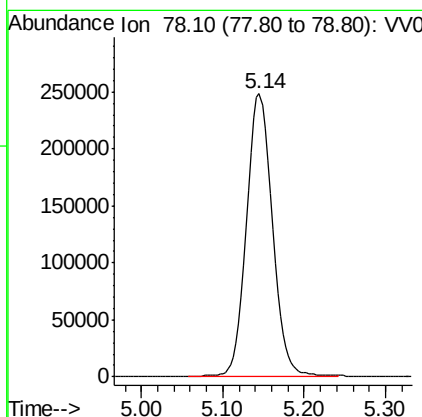
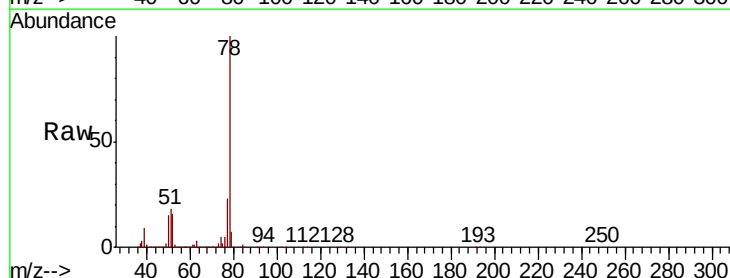
Instrument :
 MSVOA_V
 ClientSampleId :
 GAQF6MS

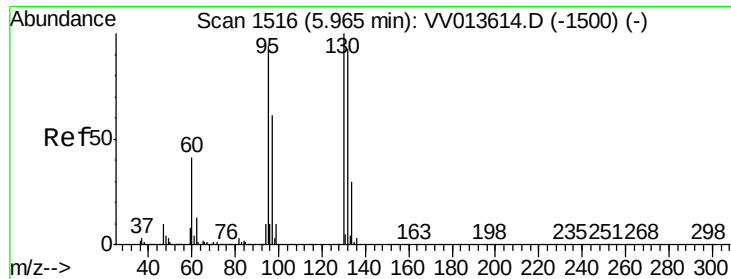
Tot Ion: 96 Resp: 114567
 Ion Ratio Lower Upper
 96 100
 61 165.1 115.6 214.6
 63 123.5 87.2 162.0



#33
 Benzene
 Concen: 5.154 ug/L
 RT: 5.14 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: VV013623.D
 Acq: 14 Nov 2019 15:47

Tgt Ion: 78 Resp: 544444





#34

Trichloroethene

Concen: 4.525 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.01 min

Lab File: VV013623.D

Acq: 14 Nov 2019 15:47

Instrument :

MSVOA_V

ClientSampleId :

GAQF6MS

Tot Ion: 95 Resp: 134157

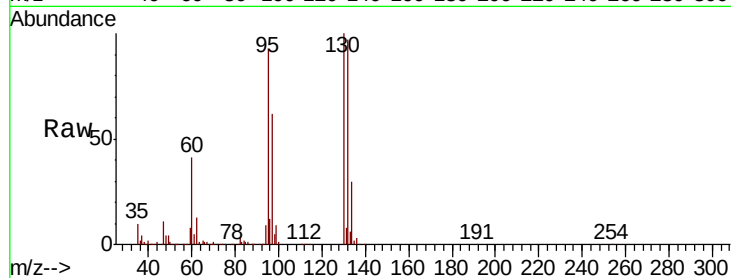
Ion Ratio Lower Upper

95 100

97 66.4 47.0 87.4

132 104.6 72.2 134.0

130 107.3 75.7 140.7

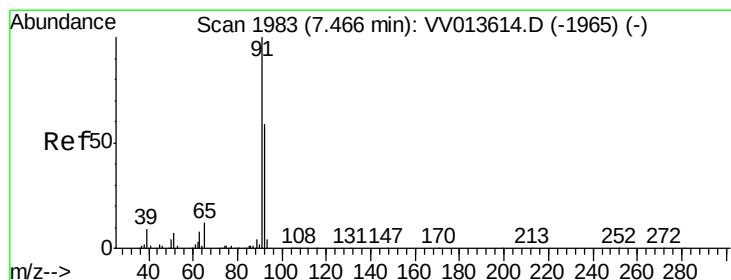
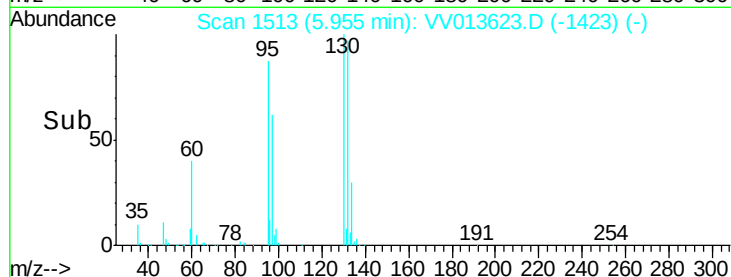
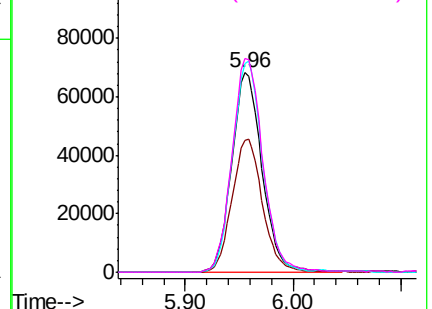


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 4.709 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. -0.04 min

Lab File: VV013623.D

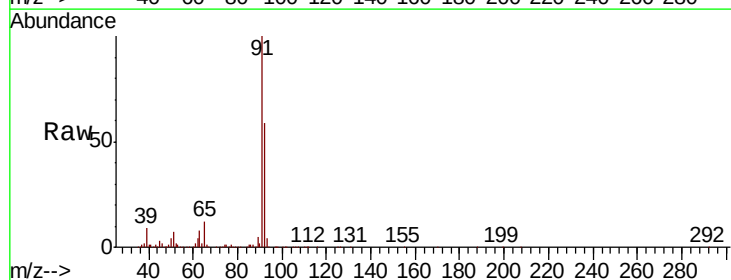
Acq: 14 Nov 2019 15:47

Tgt Ion: 91 Resp: 540197

Ion Ratio Lower Upper

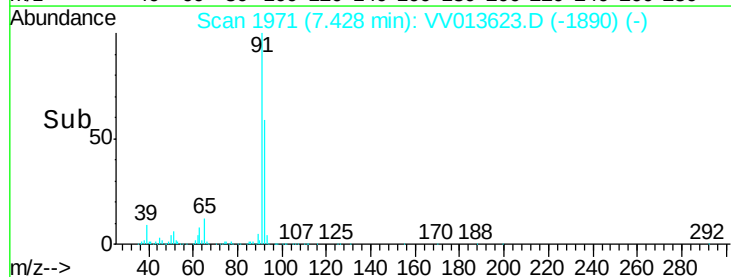
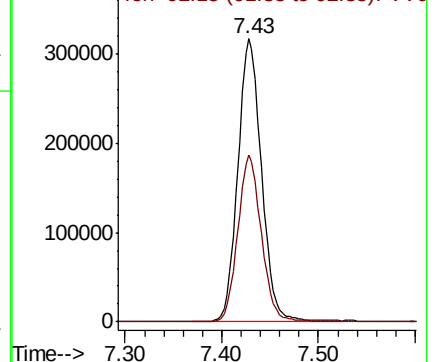
91 100

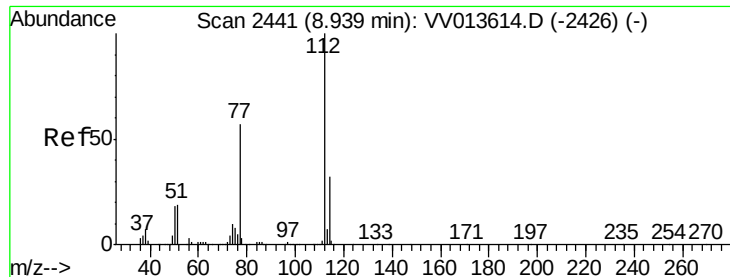
92 59.1 40.7 75.7



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0





#51

Chlorobenzene

Concen: 5.024 ug/L

RT: 8.92 min Scan# 2435

Delta R.T. -0.02 min

Lab File: VV013623.D

Acq: 14 Nov 2019 15:47

Instrument :

MSVOA_V

ClientSampleId :

GAQF6MS

Tot Ion:112 Resp: 377696

Ion Ratio Lower Upper

112 100

114 32.4 22.3 41.5

77 57.3 46.0 69.0

