

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR091318\
 Data File : VR025720.D
 Acq On : 13 Sep 2018 18:45
 Operator : SY/MD
 Sample : J4887-03
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KQ4

Quant Time: Sep 14 08:34:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR090718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 14 06:42:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	642665	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	565249	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	171442	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	194930	6.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	139.60%#
7) Chloroethane-d5	2.63	69	153507	6.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	134.20%#
11) 1,1-Dichloroethene-d2	3.63	63	402296	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.20%
20) 2-Butanone-d5	6.60	46	110465	39.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.32%
24) Chloroform-d	7.20	84	329732	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	7.90	65	112088	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	7.85	84	776362	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	8.90	67	211008	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	9.97	98	698798	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloropropene-	10.24	79	39968	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
46) 2-Hexanone-d5	10.59	63	132760	43.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.38%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	84368	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	13.52	152	152103	6.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	125.20%#

Target Compounds

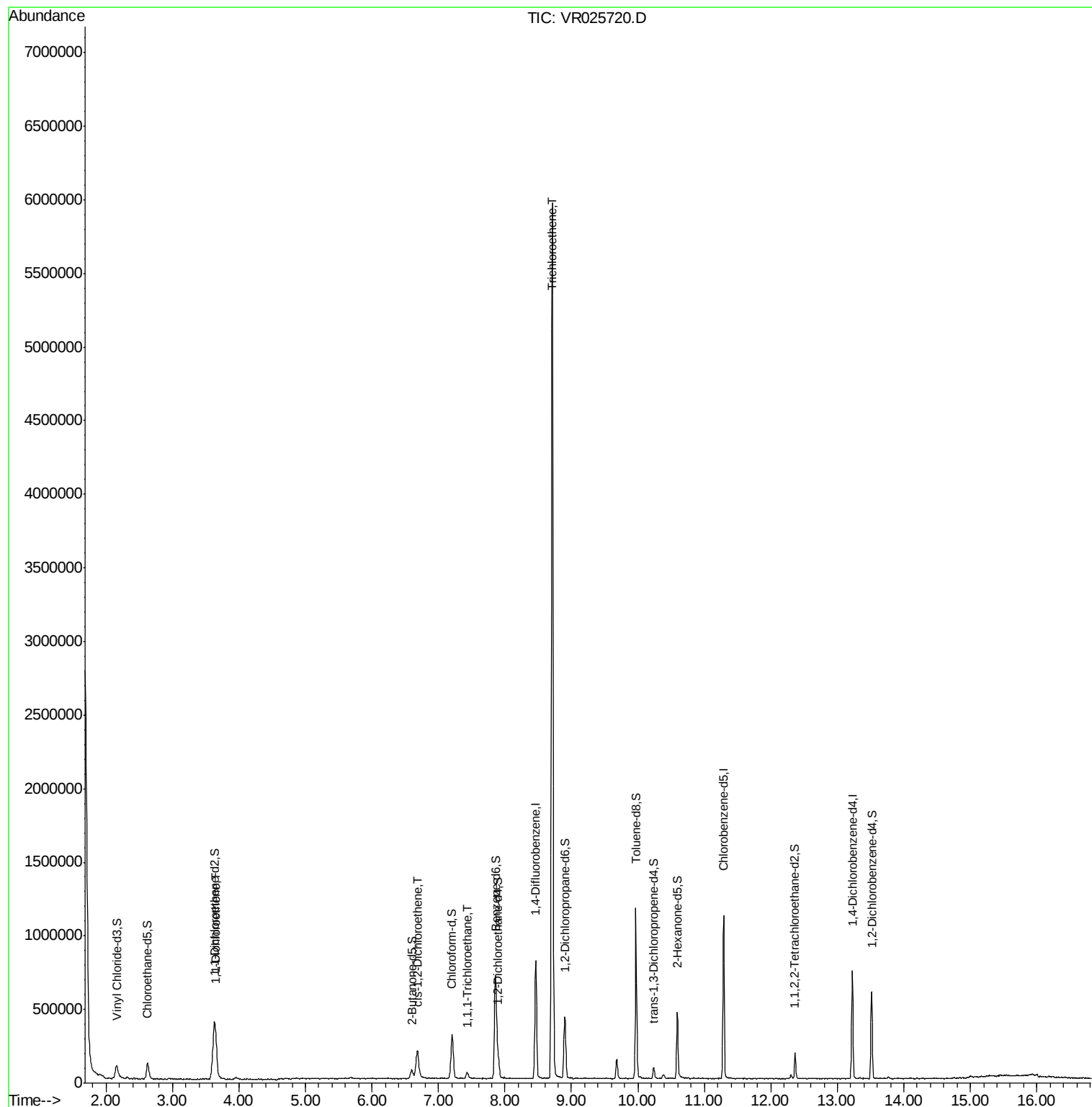
					Ovalue
12) 1,1-Dichloroethene	3.65	96	116690	2.78	ug/L # 75
22) cis-1,2-Dichloroethene	6.68	96	103801	2.33	ug/L 99
29) 1,1,1-Trichloroethane	7.43	97	31167	0.55	ug/L 91
34) Trichloroethene	8.71	95	1925701	39.45	ug/L 97

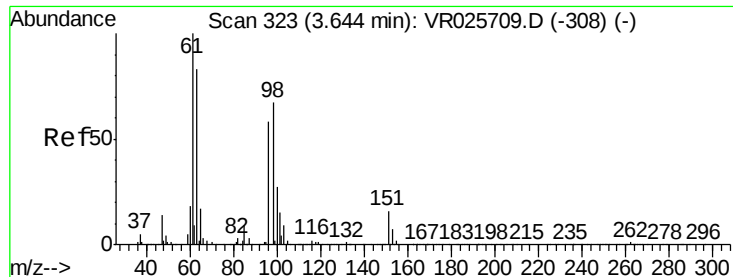
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 2.78 ug/L

RT: 3.65 min Scan# 324

Delta R.T. 0.01 min

Lab File: VR025720.D

Acq: 13 Sep 2018 18:45

Instrument :

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ClientSampleId :

C0KQ4

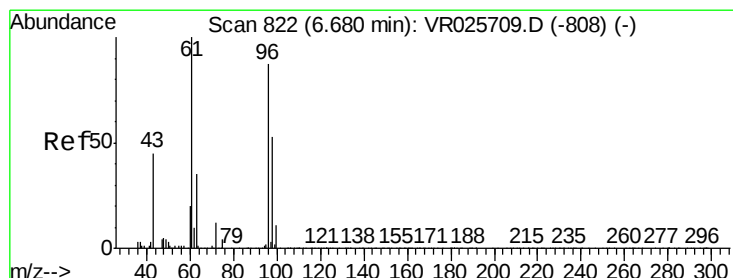
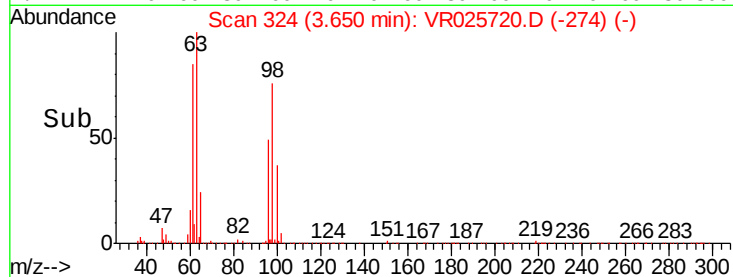
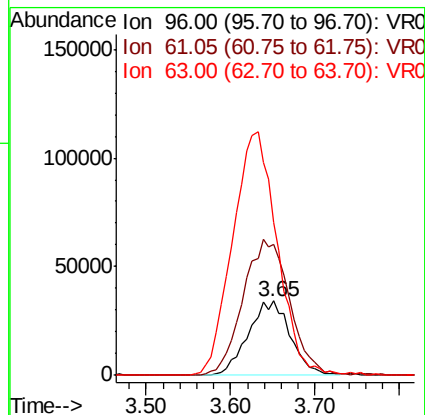
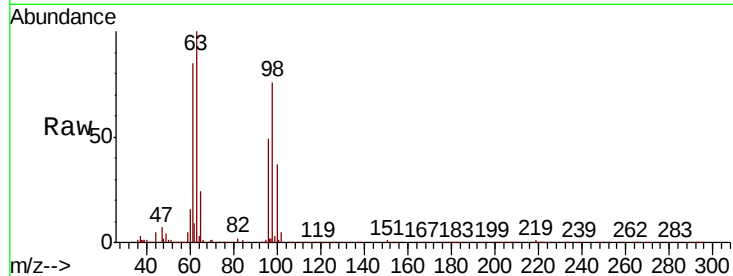
Tot Ion: 96 Resp: 116690

Ion Ratio Lower Upper

96 100

61 175.7 128.4 238.4

63 206.1 101.1 187.7#



#22

cis-1,2-Dichloroethene

Concen: 2.33 ug/L

RT: 6.68 min Scan# 822

Delta R.T. 0.00 min

Lab File: VR025720.D

Acq: 13 Sep 2018 18:45

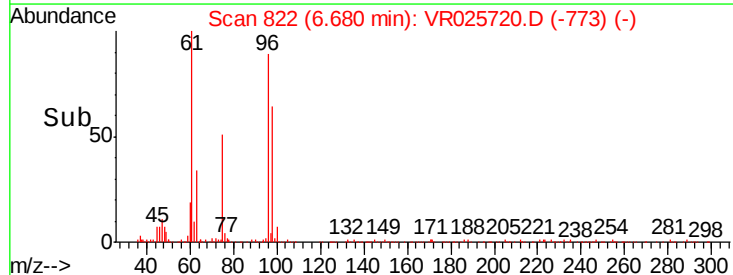
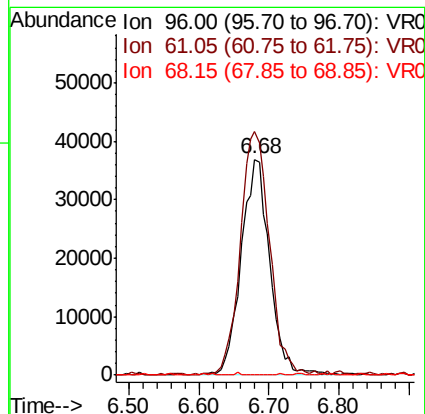
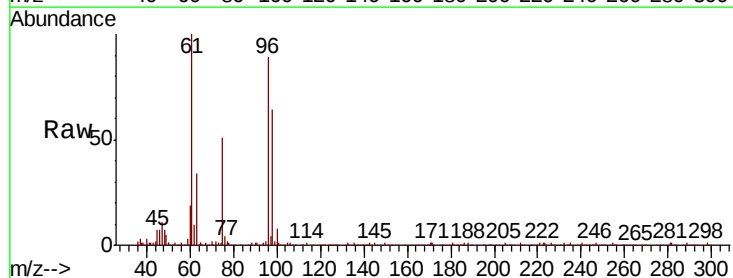
Tgt Ion: 96 Resp: 103801

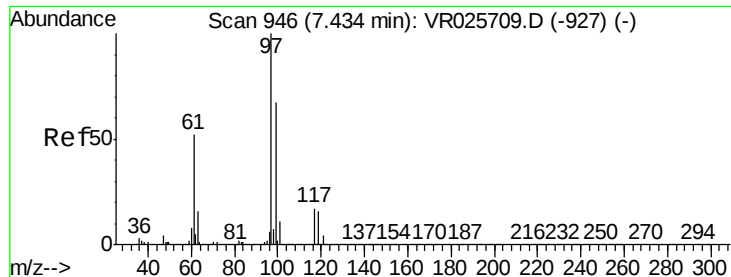
Ion Ratio Lower Upper

96 100

61 112.8 79.9 148.5

68 0.3 0.2 0.4

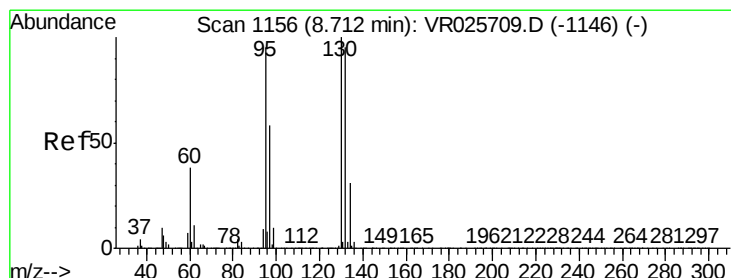
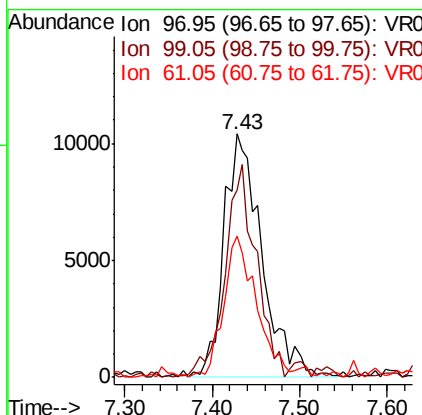
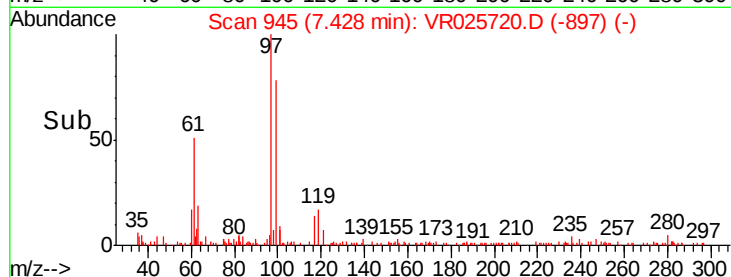
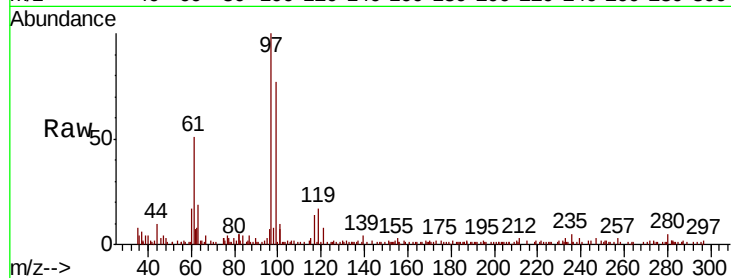




#29
1,1,1-Trichloroethane
Concen: 0.55 ug/L
RT: 7.43 min Scan# 945
Delta R.T. -0.01 min
Lab File: VR025720.D
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Tot Ion	Ratio	Lower	Upper
97	100		
99	71.8	51.3	76.9
61	50.2	36.2	54.4



#34
Trichloroethene
Concen: 39.45 ug/L
RT: 8.71 min Scan# 1156
Delta R.T. 0.00 min
Lab File: VR025720.D
Acq: 13 Sep 2018 18:45

Tgt Ion	Ratio	Lower	Upper
95	100		
97	65.8	45.5	84.5
132	97.4	71.0	131.9
130	102.2	74.5	138.3

