

Data File : VR025806.D
Acq On : 21 Sep 2018 18:06
Operator : SY/MD
Sample : J4890-06
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VHBLK01

Quant Time: Sep 22 04:37:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 22 04:37:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	488780	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	386653	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	129711	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	164146	4.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.80%
7) Chloroethane-d5	2.63	69	125079	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	3.60	63	282214	3.33	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	6.59	46	236035	50.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.18%
24) Chloroform-d	7.20	84	325833	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	7.89	65	150178	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	7.85	84	676775	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	8.90	67	190291	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	9.97	98	602770	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	10.23	79	44845	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	10.59	63	178774	49.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.82%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	67754	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	103275	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%

Target Compounds

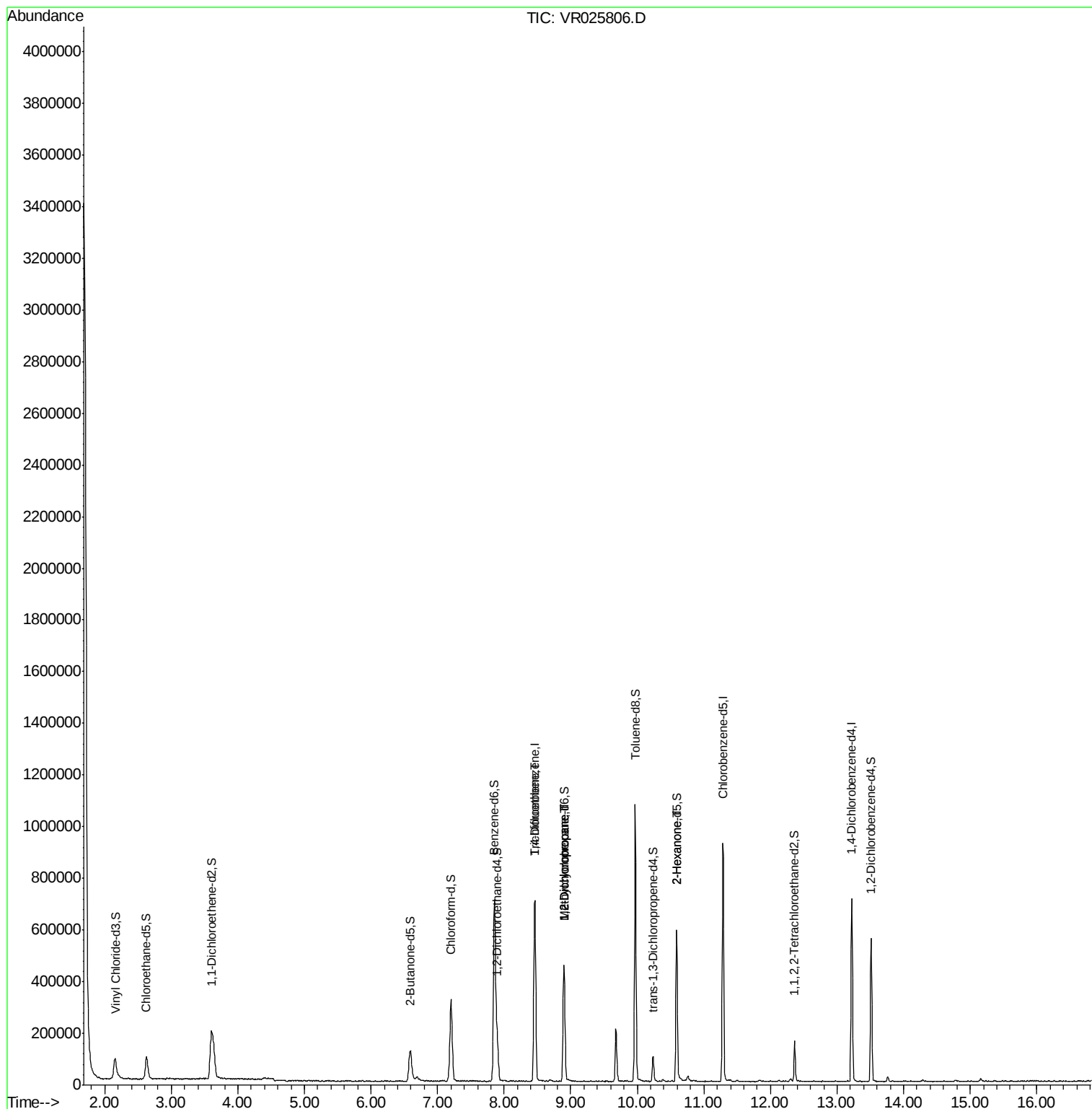
					Qvalue
34) Trichloroethene	8.46	95	17710	0.329 ug/L #	16
35) Methylcyclohexane	8.90	83	43999	0.498 ug/L #	16
37) 1,2-Dichloropropane	8.90	63	23815	0.526 ug/L #	92
48) 2-Hexanone	10.59	43	26207	2.529 ug/L #	71

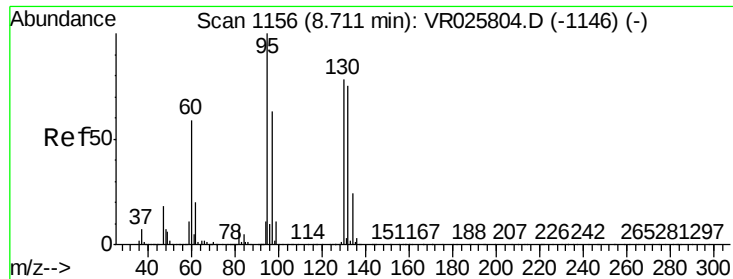
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 0.329 ug/L

RT: 8.46 min Scan# 1115

Delta R.T. -0.25 min

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Acq: 21 Sep 2018 18:06

Instrument :

MSVOA_R

ClientSampleId :

VHBLK01

Tgt Ion: 95 Resp: 17710

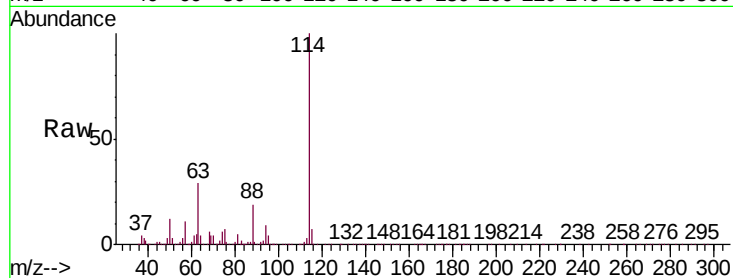
Ion Ratio Lower Upper

95 100

97 4.0 43.9 81.5#

132 2.8 53.3 98.9#

130 0.0 53.8 99.8#

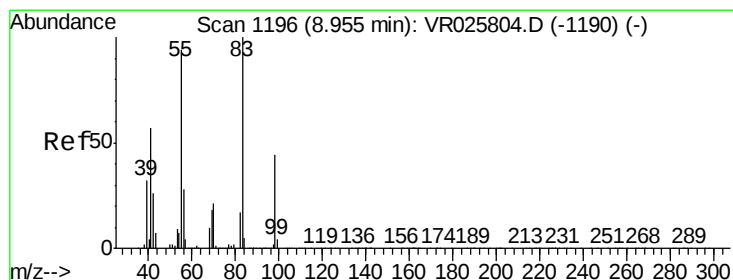
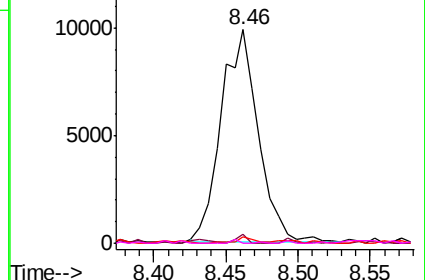
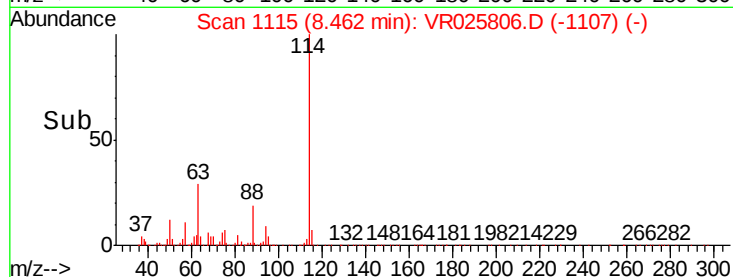


Abundance Ion 95.00 (94.70 to 95.70): VR0

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



#35

Methylcyclohexane

Concen: 0.498 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

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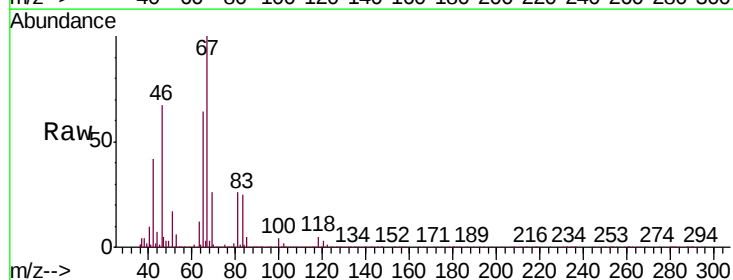
Tgt Ion: 83 Resp: 43999

Ion Ratio Lower Upper

83 100

55 1.3 71.8 107.6#

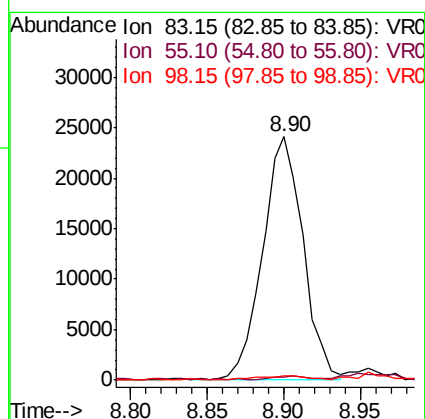
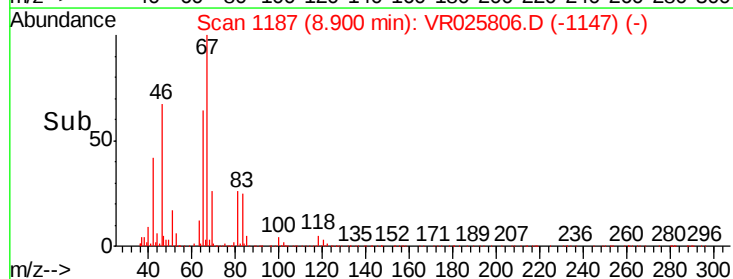
98 2.4 34.2 51.4#

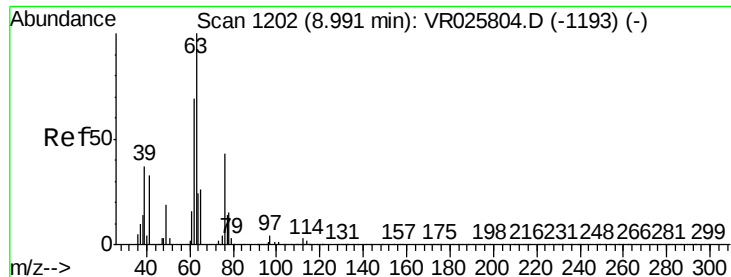


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#37

1,2-Dichloropropane

Concen: 0.526 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.09 min

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Instrument :

MSVOA_R

ClientSampled :

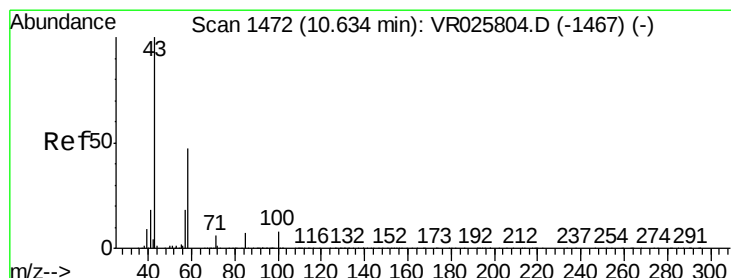
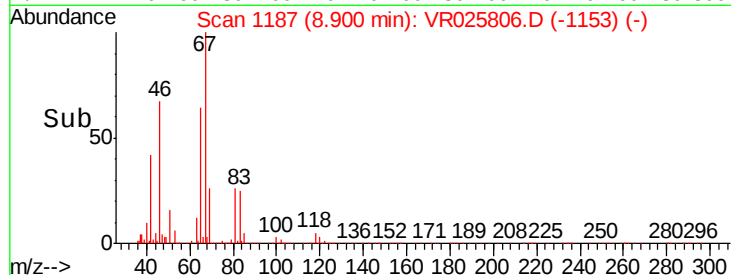
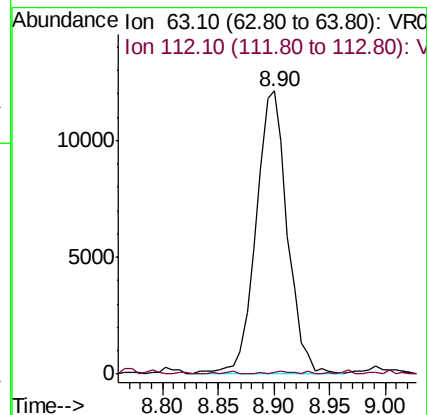
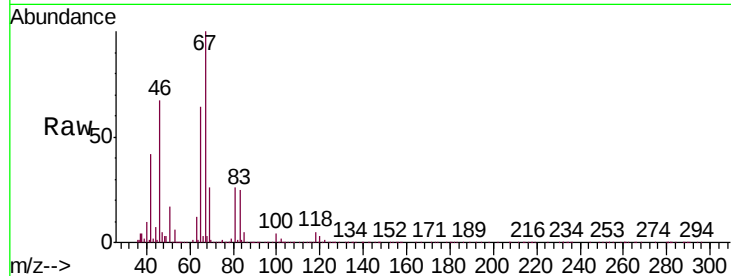
VHBLK01

Tgt Ion: 63 Resp: 23815

Ion Ratio Lower Upper

63 100

112 0.5 2.5 3.7#



#48

2-Hexanone

Concen: 2.529 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

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Acq: 21 Sep 2018 18:06

Tgt Ion: 43 Resp: 26207

Ion Ratio Lower Upper

43 100

58 23.9 39.5 59.3#

57 22.1 14.6 21.8#

100 0.6 6.7 10.1#

