

Data File : VR026201.D
Acq On : 7 Nov 2018 12:51
Operator : SY/MD
Sample : VIBLK90
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VIBLK90

Quant Time: Nov 08 10:17:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 06 15:50:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	665258	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	536508	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	180383	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	175301	3.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.20%
7) Chloroethane-d5	2.62	69	190558	3.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.20%
11) 1,1-Dichloroethene-d2	3.61	63	354219	2.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	49.60%#
20) 2-Butanone-d5	6.59	46	223967	46.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.72%
24) Chloroform-d	7.20	84	343531	3.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.20%
26) 1,2-Dichloroethane-d4	7.90	65	146891	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.40%
32) Benzene-d6	7.85	84	659874	3.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.60%
36) 1,2-Dichloropropane-d6	8.90	67	182266	4.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.80%
41) Toluene-d8	9.97	98	578402	3.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.00%
43) trans-1,3-Dichloropropene-	10.24	79	39522	3.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.80%
46) 2-Hexanone-d5	10.59	63	158537	47.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.06%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	69471	3.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.60%
64) 1,2-Dichlorobenzene-d4	13.52	152	120339	4.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.40%

Target Compounds

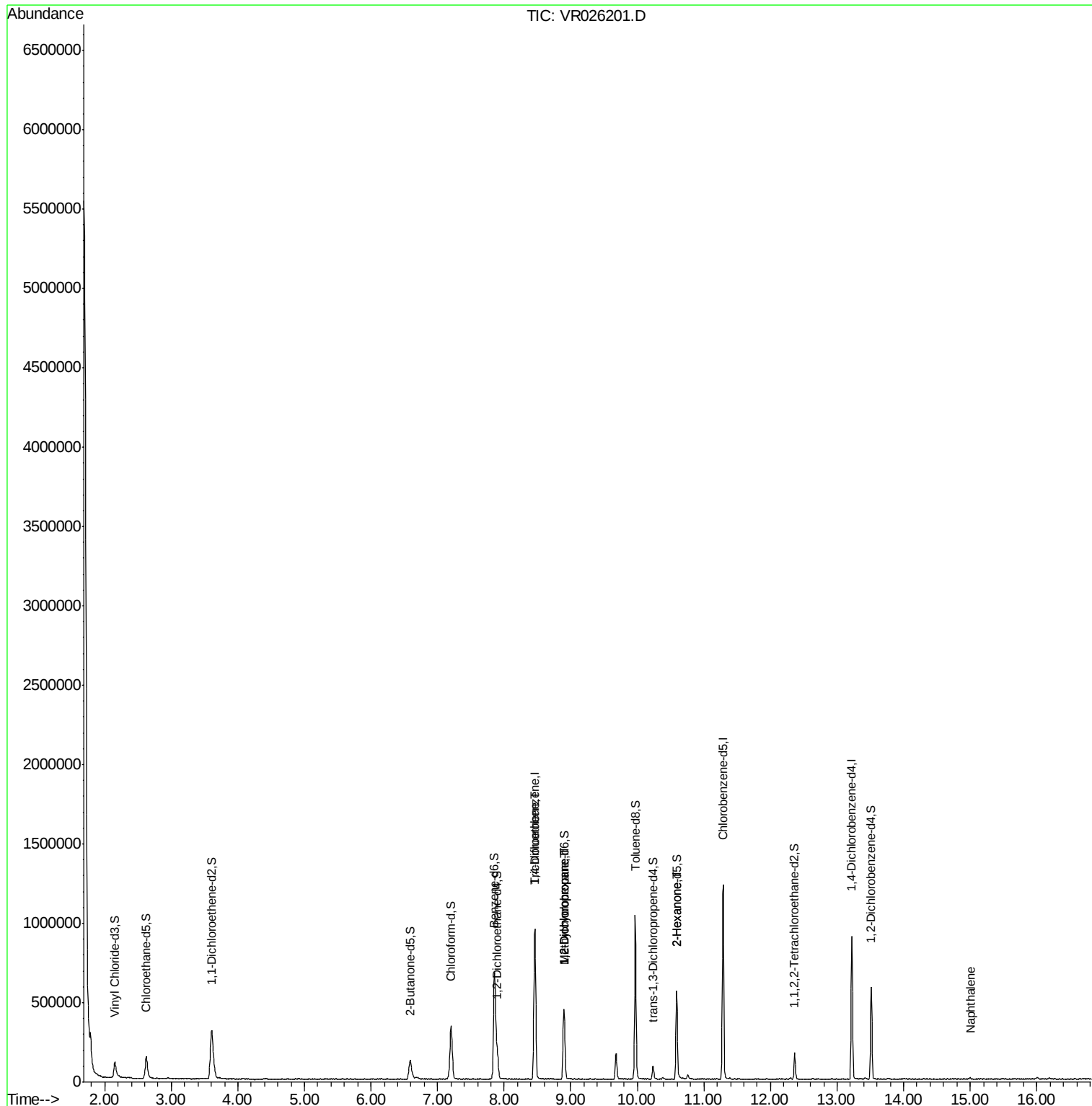
					Qvalue
34) Trichloroethene	8.46	95	23558	0.457 ug/L #	10
35) Methylcyclohexane	8.90	83	43225	0.563 ug/L #	18
37) 1,2-Dichloropropane	8.90	63	22755	0.536 ug/L #	93
48) 2-Hexanone	10.59	43	22497	2.656 ug/L #	68
69) Naphthalene	15.00	128	4943	0.239 ug/L #	94

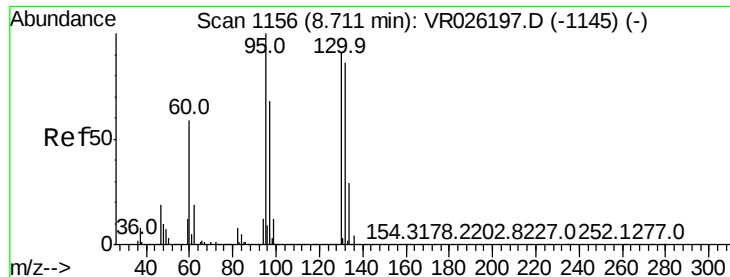
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 0.457 ug/L

RT: 8.46 min Scan# 1114

Delta R.T. -0.25 min

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Instrument :

MSVOA_R

ClientSampleId :

VIBLK90

Tgt Ion: 95 Resp: 23558

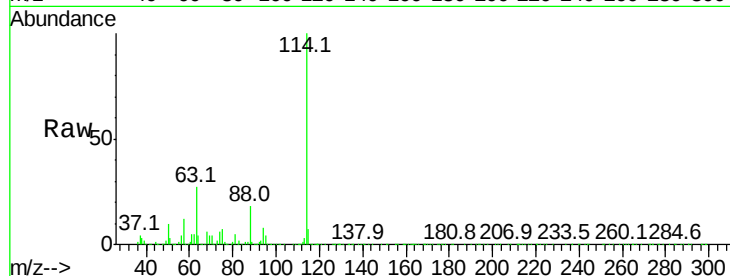
Ion Ratio Lower Upper

95 100

97 1.6 45.7 84.9#

132 0.0 58.3 108.3#

130 0.4 64.0 119.0#

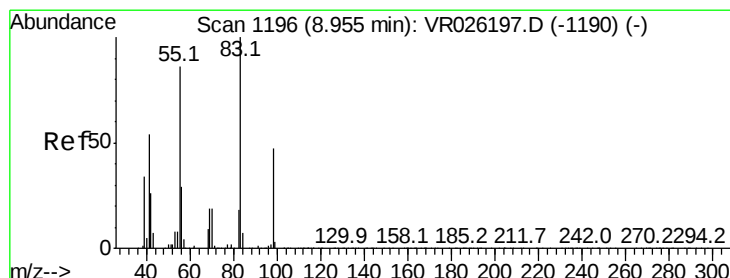
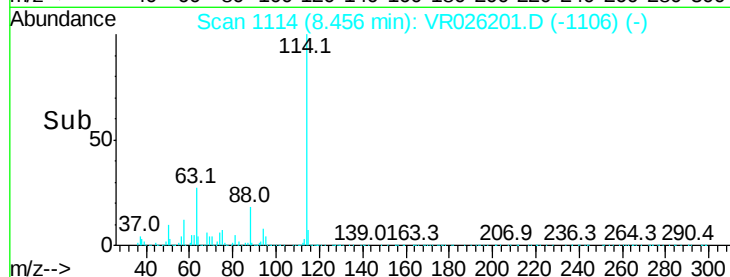
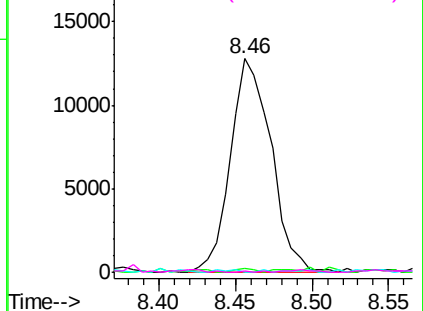


Abundance Ion 95.00 (94.70 to 95.70): VR0

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



#35

Methylcyclohexane

Concen: 0.563 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

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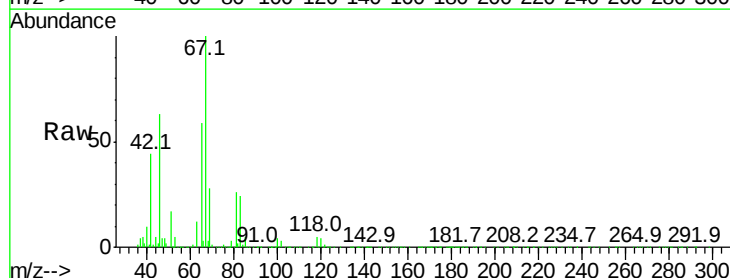
Tgt Ion: 83 Resp: 43225

Ion Ratio Lower Upper

83 100

55 1.2 66.8 100.2#

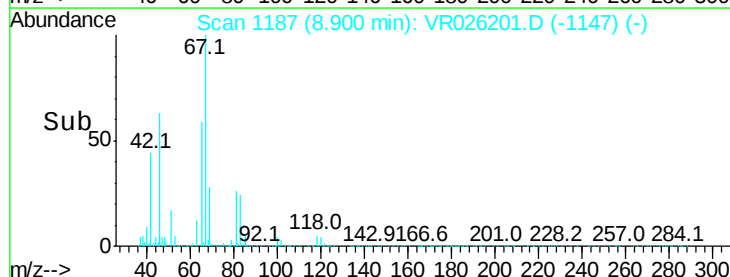
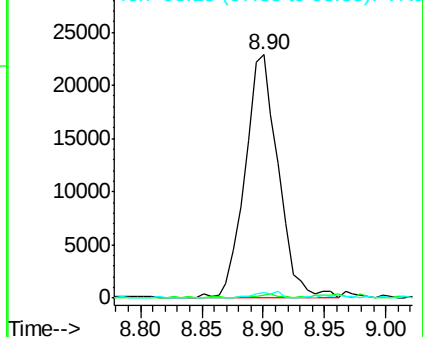
98 2.1 35.2 52.8#

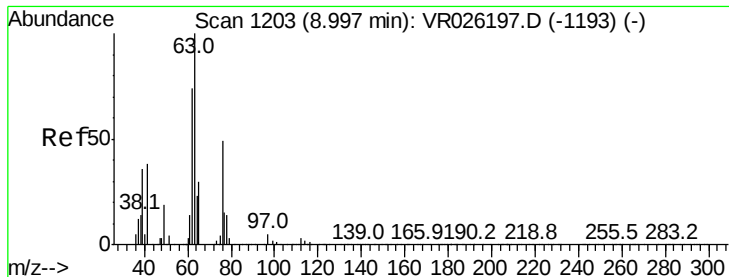


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#37

1,2-Dichloropropane

Concen: 0.536 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.09 min

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Instrument :

MSVOA_R

ClientSampleId :

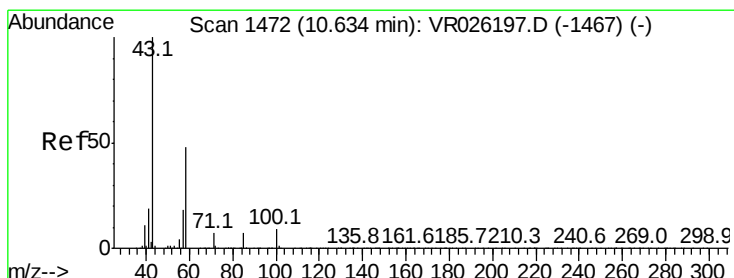
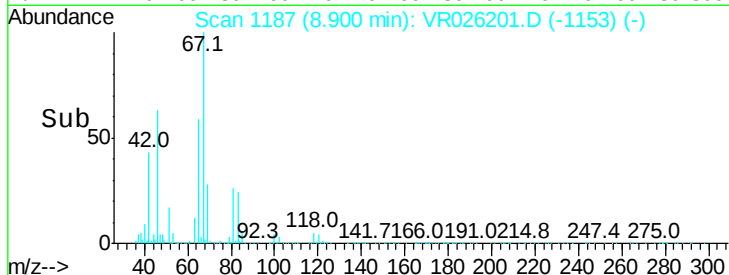
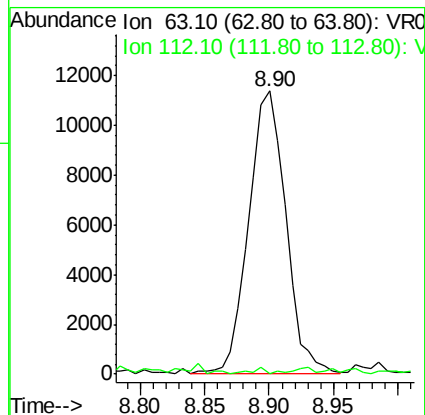
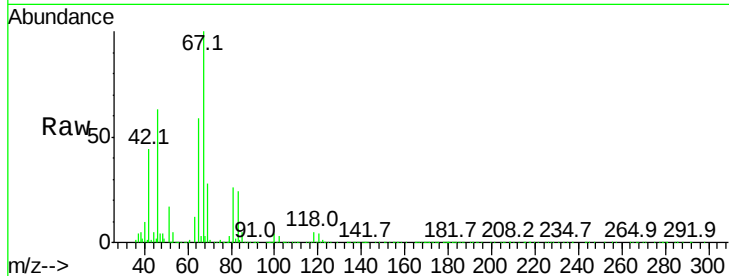
VIBLK90

Tgt Ion: 63 Resp: 22755

Ion Ratio Lower Upper

63 100

112 1.2 2.7 4.1#



#48

2-Hexanone

Concen: 2.656 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

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Tgt Ion: 43 Resp: 22497

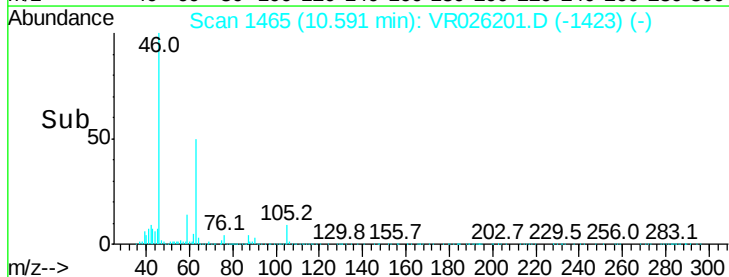
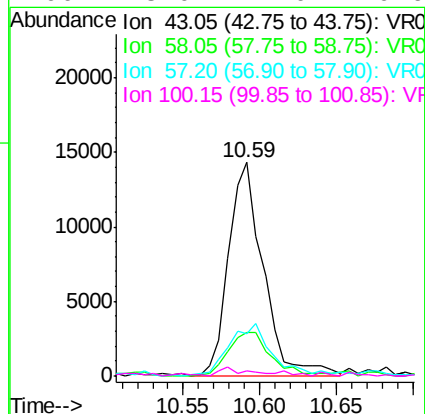
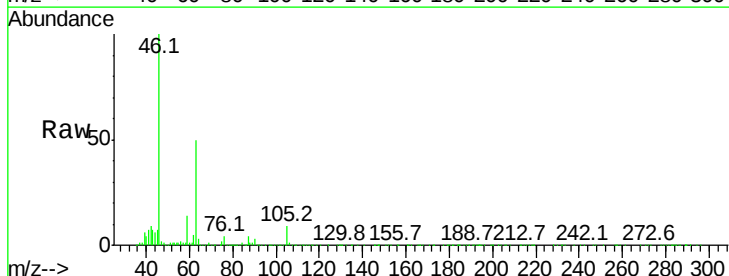
Ion Ratio Lower Upper

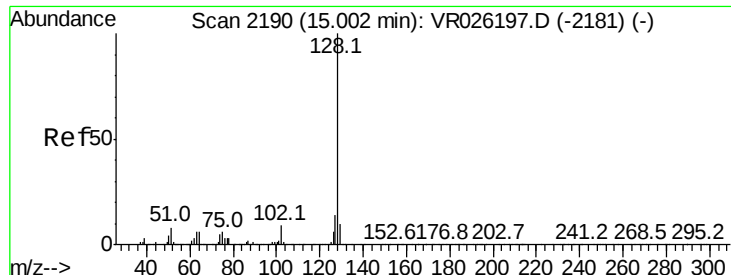
43 100

58 24.9 39.6 59.4#

57 31.2 14.0 21.0#

100 3.0 7.0 10.6#





#69

Naphthalene

Concen: 0.239 ug/L

RT: 15.00 min Scan# 2190

Delta R.T. 0.00 min

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Instrument :

MSVOA_R

ClientSampleId :

VIBLK90

Tgt Ion:128 Resp: 4943

Ion Ratio Lower Upper

128 100

127 16.6 11.0 16.6#

129 9.9 9.1 13.7

