

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR091818\
 Data File : VR025766.D
 Acq On : 18 Sep 2018 22:03
 Operator : SY/MD
 Sample : J4874-24MS
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 A3ZB9MS

Quant Time: Sep 19 09:45:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 17 16:10:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	662583	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	562034	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	168145	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	147194	4.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.20%
7) Chloroethane-d5	2.63	69	129109	4.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.20%
11) 1,1-Dichloroethene-d2	3.63	63	408077	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.60%
20) 2-Butanone-d5	6.59	46	147196	51.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.86%
24) Chloroform-d	7.20	84	367193	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	7.90	65	133345	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	7.86	84	826665	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	8.90	67	247692	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.00%
41) Toluene-d8	9.97	98	735483	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	10.24	79	46487	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	10.59	63	188720	62.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.44%
57) 1,1,2,2-Tetrachloroethane-	12.37	84	103117	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	13.52	152	165958	6.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.60%#

Target Compounds

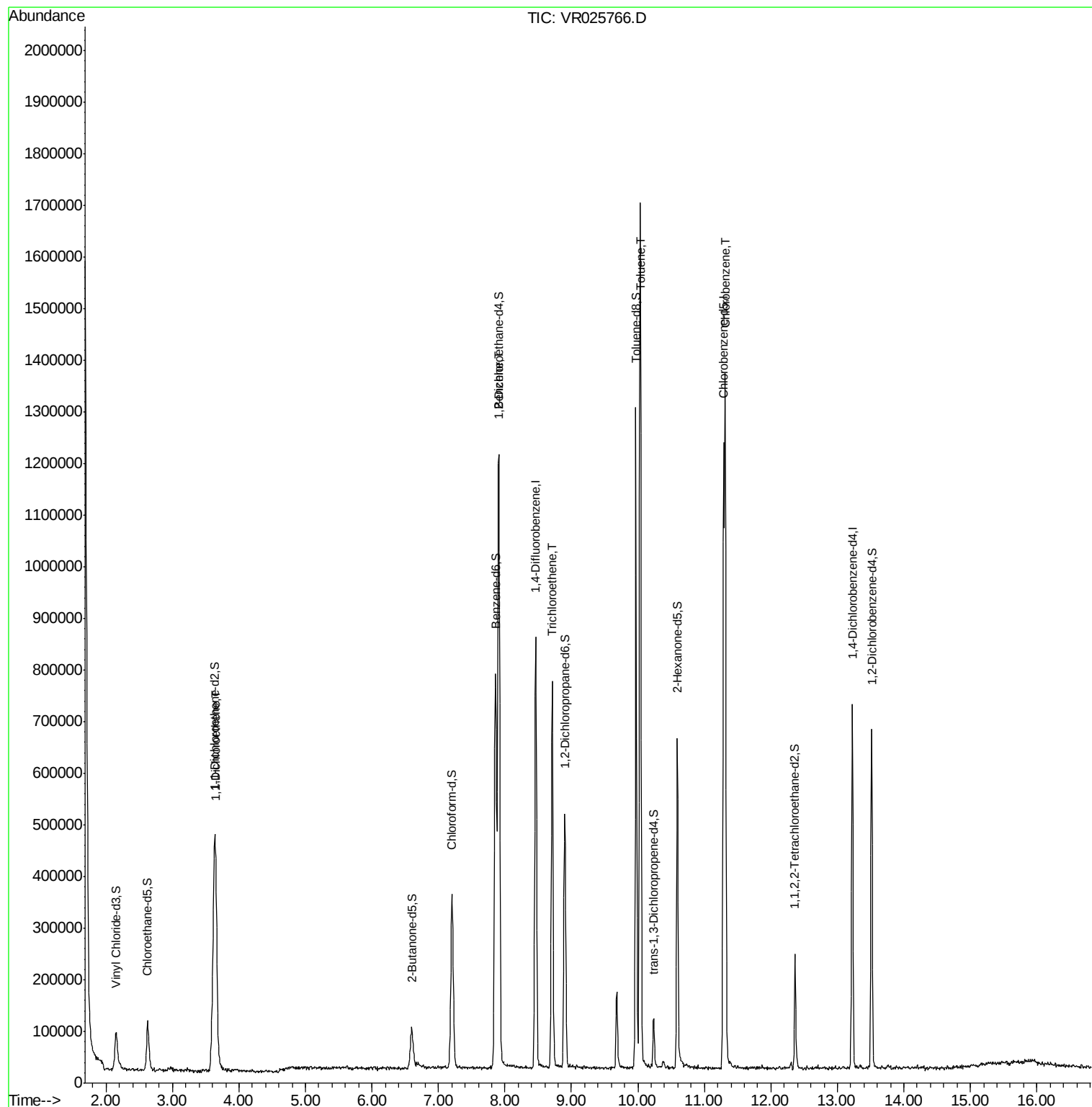
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	3.65	96	199249	4.690	ug/L	85
33) Benzene	7.91	78	1084475	5.203	ug/L	100
34) Trichloroethene	8.71	95	246980	4.998	ug/L	96
42) Toluene	10.04	91	1155237	5.506	ug/L	99
51) Chlorobenzene	11.32	112	665208	5.156	ug/L	98

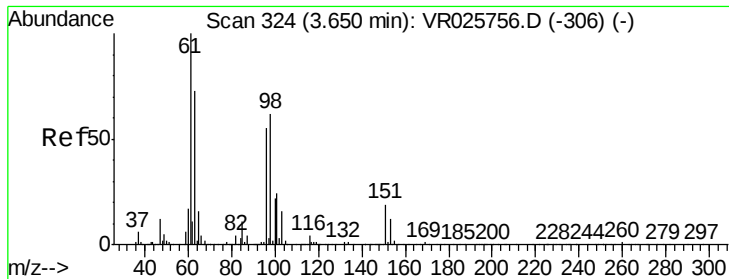
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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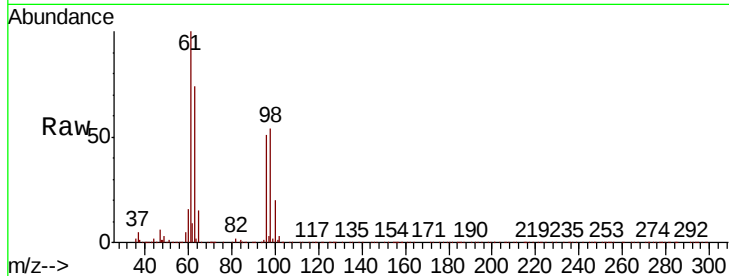




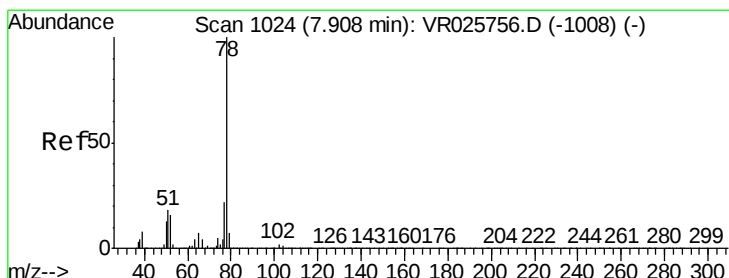
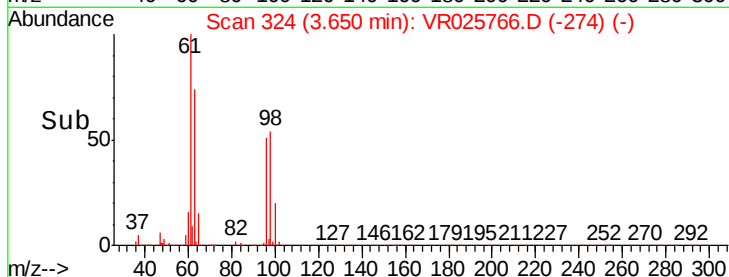
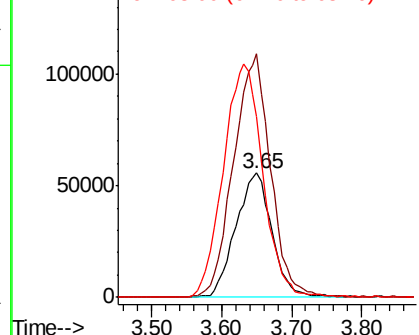
#12
 1,1-Dichloroethene
 Concen: 4.690 ug/L
 RT: 3.65 min Scan# 324
 Delta R.T. 0.01 min
 Lab File: VR025766.D
 Acq: 18 Sep 2018 22:03

Instrument :
 MSVOA_R
 ClientSampled :
 A3ZB9MS

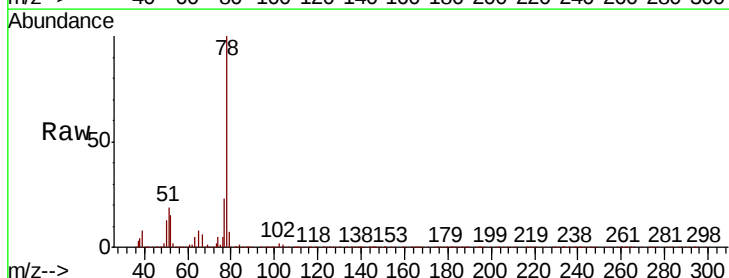
Tot Ion	Ratio	Lower	Upper
96	100		
61	196.3	123.8	229.8
63	145.4	118.0	219.1



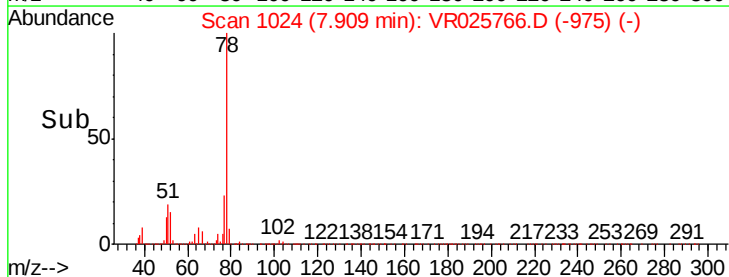
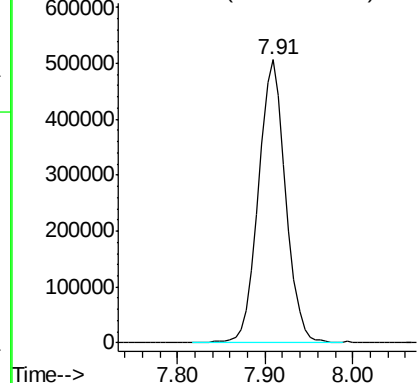
Abundance Ion 96.00 (95.70 to 96.70): VR0
 Ion 61.05 (60.75 to 61.75): VR0
 Ion 63.00 (62.70 to 63.70): VR0

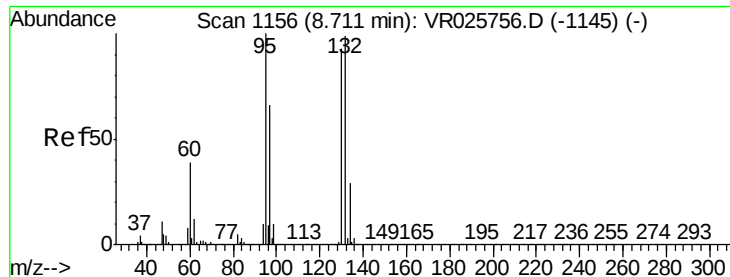


#33
 Benzene
 Concen: 5.203 ug/L
 RT: 7.91 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: VR025766.D
 Acq: 18 Sep 2018 22:03
 Tgt Ion: 78 Resp: 1084475



Abundance Ion 78.10 (77.80 to 78.80): VR0





#34

Trichloroethene

Concen: 4.998 ug/L

RT: 8.71 min Scan# 1156

Delta R.T. 0.00 min

Lab File: VR025766.D

Acq: 18 Sep 2018 22:03

Instrument :

MSVOA_R

ClientSampleId :

A3ZB9MS

Tot Ion: 95 Resp: 246980

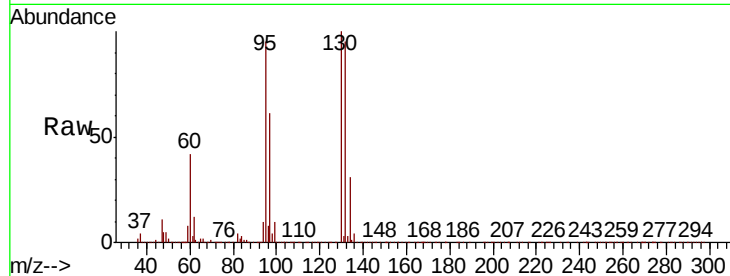
Ion Ratio Lower Upper

95 100

97 64.2 44.9 83.5

132 100.0 69.2 128.6

130 105.6 66.4 123.4

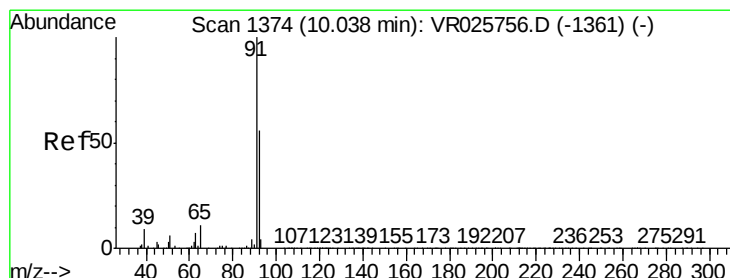
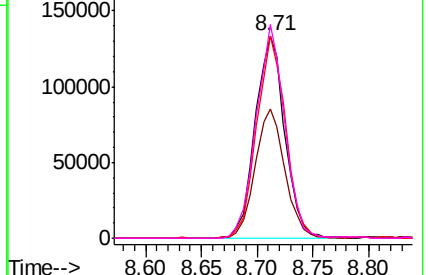
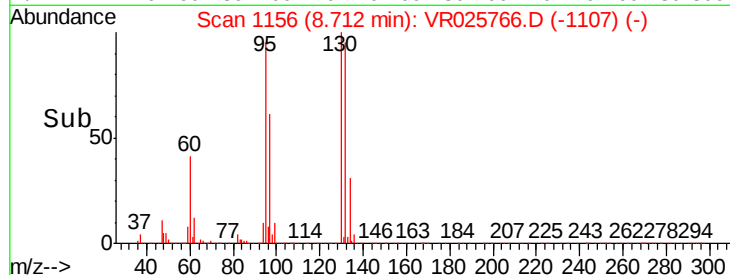


Abundance Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#42

Toluene

Concen: 5.506 ug/L

RT: 10.04 min Scan# 1374

Delta R.T. 0.00 min

Lab File: VR025766.D

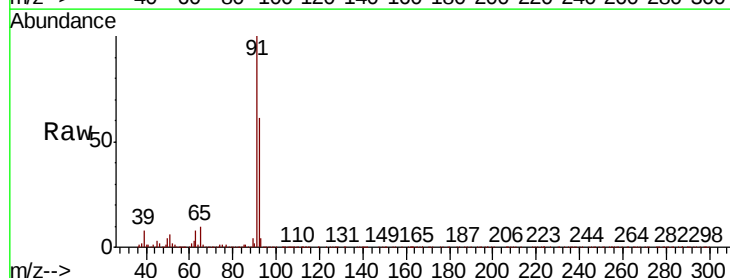
Acq: 18 Sep 2018 22:03

Tgt Ion: 91 Resp: 1155237

Ion Ratio Lower Upper

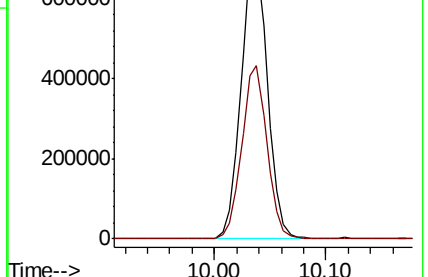
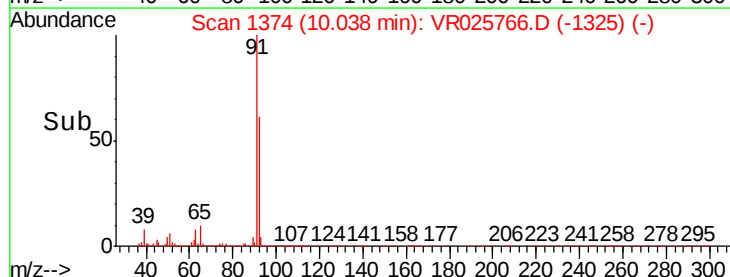
91 100

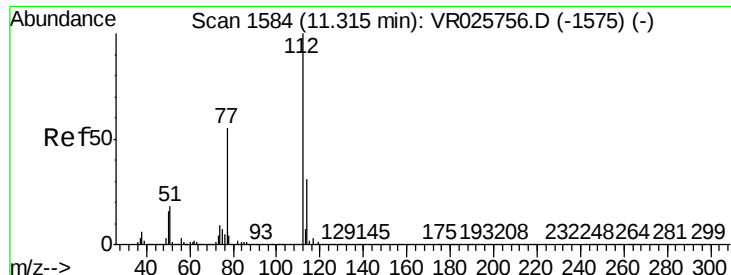
92 61.2 42.1 78.1



Abundance Ion 91.15 (90.85 to 91.85): VR0

Ion 92.15 (91.85 to 92.85): VR0





#51

Chlorobenzene

Concen: 5.156 ug/L

RT: 11.32 min Scan# 1584

Delta R.T. 0.00 min

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Tot Ion:112 Resp: 665208

Ion Ratio Lower Upper

112 100

114 30.8 22.5 41.7

77 55.0 45.0 67.6

