

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR071918\
 Data File : VR025521.D
 Acq On : 19 Jul 2018 15:04
 Operator : SY/MD
 Sample : VIBLK87
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VIBLK87

Quant Time: Jul 20 01:24:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 20 01:22:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	684315	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	572282	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	205813	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	123525	6.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	131.00%#
7) Chloroethane-d5	2.64	69	86853	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.00%
11) 1,1-Dichloroethene-d2	3.63	63	240037	4.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.00%
20) 2-Butanone-d5	6.59	46	279548	47.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.42%
24) Chloroform-d	7.21	84	442780	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	7.89	65	171580	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	7.86	84	970482	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	8.90	67	262234	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	9.97	98	848415	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
43) trans-1,3-Dichloropropene-	10.24	79	64819	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	10.59	63	231212	48.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.20%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	107118	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	183586	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

Target Compounds

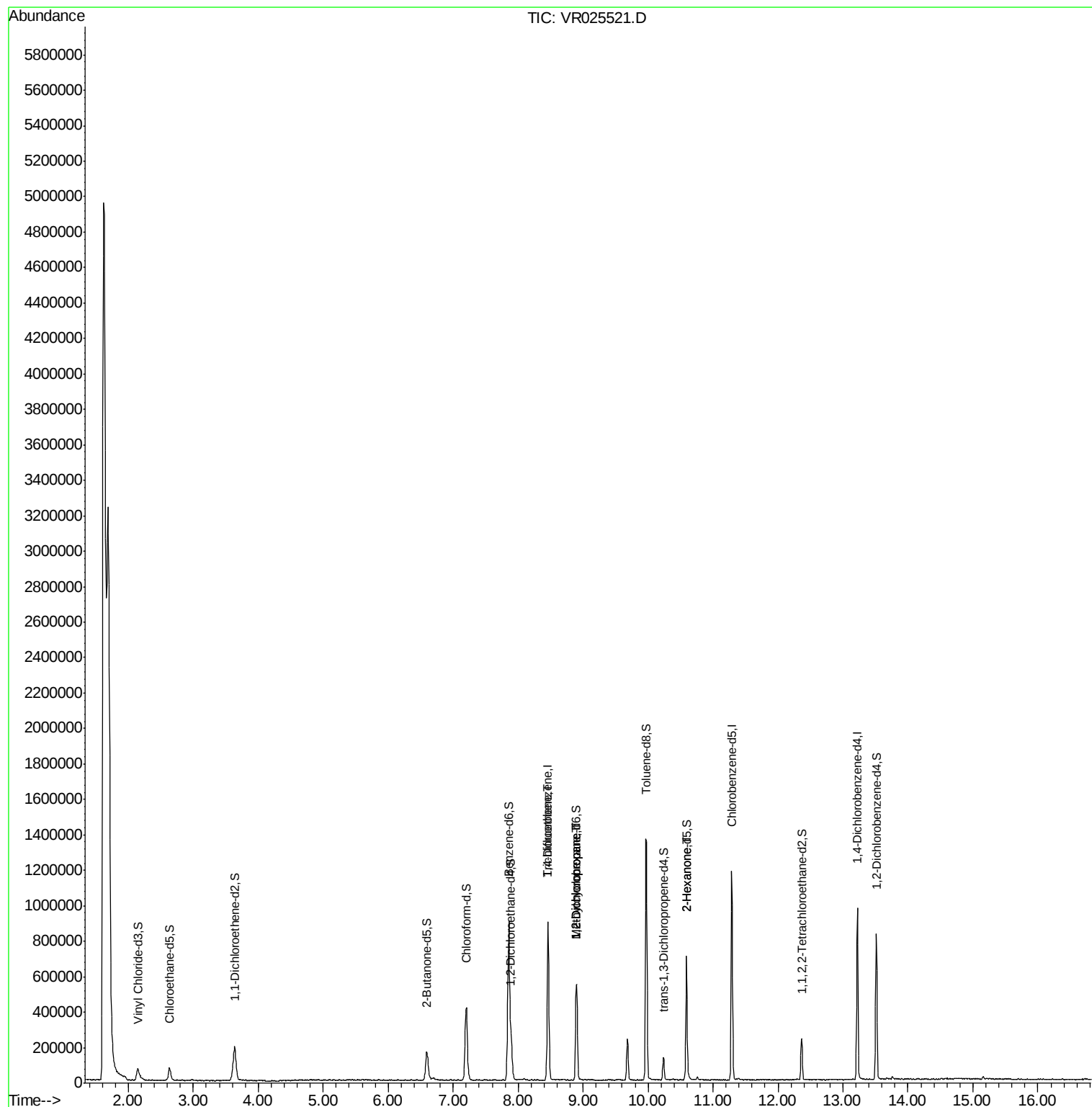
					Qvalue
34) Trichloroethene	8.46	95	20614	0.410 ug/L #	10
35) Methylcyclohexane	8.90	83	62010	0.924 ug/L #	19
37) 1,2-Dichloropropane	8.90	63	27410	0.598 ug/L #	92
48) 2-Hexanone	10.59	43	27171	2.973 ug/L #	68

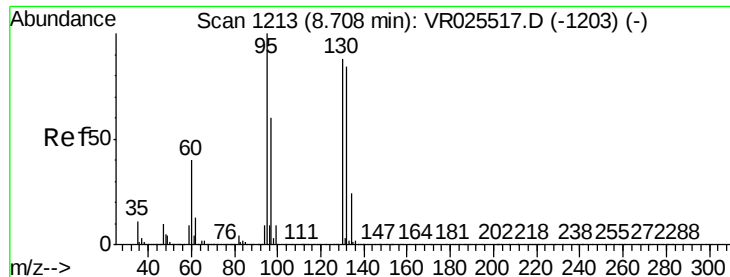
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 20 01:22:24 2018
Response via : Initial Calibration





#34

Trichloroethene

Concen: 0.410 ug/L

RT: 8.46 min Scan# 1172

Delta R.T. -0.25 min

Lab File: VR025521.D

Acq: 19 Jul 2018 15:04

Instrument :

MSVOA_R

ClientSampleId :

VIBLK87

Tgt Ion: 95 Resp: 20614

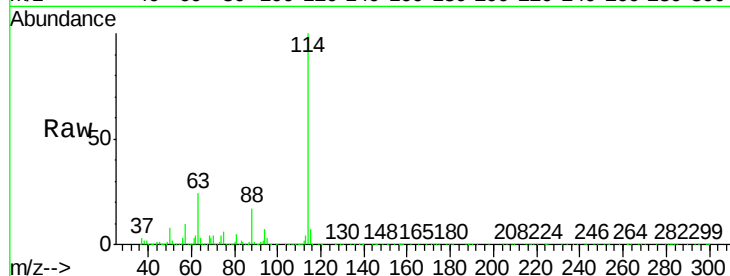
Ion Ratio Lower Upper

95 100

97 2.0 45.6 84.6#

132 0.0 60.9 113.1#

130 1.1 62.0 115.2#

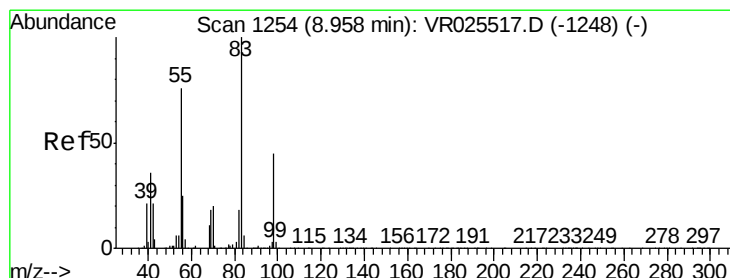
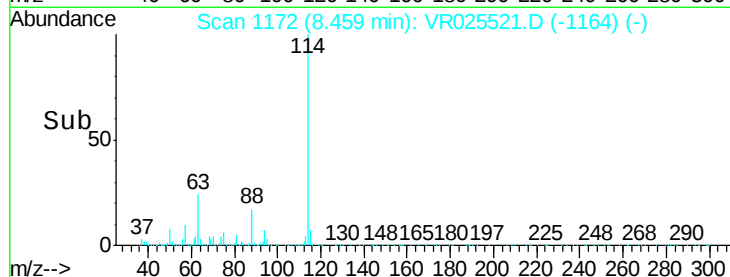
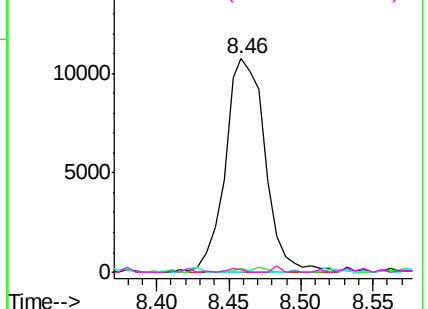


Abundance Ion 95.00 (94.70 to 95.70): VR0

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



#35

Methylcyclohexane

Concen: 0.924 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.06 min

Lab File: VR025521.D

Acq: 19 Jul 2018 15:04

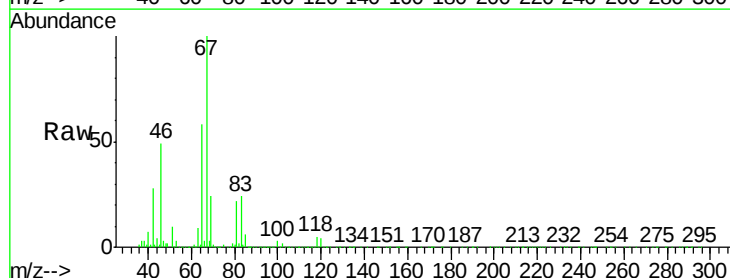
Tgt Ion: 83 Resp: 62010

Ion Ratio Lower Upper

83 100

55 2.5 66.1 99.1#

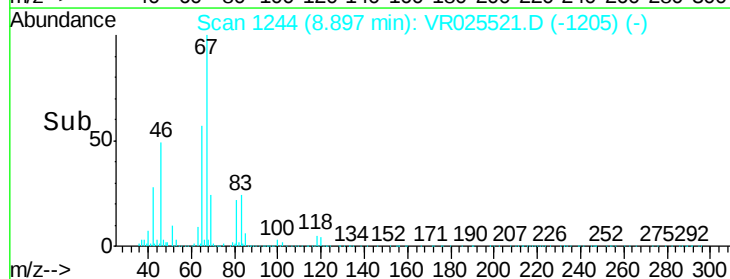
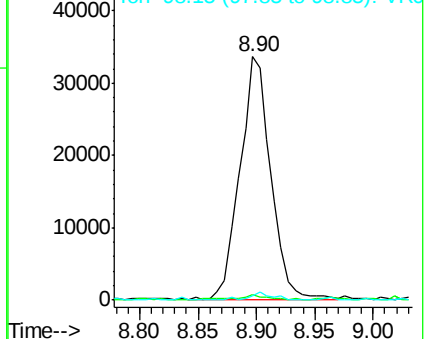
98 2.0 36.2 54.4#

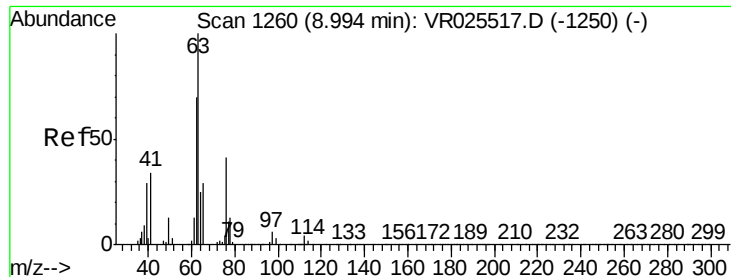


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#37

1,2-Dichloropropane

Concen: 0.598 ug/L

RT: 8.90 min Scan# 1245

Delta R.T. -0.09 min

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Instrument :

MSVOA_R

ClientSampleId :

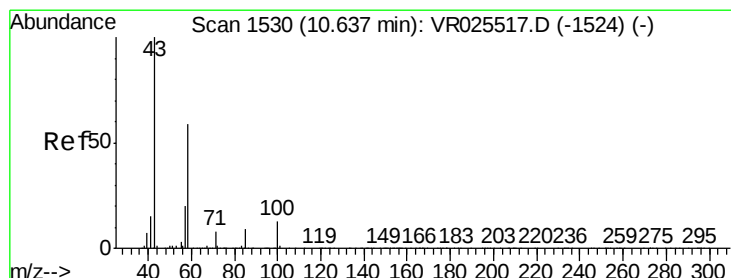
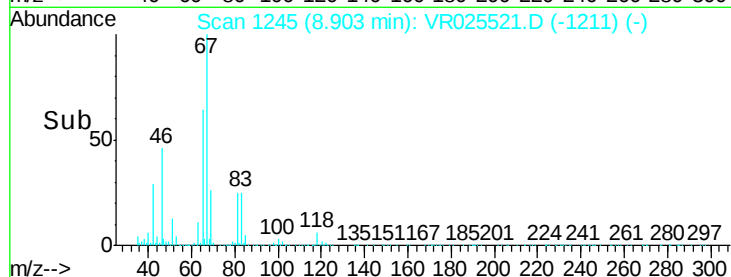
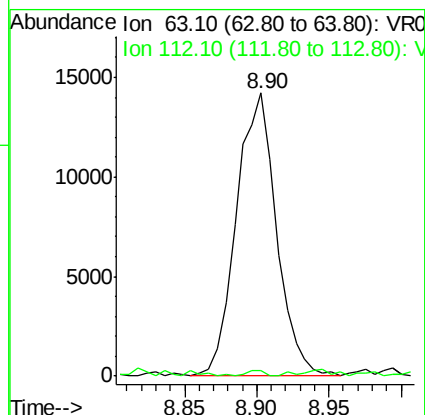
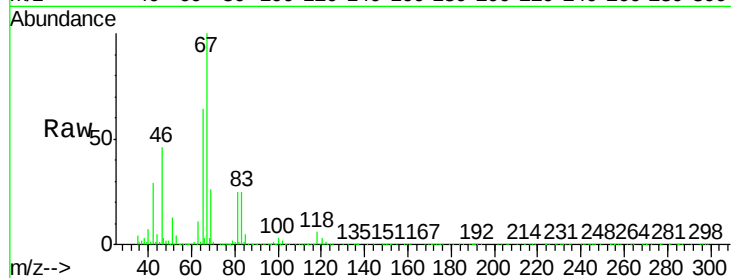
VIBLK87

Tgt Ion: 63 Resp: 27410

Ion Ratio Lower Upper

63 100

112 0.8 2.9 4.3#



#48

2-Hexanone

Concen: 2.973 ug/L

RT: 10.59 min Scan# 1522

Delta R.T. -0.05 min

Lab File: VR025521.D

Acq: 19 Jul 2018 15:04

Tgt Ion: 43 Resp: 27171

Ion Ratio Lower Upper

43 100

58 25.9 43.1 64.7#

57 28.4 15.3 22.9#

100 4.1 7.9 11.9#

