

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101218\
 Data File : VR026059.D
 Acq On : 12 Oct 2018 13:50
 Operator : SY/MD
 Sample : J5315-14DL 5X
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0JA5DL

Quant Time: Oct 13 01:30:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 13 00:51:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	469368	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	397361	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	133375	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	179811	4.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.20%
7) Chloroethane-d5	2.63	69	171209	5.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.20%
11) 1,1-Dichloroethene-d2	3.63	63	312069	3.59	ug/L	0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	6.59	46	247321	59.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.88%
24) Chloroform-d	7.20	84	325289	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	7.90	65	149258	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
32) Benzene-d6	7.85	84	594778	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	8.90	67	175201	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	9.97	98	524868	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	10.24	79	37645	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	10.59	63	189622	61.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.94%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	75006	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.80%
64) 1,2-Dichlorobenzene-d4	13.52	152	111641	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

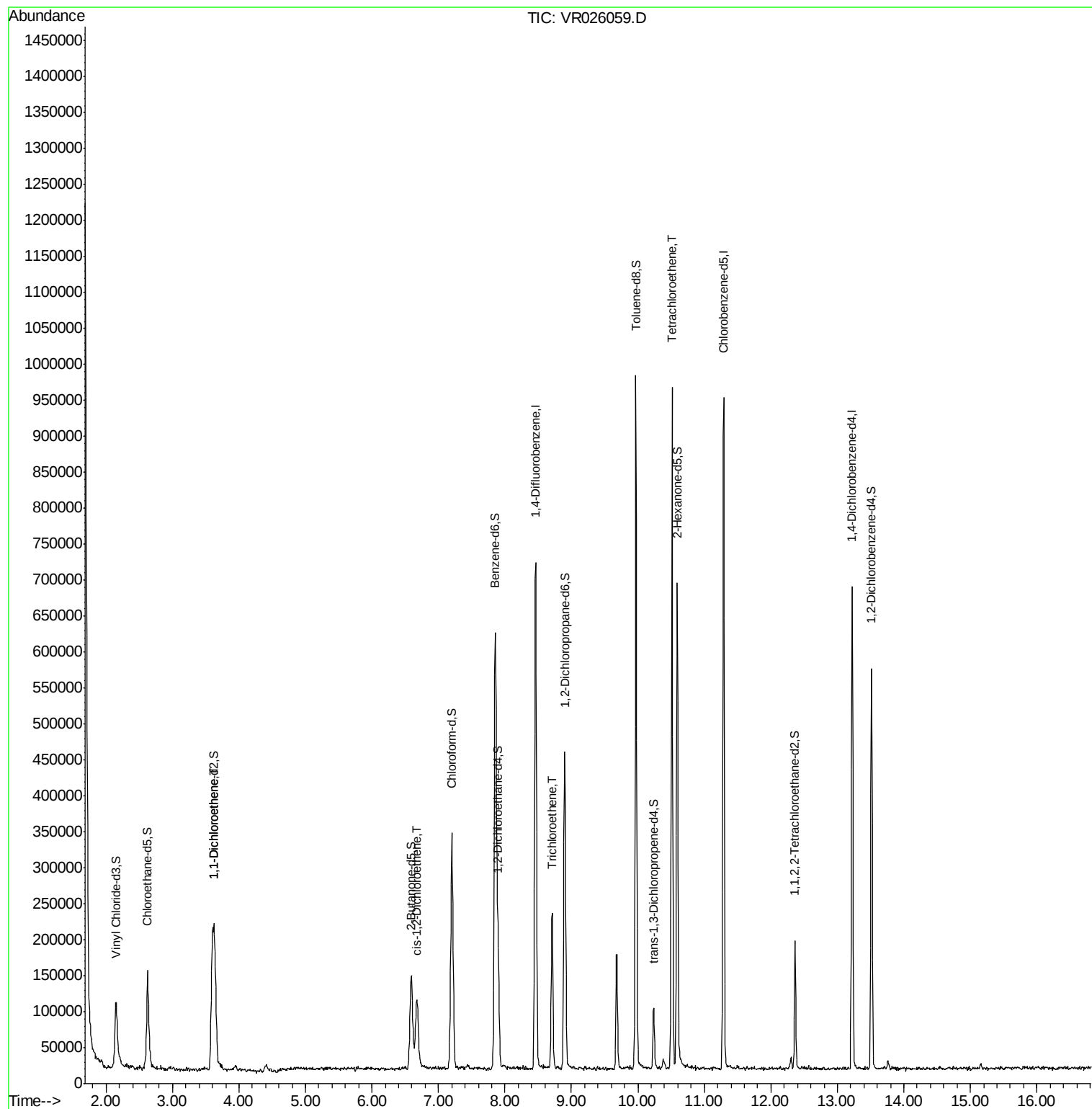
					Qvalue
12) 1,1-Dichloroethene	3.63	96	6876	0.194 ug/L #	1
22) cis-1,2-Dichloroethene	6.67	96	46646	1.582 ug/L #	89
34) Trichloroethene	8.71	95	69198	1.970 ug/L	86
47) Tetrachloroethene	10.51	164	160391	7.412 ug/L	90

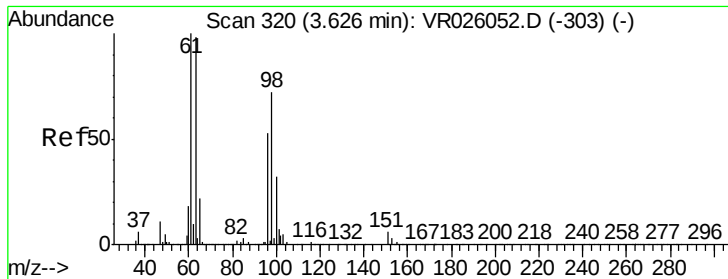
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.194 ug/L

RT: 3.63 min Scan# 320

Delta R.T. -0.00 min

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Instrument :

MSVOA_R

ClientSampleId :

C0JA5DL

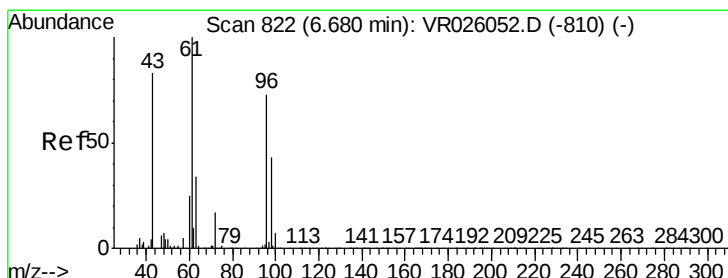
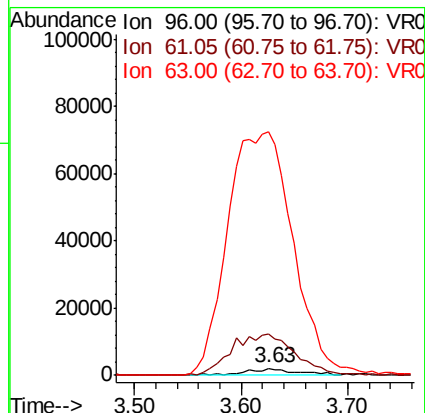
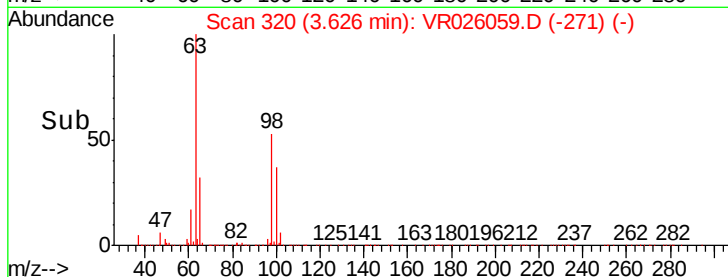
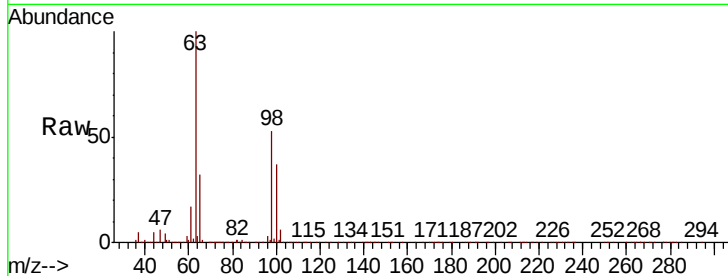
Tgt Ion: 96 Resp: 6876

Ion Ratio Lower Upper

96 100

61 568.5 145.0 269.4#

63 3377.8 123.8 230.0#



#22

cis-1,2-Dichloroethene

Concen: 1.582 ug/L

RT: 6.67 min Scan# 820

Delta R.T. -0.01 min

Lab File: VR026059.D

Acq: 12 Oct 2018 13:50

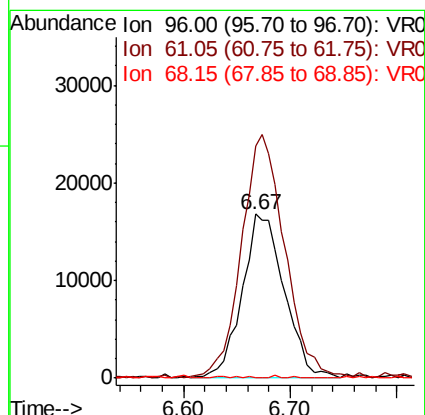
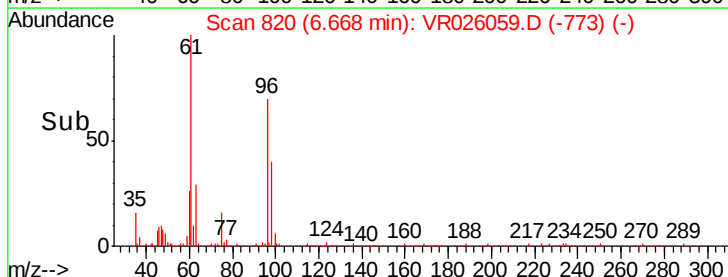
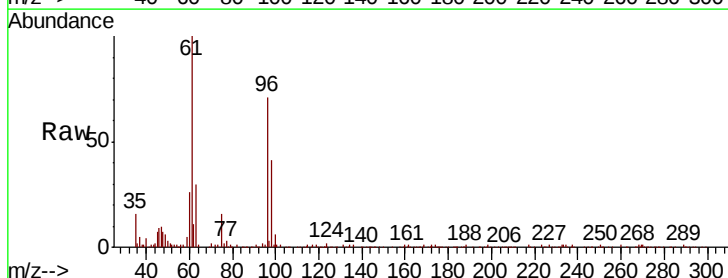
Tgt Ion: 96 Resp: 46646

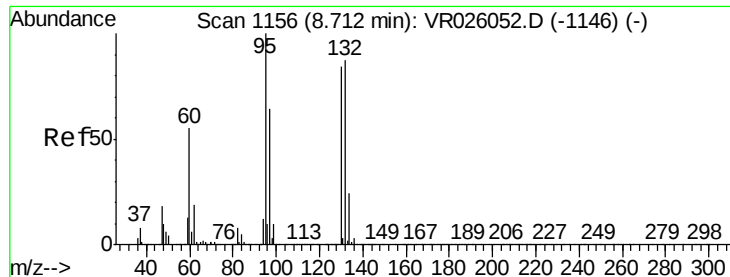
Ion Ratio Lower Upper

96 100

61 141.2 108.7 201.9

68 0.6 0.1 0.1#





#34

Trichloroethene

Concen: 1.970 ug/L

RT: 8.71 min Scan# 1156

Delta R.T. -0.00 min

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Acq: 12 Oct 2018 13:50

Instrument :

MSVOA_R

ClientSampled :

C0JA5DL

Tgt Ion: 95 Resp: 69198

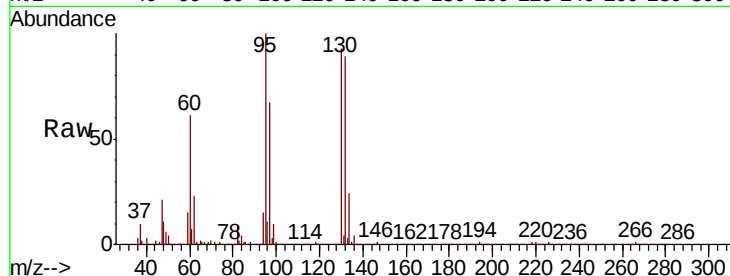
Ion Ratio Lower Upper

95 100

97 67.5 43.9 81.5

132 89.0 53.3 98.9

130 92.8 53.8 99.8

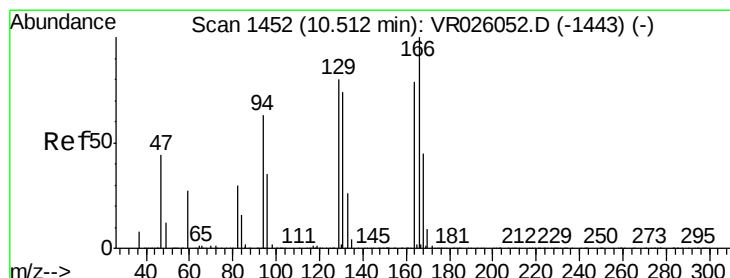
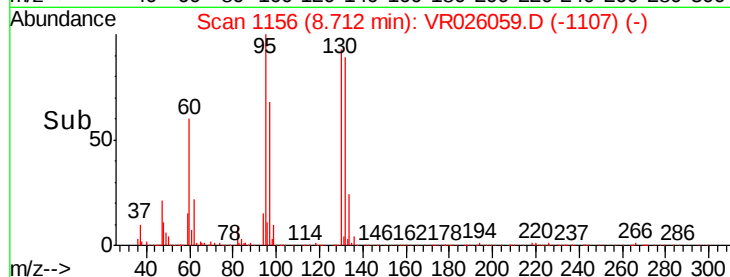
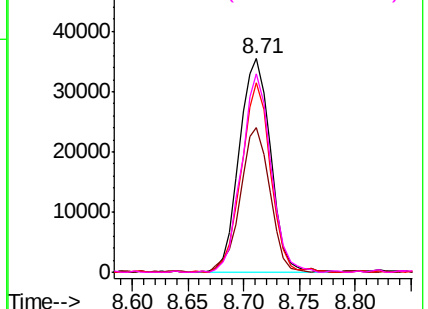


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 7.412 ug/L

RT: 10.51 min Scan# 1452

Delta R.T. -0.00 min

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Acq: 12 Oct 2018 13:50

Tgt Ion: 164 Resp: 160391

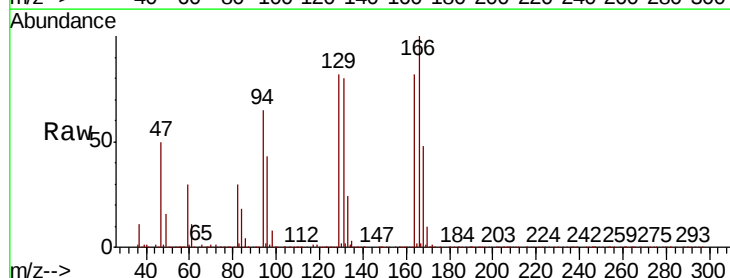
Ion Ratio Lower Upper

164 100

129 100.3 80.8 150.2

131 98.0 74.5 138.3

166 122.7 92.5 171.7



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

