

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR082418\
 Data File : VR025643.D
 Acq On : 24 Aug 2018 19:42
 Operator : SY/MD
 Sample : J4643-03
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 H0K12

Quant Time: Aug 25 00:36:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR082118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 24 23:05:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	571392	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	461874	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	147510	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	139574	3.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.00%
7) Chloroethane-d5	2.62	69	127002	3.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.20%
11) 1,1-Dichloroethene-d2	3.63	63	259530	2.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.40%#
20) 2-Butanone-d5	6.59	46	215156	75.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	151.84%#
24) Chloroform-d	7.20	84	275970	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
26) 1,2-Dichloroethane-d4	7.89	65	102753	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
32) Benzene-d6	7.85	84	683581	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	8.90	67	193351	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	9.97	98	593716	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	10.24	79	38542	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	10.59	63	201413	67.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	135.52%#
57) 1,1,2,2-Tetrachloroethane-	12.36	84	79404	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	131884	5.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.80%

Target Compounds

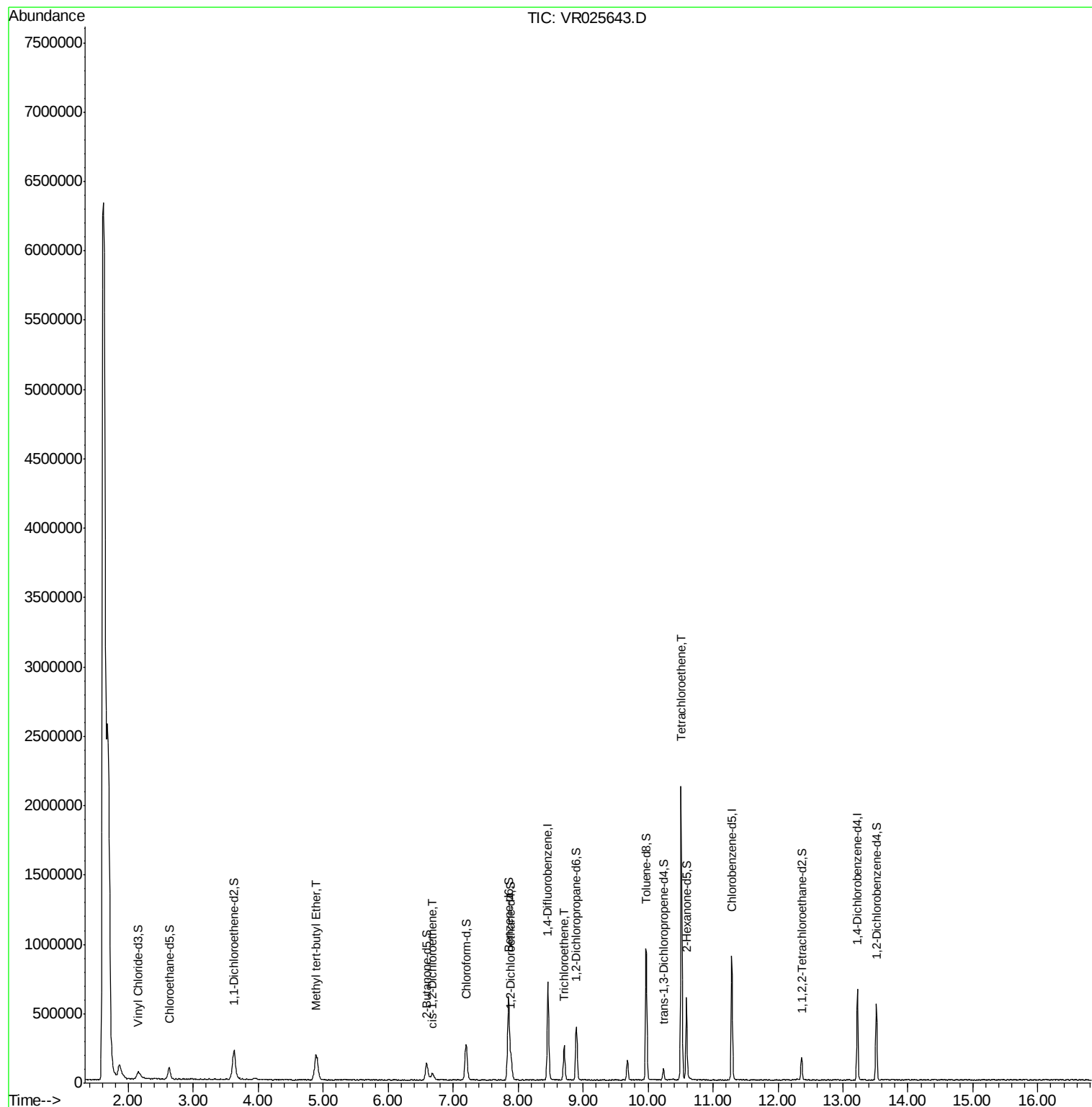
					Qvalue
17) Methyl tert-butyl Ether	4.89	73	310151	6.741 ug/L	98
22) cis-1,2-Dichloroethene	6.68	96	22381	0.550 ug/L #	80
34) Trichloroethene	8.71	95	85991	2.226 ug/L	91
47) Tetrachloroethene	10.52	164	447526	15.147 ug/L	95

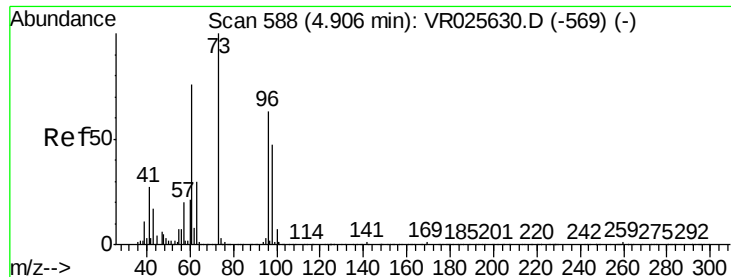
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR082418\
Data File : VR025643.D
Acq On : 24 Aug 2018 19:42
Operator : SY/MD
Sample : J4643-03
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
H0K12

Quant Time: Aug 25 00:36:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR082118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 24 23:05:03 2018
Response via : Initial Calibration

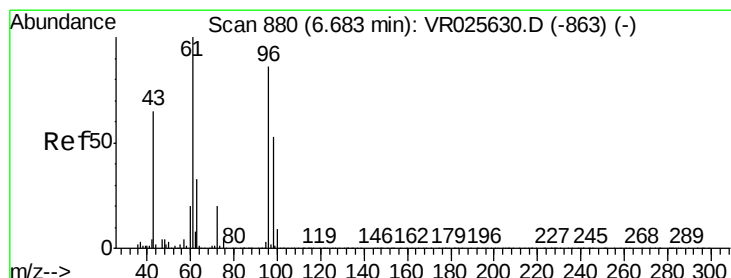
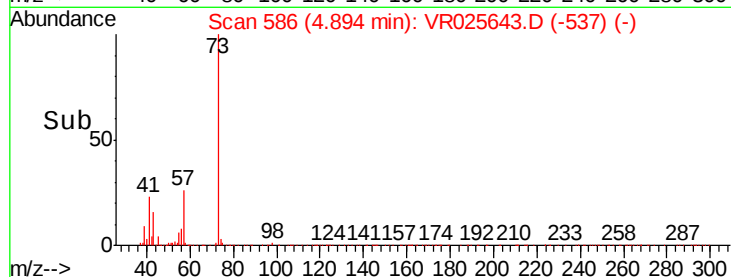
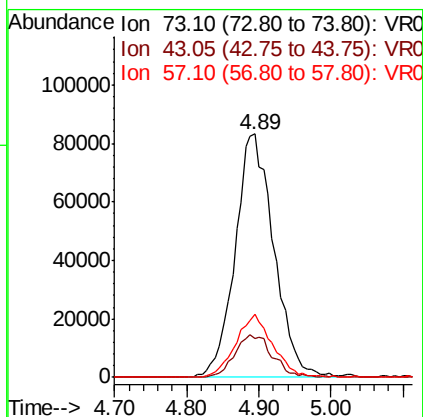
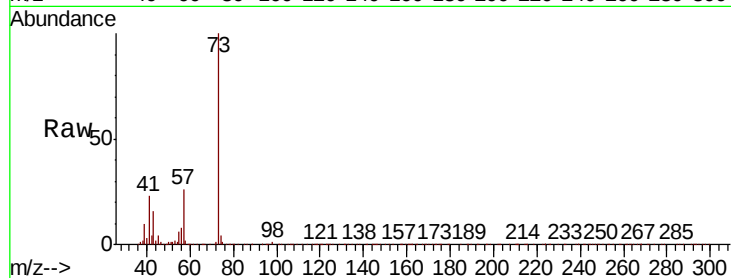




#17
Methyl tert-butyl Ether
Concen: 6.741 ug/L
RT: 4.89 min Scan# 586
Delta R.T. 0.00 min
Lab File: VR025643.D
Acq: 24 Aug 2018 19:42

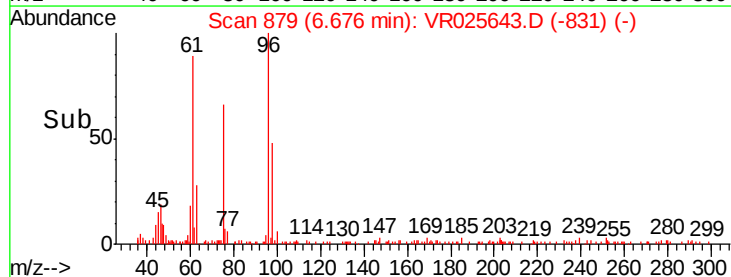
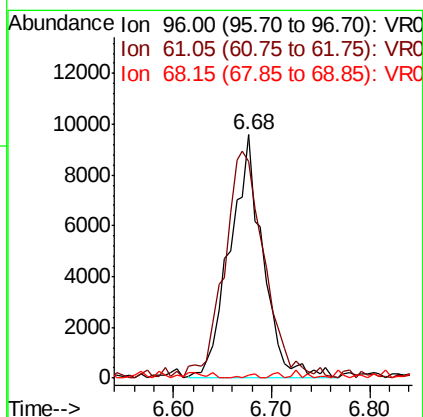
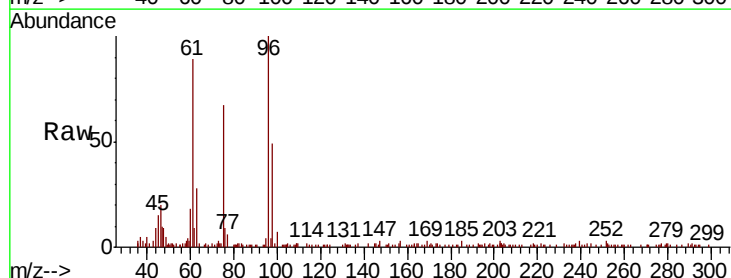
Instrument :
MSVOA_R
ClientSampled :
H0K12

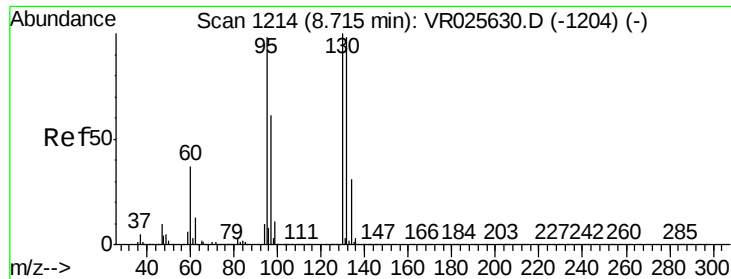
Tgt Ion:	73	Resp:	310151
Ion	Ratio	Lower	Upper
73	100		
43	17.0	14.8	22.2
57	24.3	19.9	29.9



#22
cis-1,2-Dichloroethene
Concen: 0.550 ug/L
RT: 6.68 min Scan# 879
Delta R.T. -0.01 min
Lab File: VR025643.D
Acq: 24 Aug 2018 19:42

Tgt Ion:	96	Resp:	22381
Ion	Ratio	Lower	Upper
96	100		
61	88.9	76.7	142.5
68	1.2	0.1	0.3#





#34

Trichloroethene

Concen: 2.226 ug/L

RT: 8.71 min Scan# 1213

Delta R.T. 0.00 min

Lab File: VR025643.D

Acq: 24 Aug 2018 19:42

Instrument :

MSVOA_R

ClientSampleId :

H0K12

Tgt Ion: 95 Resp: 85991

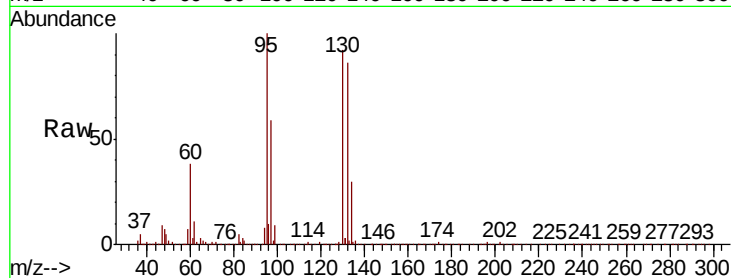
Ion Ratio Lower Upper

95 100

97 59.5 45.7 84.9

132 86.2 66.6 123.6

130 92.2 72.2 134.0

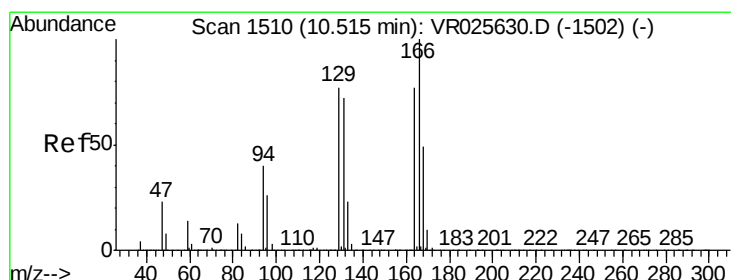
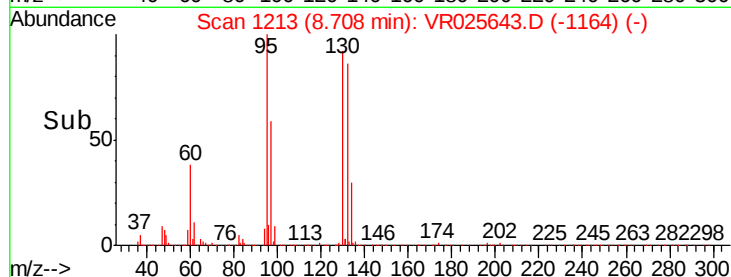
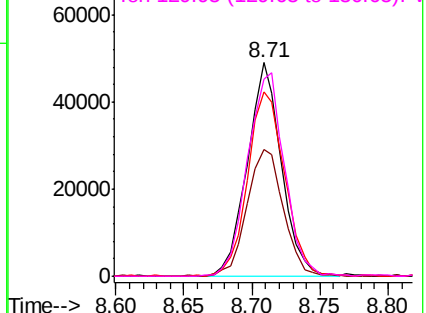


Abundance Ion 95.00 (94.70 to 95.70): VR0

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



#47

Tetrachloroethene

Concen: 15.147 ug/L

RT: 10.52 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VR025643.D

Acq: 24 Aug 2018 19:42

Tgt Ion: 164 Resp: 447526

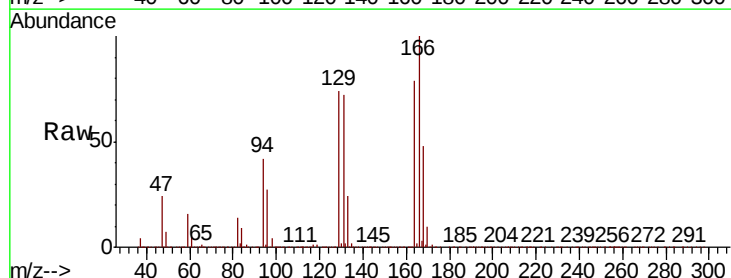
Ion Ratio Lower Upper

164 100

129 93.2 68.7 127.5

131 91.4 66.4 123.4

166 126.4 84.6 157.0



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

