

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR100818\
 Data File : VR025980.D
 Acq On : 8 Oct 2018 11:32
 Operator : SY/MD
 Sample : VR1008WBL01
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 09 05:30:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 09 05:29:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	520490	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	430242	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	149160	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.17	65	175995	4.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.80%
7) Chloroethane-d5	2.63	69	157403	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	3.63	63	321652	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	6.59	46	196894	43.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.06%
24) Chloroform-d	7.20	84	302469	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
26) 1,2-Dichloroethane-d4	7.90	65	136613	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
32) Benzene-d6	7.85	84	605690	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
36) 1,2-Dichloropropane-d6	8.90	67	162421	4.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.20%
41) Toluene-d8	9.97	98	553259	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
43) trans-1,3-Dichloropropene-	10.24	79	40500	4.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
46) 2-Hexanone-d5	10.59	63	145191	43.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.94%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	61991	3.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	108824	4.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.20%

Target Compounds

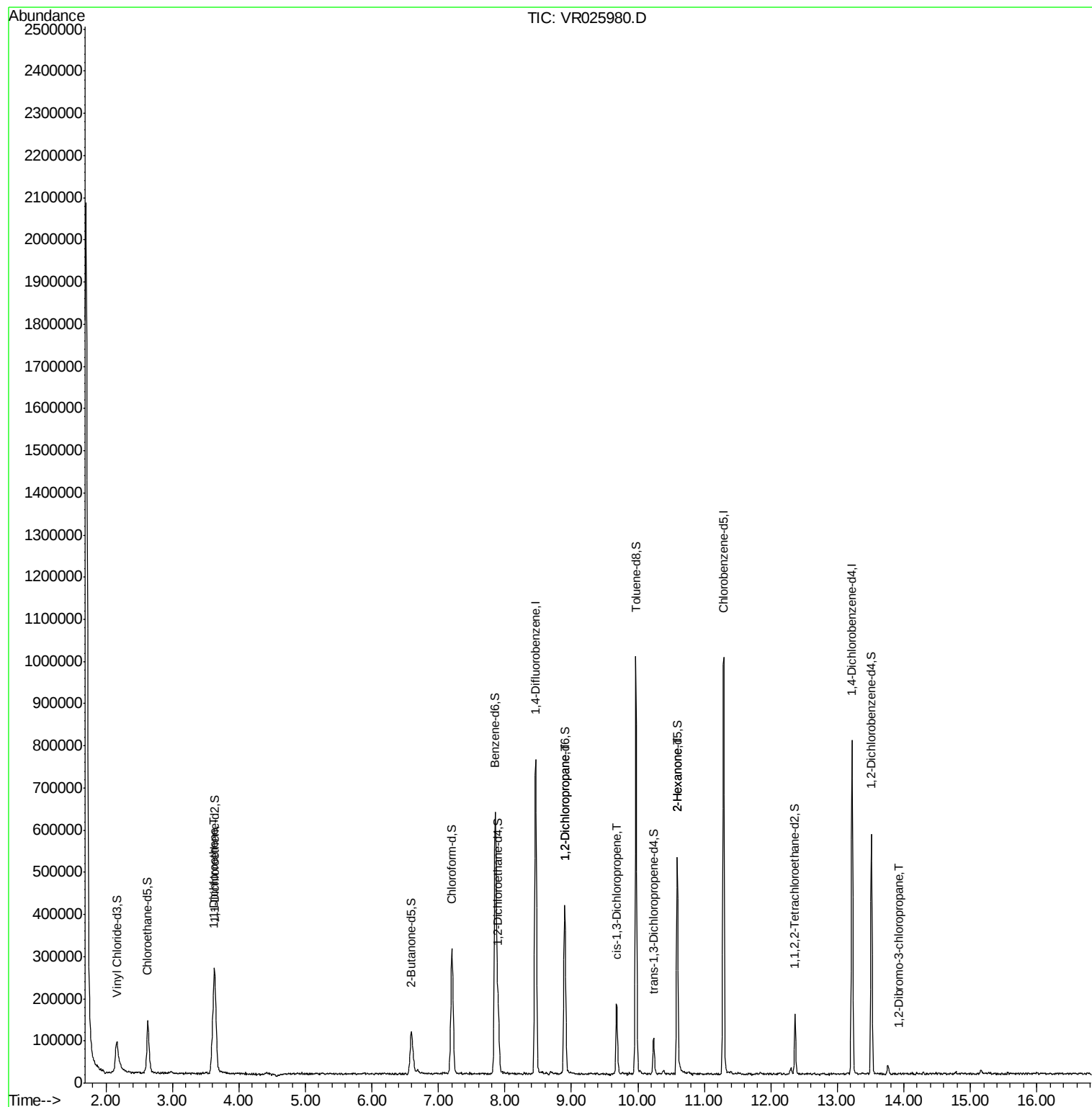
				Ovalue	
12) 1,1-Dichloroethene	3.62	96	3779	0.096	ug/L # 1
37) 1,2-Dichloropropane	8.91	63	20816	0.672	ug/L 100
39) cis-1,3-Dichloropropene	9.69	75	6152	0.177	ug/L # 46
48) 2-Hexanone	10.59	43	24425	3.427	ug/L # 70
66) 1,2-Dibromo-3-chloropropan	13.92	75	257	0.174	ug/L 95

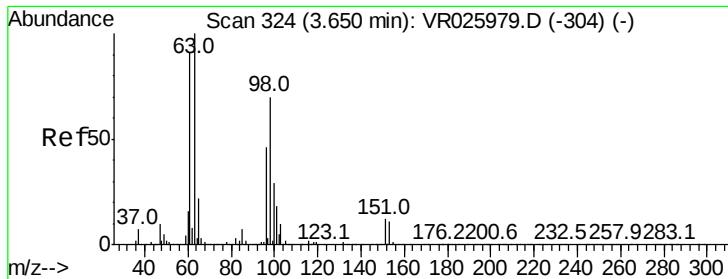
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 09 05:29:53 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.096 ug/L

RT: 3.62 min Scan# 319

Delta R.T. -0.03 min

Lab File: VR025980.D

Acq: 8 Oct 2018 11:32

Instrument :

MSVOA_R

ClientSampleId :

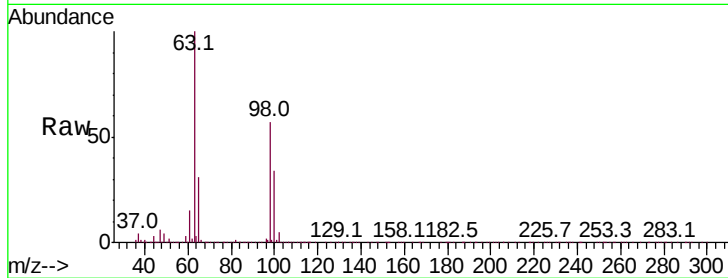
Tot Ion: 96 Resp: 3779

Ion Ratio Lower Upper

96 100

61 967.5 145.0 269.4#

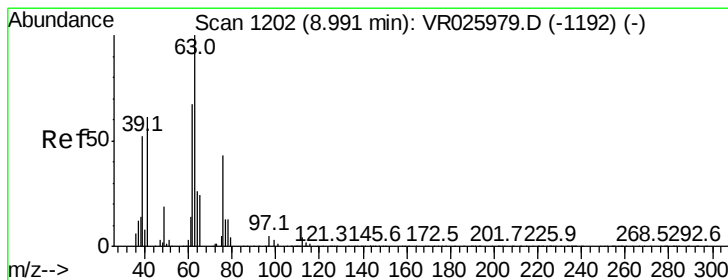
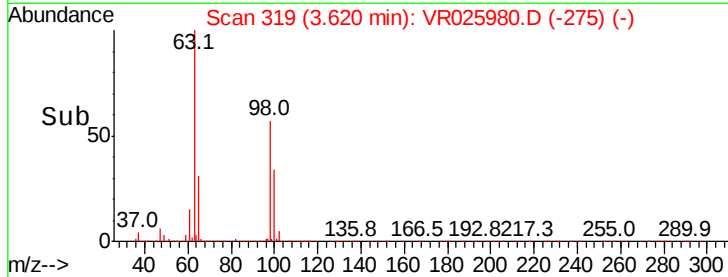
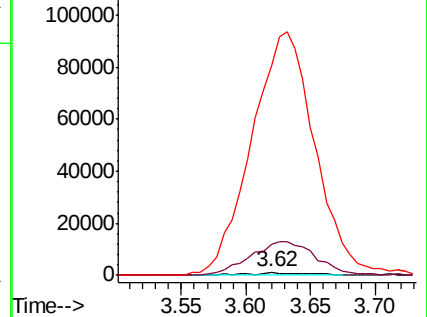
63 6435.8 123.8 230.0#



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



#37

1,2-Dichloropropane

Concen: 0.672 ug/L

RT: 8.91 min Scan# 1188

Delta R.T. -0.09 min

Lab File: VR025980.D

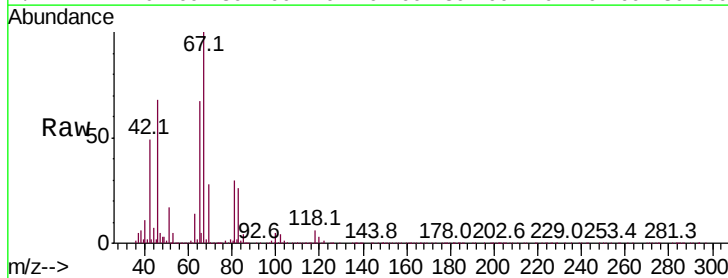
Acq: 8 Oct 2018 11:32

Tgt Ion: 63 Resp: 20816

Ion Ratio Lower Upper

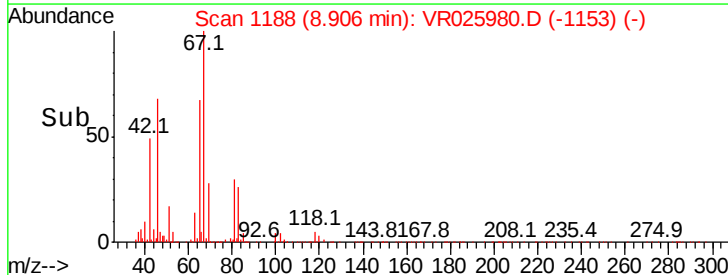
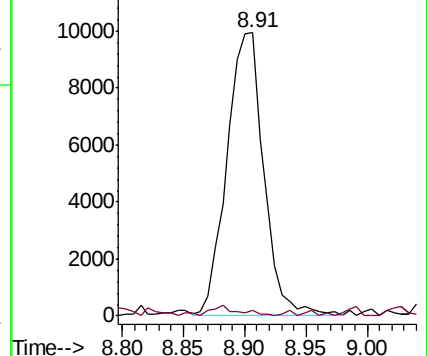
63 100

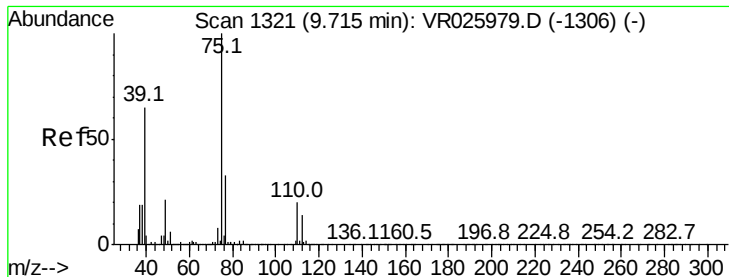
112 3.1 2.5 3.7



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V



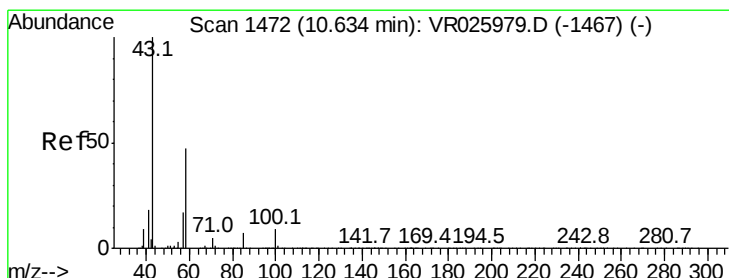
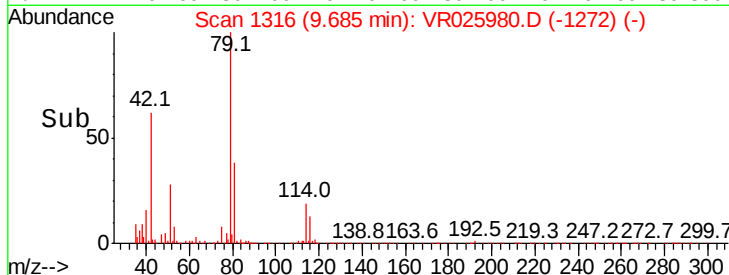
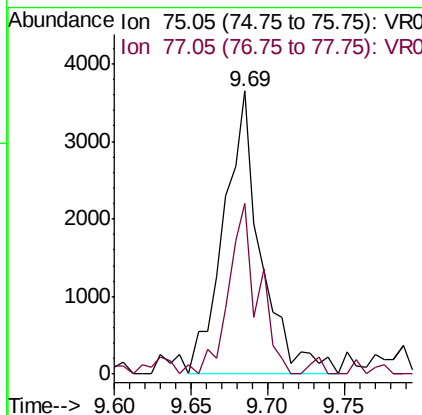
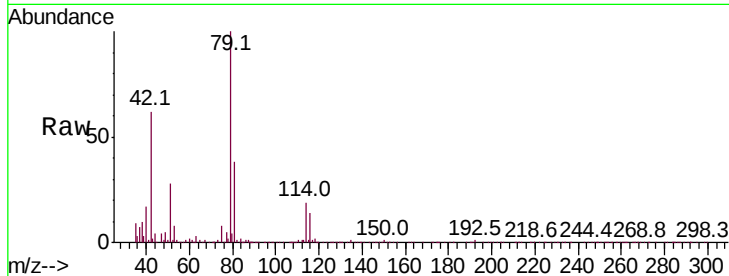


#39

cis-1,3-Dichloropropene
 Concen: 0.177 ug/L
 RT: 9.69 min Scan# 1316
 Delta R.T. -0.03 min
 Lab File: VR025980.D
 Acq: 8 Oct 2018 11:32

Instrument :
 MSVOA_R
 ClientSampleId :

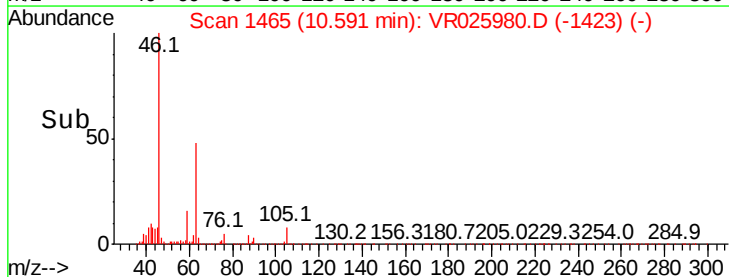
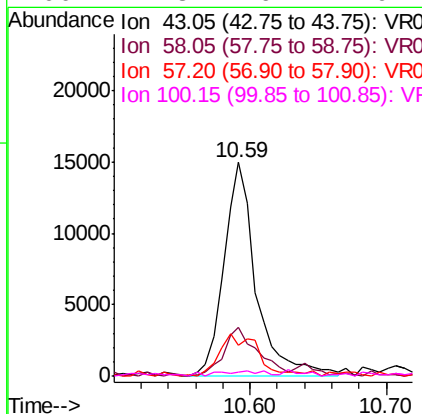
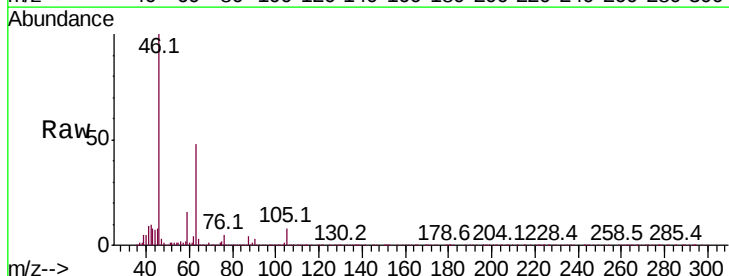
Tot Ion: 75 Resp: 6152
 Ion Ratio Lower Upper
 75 100
 77 60.3 21.5 39.9#

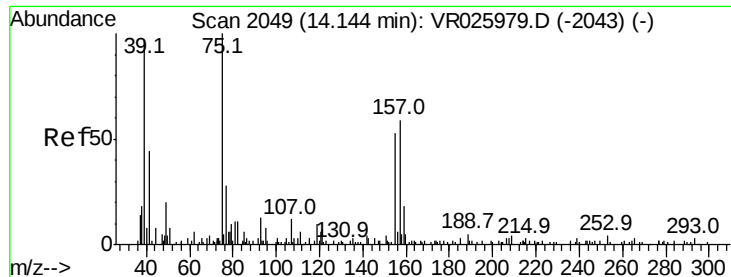


#48

2-Hexanone
 Concen: 3.427 ug/L
 RT: 10.59 min Scan# 1465
 Delta R.T. -0.04 min
 Lab File: VR025980.D
 Acq: 8 Oct 2018 11:32

Tgt Ion: 43 Resp: 24425
 Ion Ratio Lower Upper
 43 100
 58 24.2 39.5 59.3#
 57 24.4 14.6 21.8#
 100 1.3 6.7 10.1#





#66

1,2-Dibromo-3-chloropropane

Concen: 0.174 ug/L

RT: 13.92 min Scan# 2012

Delta R.T. -0.22 min

Lab File: VR025980.D

Acq: 8 Oct 2018 11:32

Instrument :

MSVOA_R

ClientSampleId :

Tot Ion: 75 Resp: 257

Ion Ratio Lower Upper

75 100

155 49.7 37.8 56.6

157 66.3 49.7 74.5

