

Data File : VR025455.D
Acq On : 12 Jul 2018 17:01
Operator : SY/MD
Sample : J3960-01
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C0AF9

Quant Time: Jul 13 00:58:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 13 00:37:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	755696	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	601154	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	206769	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	104507	5.02	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.40%
7) Chloroethane-d5	2.62	69	88012	4.96	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	3.62	63	234676	3.72	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	6.59	46	295708	45.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.40%
24) Chloroform-d	7.21	84	455494	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	7.89	65	180590	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	7.86	84	993516	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	8.90	67	277399	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	9.97	98	854162	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	10.24	79	68521	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	10.59	63	261262	52.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.56%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	117356	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	187418	5.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.80%

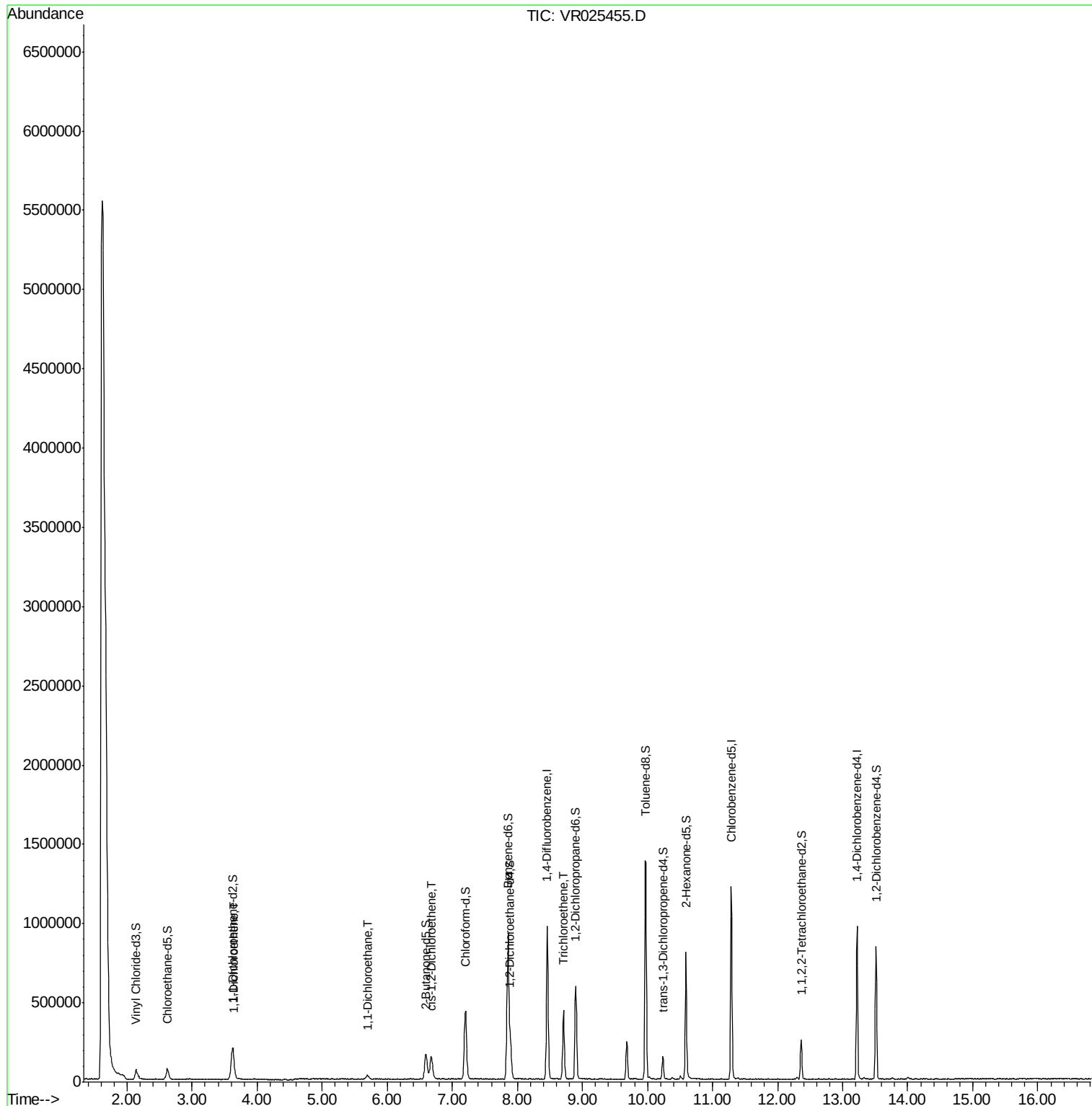
Target Compounds					Qvalue
12) 1,1-Dichloroethene	3.65	96	12364	0.547 ug/L #	1
19) 1,1-Dichloroethane	5.70	63	36190	0.375 ug/L	95
22) cis-1,2-Dichloroethene	6.68	96	82429	1.598 ug/L	100
34) Trichloroethene	8.71	95	151230	2.867 ug/L	97

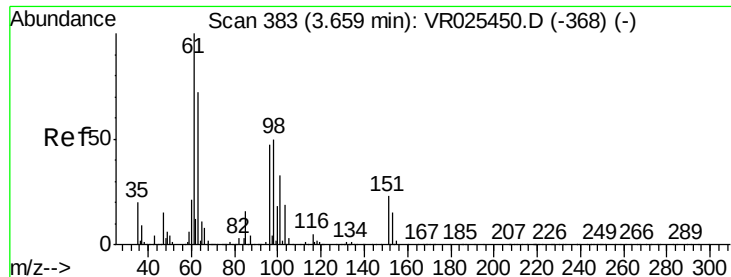
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.547 ug/L

RT: 3.65 min Scan# 381

Delta R.T. -0.01 min

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Acq: 12 Jul 2018 17:01

Instrument :

MSVOA_R

ClientSampleId :

C0AF9

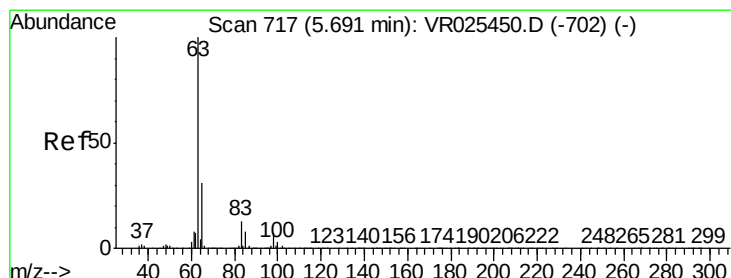
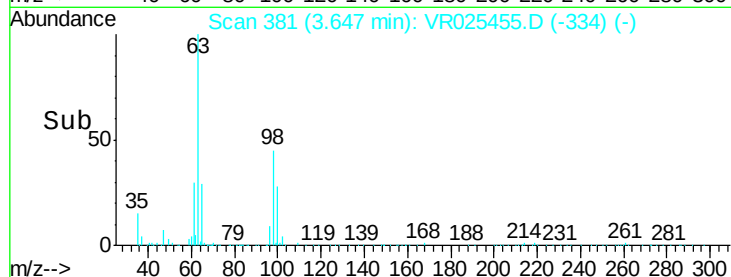
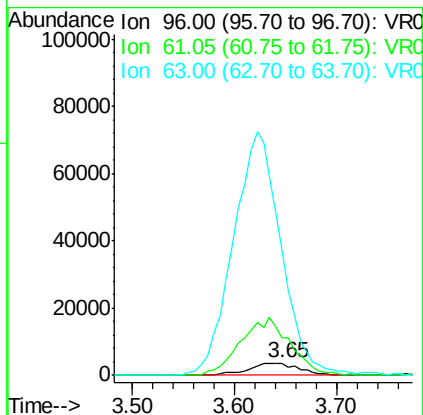
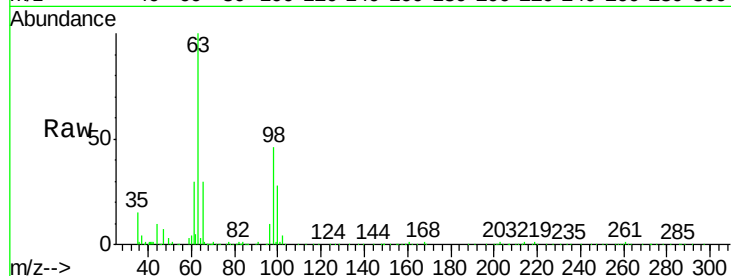
Tgt Ion: 96 Resp: 12364

Ion Ratio Lower Upper

96 100

61 316.9 155.0 287.9#

63 1051.8 122.3 227.1#



#19

1,1-Dichloroethane

Concen: 0.375 ug/L

RT: 5.70 min Scan# 718

Delta R.T. 0.01 min

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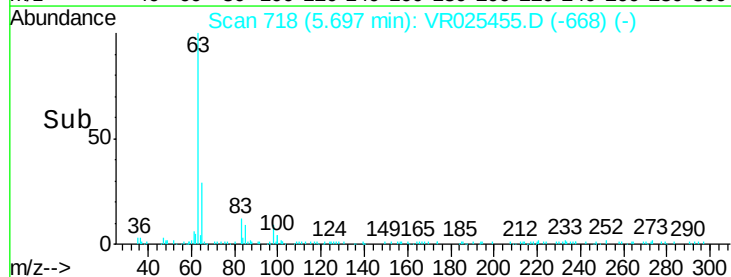
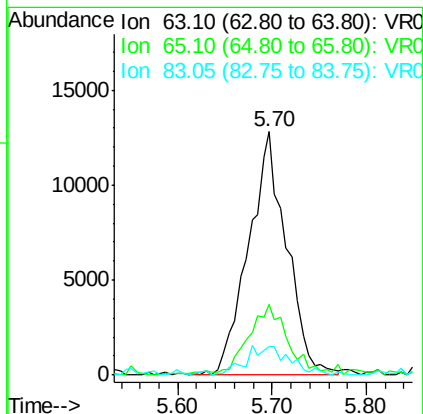
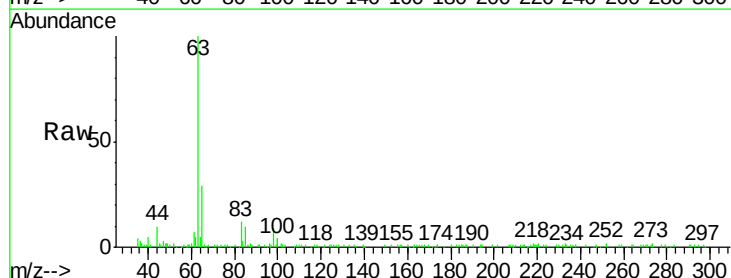
Tgt Ion: 63 Resp: 36190

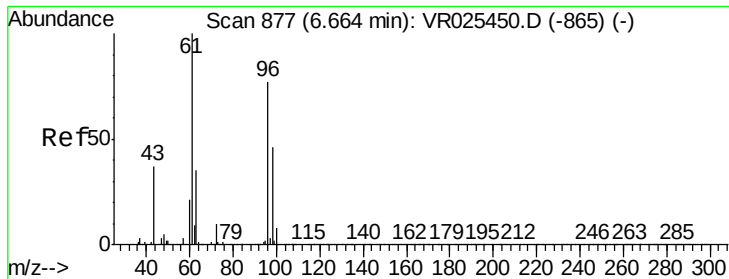
Ion Ratio Lower Upper

63 100

65 29.0 22.5 41.7

83 12.0 9.5 17.7



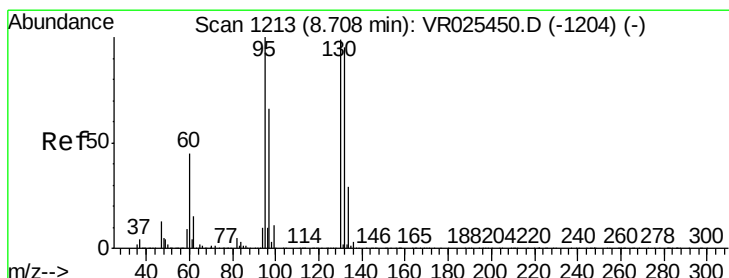
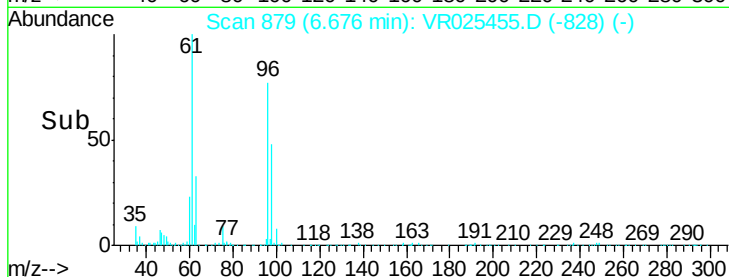
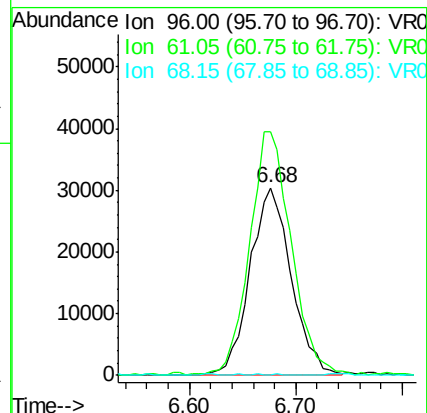
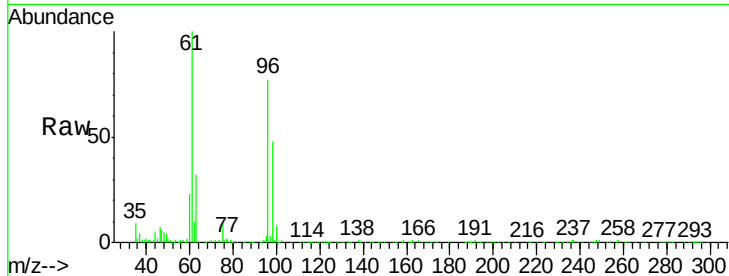


#22

cis-1,2-Dichloroethene
 Concen: 1.598 ug/L
 RT: 6.68 min Scan# 879
 Delta R.T. 0.01 min
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 MSVOA_R
 ClientSampled :
 C0AF9

Tgt Ion: 96 Resp: 82429
 Ion Ratio Lower Upper
 96 100
 61 129.7 91.0 169.0
 68 0.0 0.0 0.0



#34

Trichloroethene
 Concen: 2.867 ug/L
 RT: 8.71 min Scan# 1214
 Delta R.T. 0.01 min
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Tgt Ion: 95 Resp: 151230
 Ion Ratio Lower Upper
 95 100
 97 60.8 45.6 84.6
 132 88.5 60.9 113.1
 130 90.3 62.0 115.2

