

Data File : VR026204.D
Acq On : 7 Nov 2018 15:03
Operator : SY/MD
Sample : VIBLK91
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VIBLK91

Quant Time: Nov 07 15:31:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 07 12:50:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	647972	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	539767	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	174721	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	175572	3.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.00%
7) Chloroethane-d5	2.63	69	187411	3.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.80%
11) 1,1-Dichloroethene-d2	3.61	63	356514	2.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.20%#
20) 2-Butanone-d5	6.59	46	238043	51.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.26%
24) Chloroform-d	7.20	84	362311	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.40%
26) 1,2-Dichloroethane-d4	7.90	65	159232	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
32) Benzene-d6	7.85	84	690875	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.60%
36) 1,2-Dichloropropane-d6	8.90	67	193511	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.40%
41) Toluene-d8	9.97	98	607936	3.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.20%
43) trans-1,3-Dichloropropene-	10.24	79	42493	3.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.40%
46) 2-Hexanone-d5	10.59	63	179761	53.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.00%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	76178	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.60%
64) 1,2-Dichlorobenzene-d4	13.52	152	123603	4.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.60%

Target Compounds

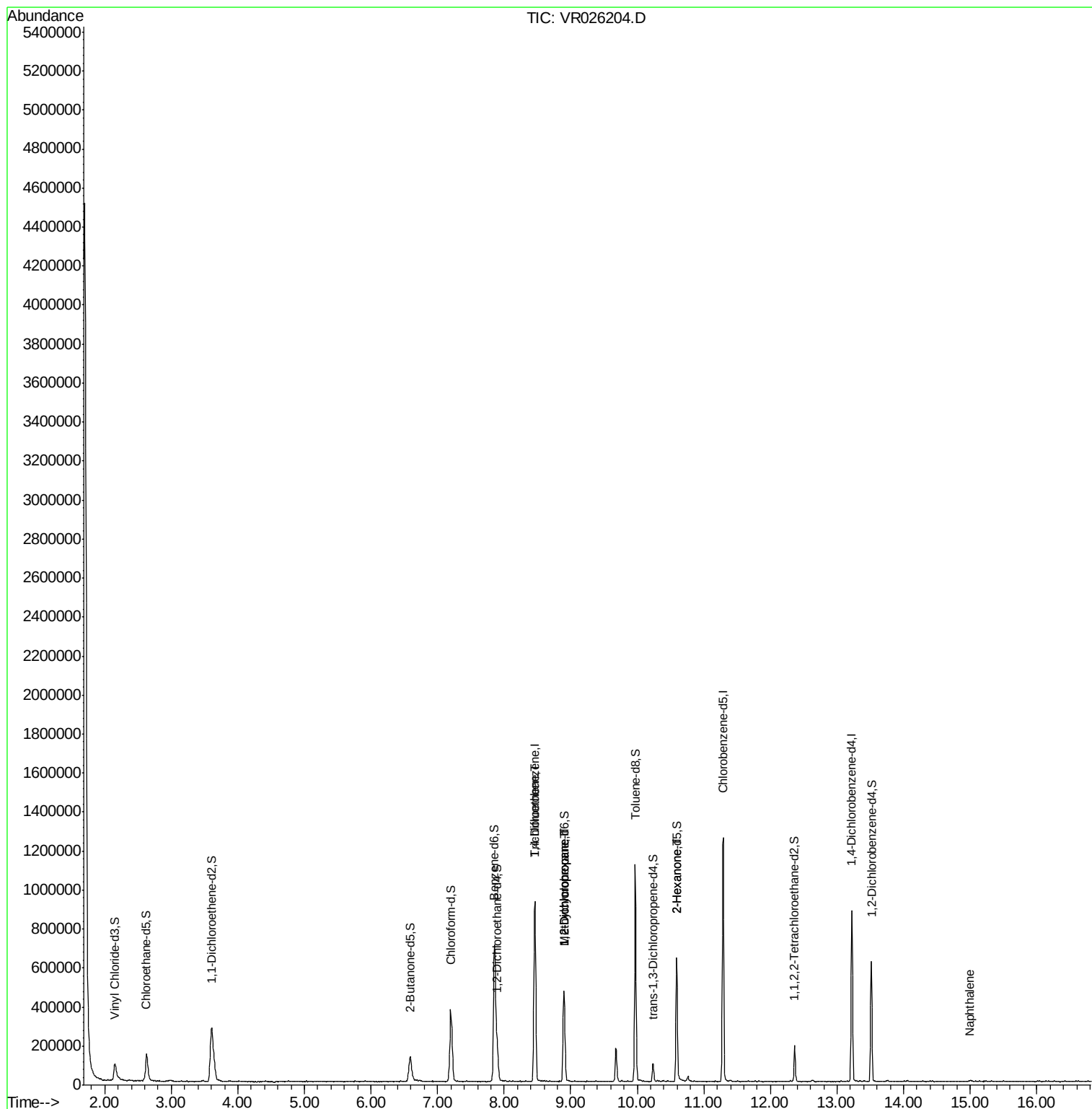
					Qvalue	
34) Trichloroethene	8.46	95	23687	0.457	ug/L #	9
35) Methylcyclohexane	8.90	83	46351	0.601	ug/L #	18
37) 1,2-Dichloropropane	8.90	63	24904	0.583	ug/L #	95
48) 2-Hexanone	10.59	43	27151	3.186	ug/L #	66
69) Naphthalene	15.00	128	4675	0.233	ug/L #	90

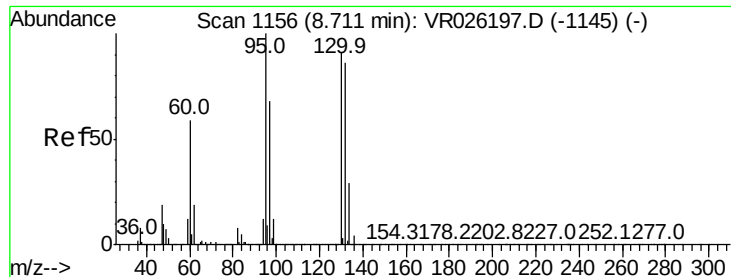
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 0.457 ug/L

RT: 8.46 min Scan# 1115

Delta R.T. -0.24 min

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Acq: 7 Nov 2018 15:03

Instrument :

MSVOA_R

ClientSampleId :

VIBLK91

Tgt Ion: 95 Resp: 23687

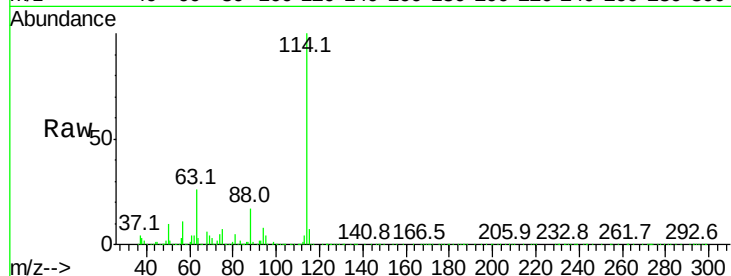
Ion Ratio Lower Upper

95 100

97 0.0 45.7 84.9#

132 0.0 58.3 108.3#

130 0.0 64.0 119.0#

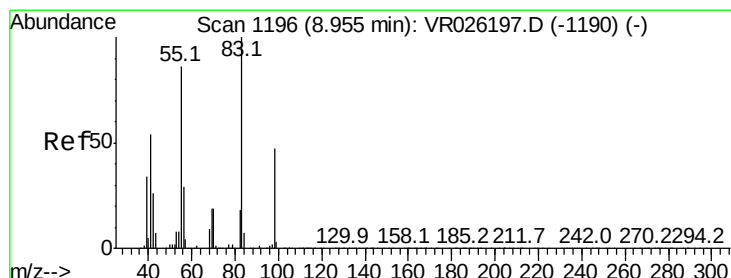
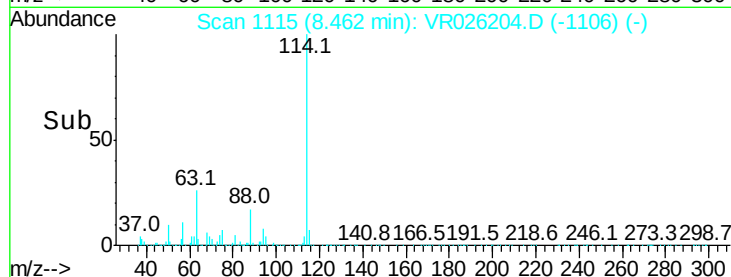
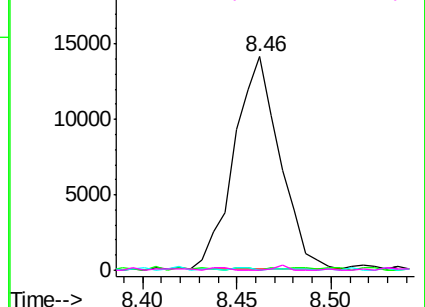


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.601 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

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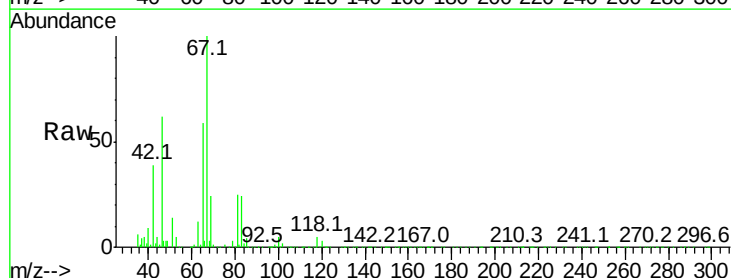
Tgt Ion: 83 Resp: 46351

Ion Ratio Lower Upper

83 100

55 1.7 66.8 100.2#

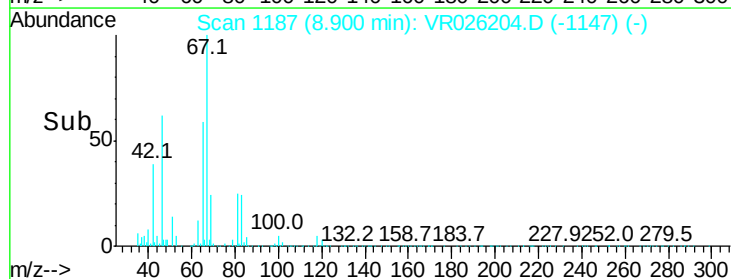
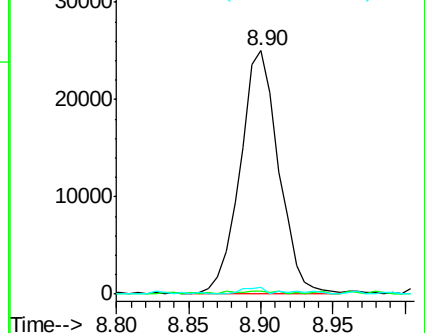
98 2.1 35.2 52.8#

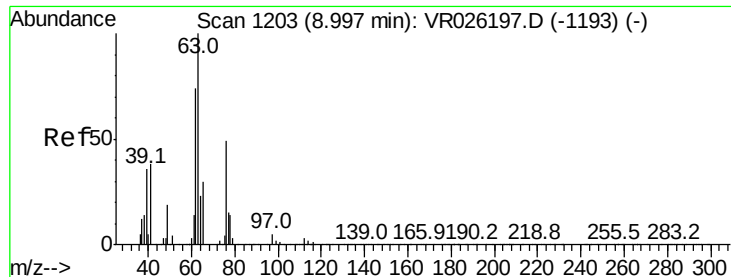


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

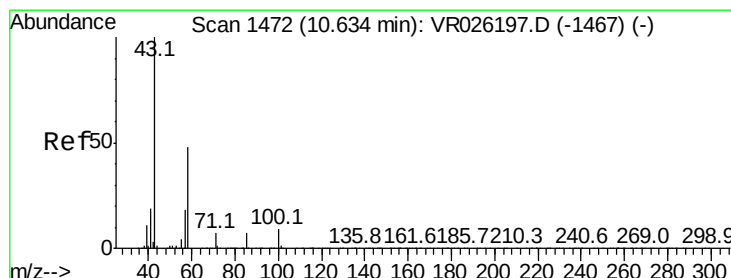
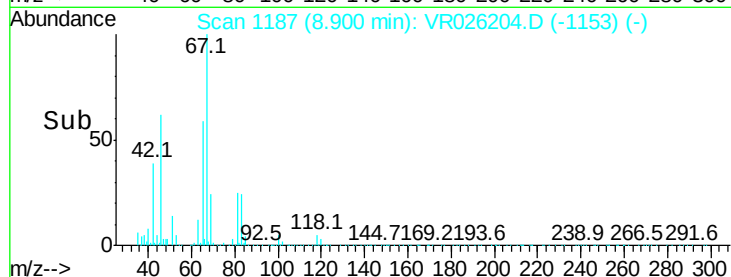
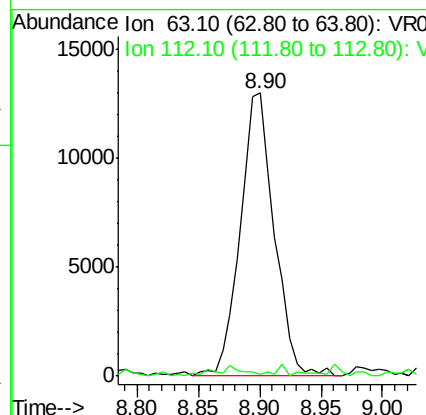
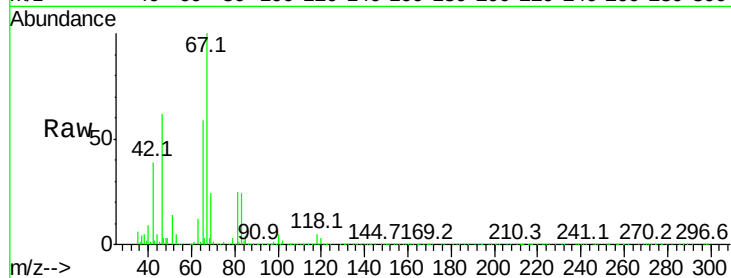




#37
 1,2-Dichloropropane
 Concen: 0.583 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.09 min
 Lab File: VR026204.D
 Acq: 7 Nov 2018 15:03

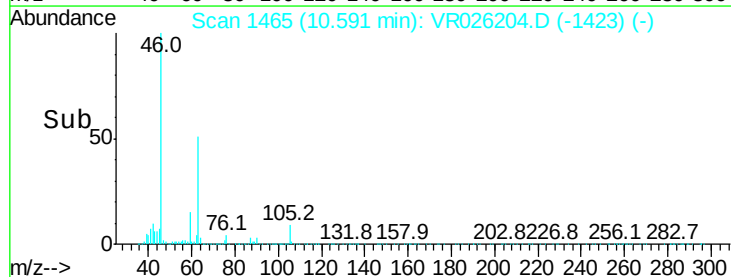
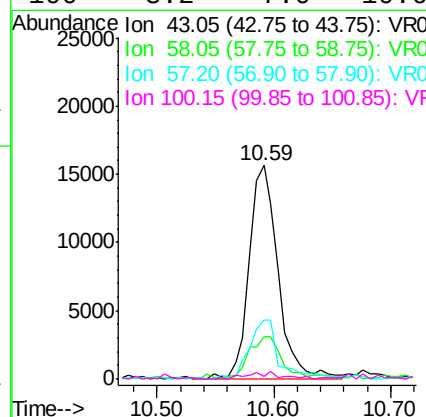
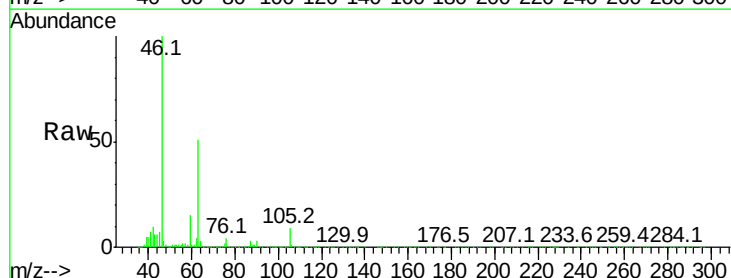
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 ClientSampled :
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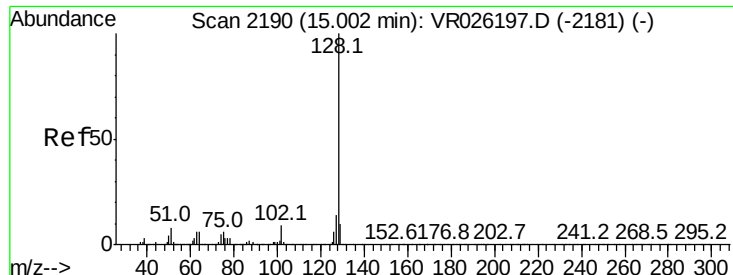
Tgt Ion: 63 Resp: 24904
 Ion Ratio Lower Upper
 63 100
 112 1.7 2.7 4.1#



#48
 2-Hexanone
 Concen: 3.186 ug/L
 RT: 10.59 min Scan# 1465
 Delta R.T. -0.04 min
 Lab File: VR026204.D
 Acq: 7 Nov 2018 15:03

Tgt Ion: 43 Resp: 27151
 Ion Ratio Lower Upper
 43 100
 58 21.4 39.6 59.4#
 57 28.3 14.0 21.0#
 100 3.2 7.0 10.6#





#69

Naphthalene

Concen: 0.233 ug/L

RT: 15.00 min Scan# 2189

Delta R.T. -0.01 min

Lab File: VR026204.D

Acq: 7 Nov 2018 15:03

Instrument :

MSVOA_R

ClientSampleId :

VIBLK91

Tgt Ion:128 Resp: 4675

Ion Ratio Lower Upper

128 100

127 12.9 11.0 16.6

129 4.2 9.1 13.7#

