

Data File : VR026223.D
Acq On : 19 Nov 2018 16:00
Operator : SY/MD
Sample : VR1119WBL01
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VBLK97

Quant Time: Nov 20 04:18:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR110918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 04:16:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	703069	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	567908	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	177152	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	268771	5.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.60%
7) Chloroethane-d5	2.63	69	227827	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	3.61	63	500635	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.20%
20) 2-Butanone-d5	6.59	46	200450	44.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.88%
24) Chloroform-d	7.20	84	427352	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	7.90	65	165763	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
32) Benzene-d6	7.86	84	879775	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
36) 1,2-Dichloropropane-d6	8.90	67	217319	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	9.97	98	820454	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.60%
43) trans-1,3-Dichloropropene-	10.24	79	52060	4.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.20%
46) 2-Hexanone-d5	10.59	63	131627	41.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.44%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	76461	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.80%
64) 1,2-Dichlorobenzene-d4	13.52	152	149291	5.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.00%

Target Compounds

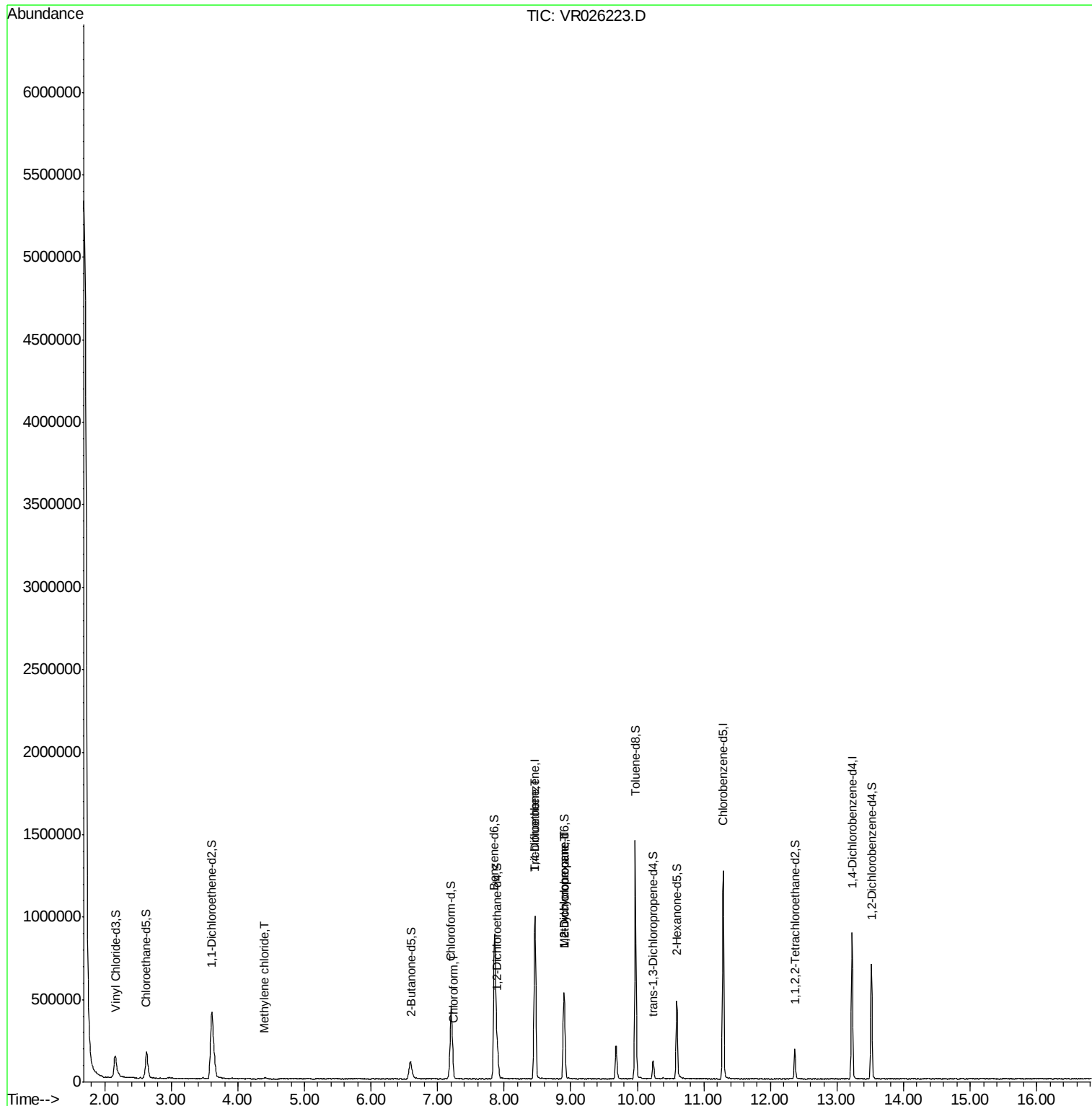
					Qvalue
16) Methylene chloride	4.40	84	6343	0.110 ug/L #	64
25) Chloroform	7.25	83	12311	0.130 ug/L	78
34) Trichloroethene	8.46	95	22832	0.437 ug/L #	10
35) Methylcyclohexane	8.90	83	54450	0.802 ug/L #	16
37) 1,2-Dichloropropane	8.90	63	27867	0.648 ug/L #	90

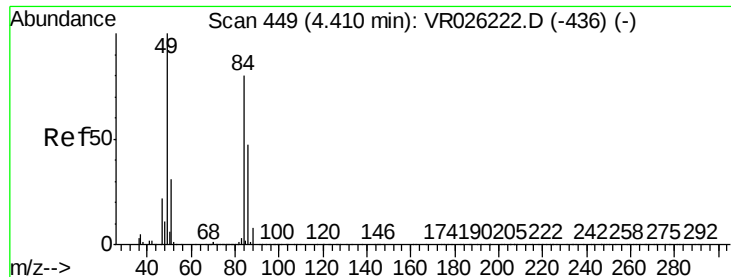
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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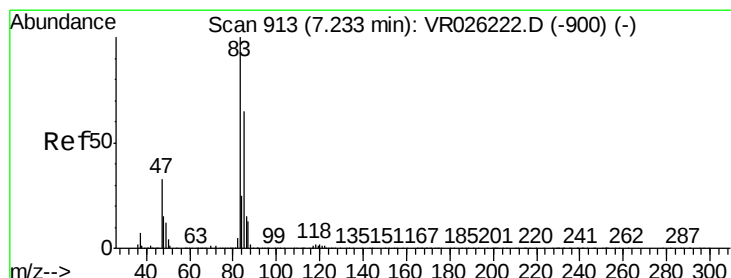
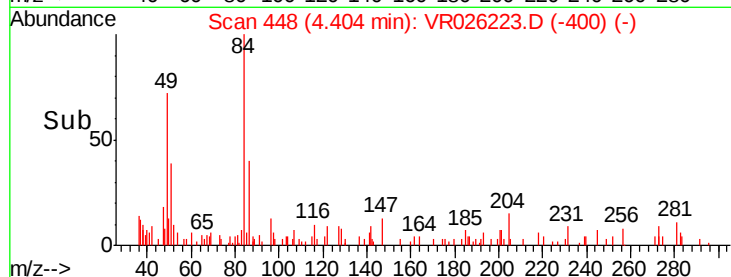
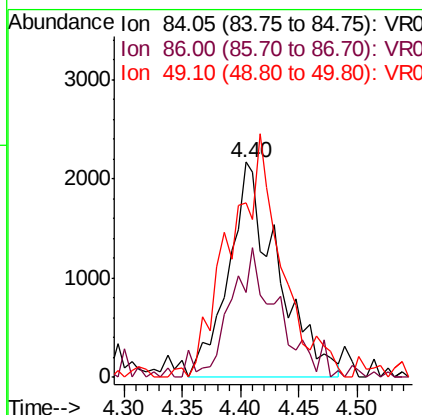
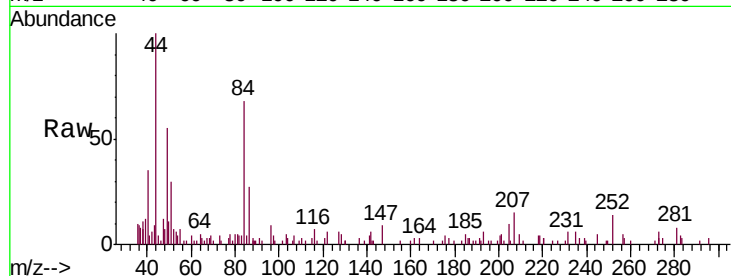




#16
Methylene chloride
Concen: 0.110 ug/L
RT: 4.40 min Scan# 448
Delta R.T. -0.01 min
Lab File: VR026223.D
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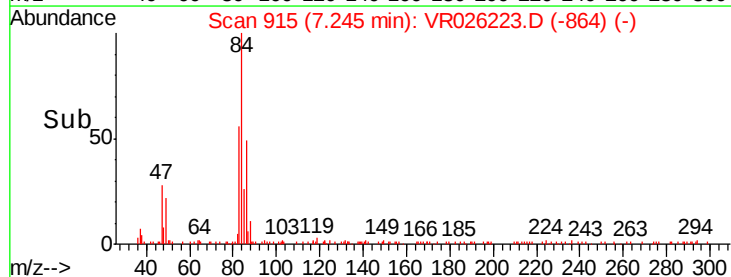
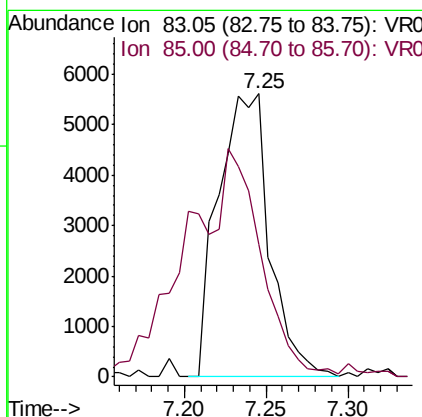
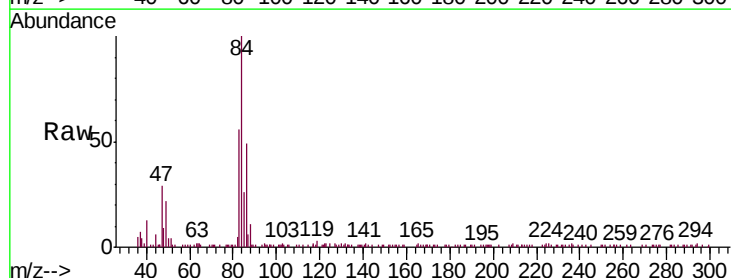
Instrument :
MSVOA_R
ClientSampleId :
VBLK97

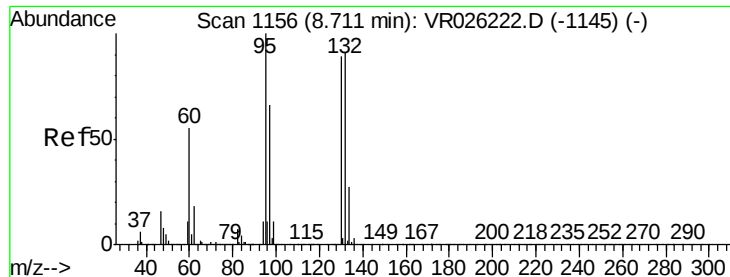
Tgt Ion: 84 Resp: 6343
Ion Ratio Lower Upper
84 100
86 39.6 45.1 83.9#
49 81.1 87.9 163.3#



#25
Chloroform
Concen: 0.130 ug/L
RT: 7.25 min Scan# 915
Delta R.T. 0.01 min
Lab File: VR026223.D
Acq: 19 Nov 2018 16:00

Tgt Ion: 83 Resp: 12311
Ion Ratio Lower Upper
83 100
85 46.9 44.8 83.2





#34

Trichloroethene

Concen: 0.437 ug/L

RT: 8.46 min Scan# 1115

Delta R.T. -0.25 min

Lab File: VR026223.D

Acq: 19 Nov 2018 16:00

Instrument :

MSVOA_R

ClientSampleId :

VBLK97

Tgt Ion: 95 Resp: 22832

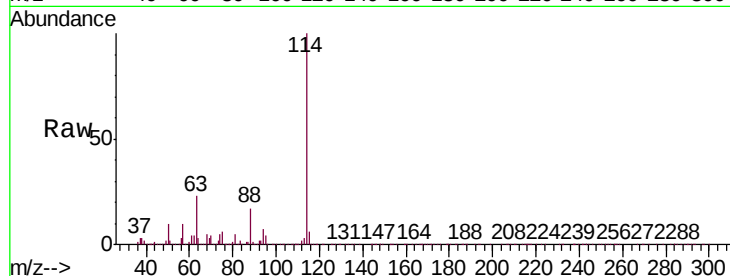
Ion Ratio Lower Upper

95 100

97 0.0 43.5 80.7#

132 0.0 58.0 107.6#

130 0.0 61.5 114.3#

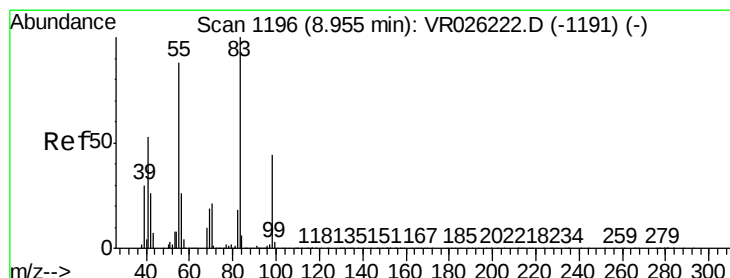
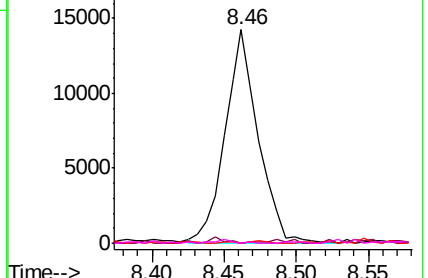
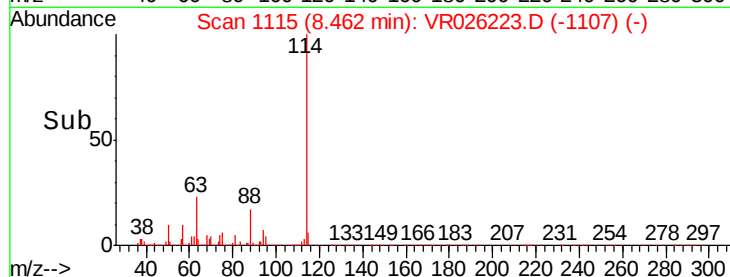


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.802 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

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Acq: 19 Nov 2018 16:00

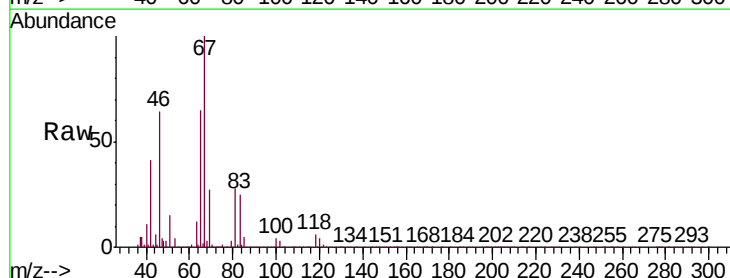
Tgt Ion: 83 Resp: 54450

Ion Ratio Lower Upper

83 100

55 0.7 67.9 101.9#

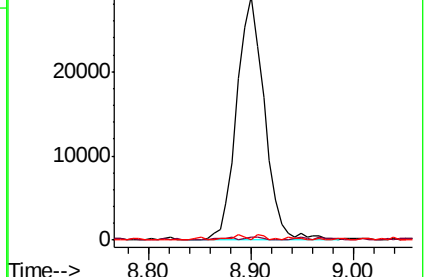
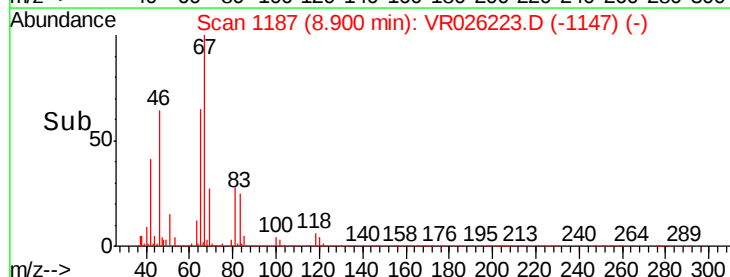
98 0.9 35.8 53.6#

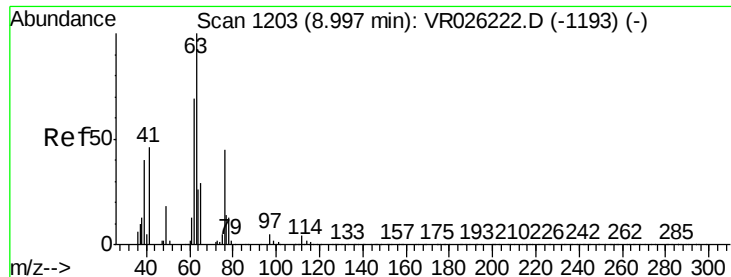


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#37
 1,2-Dichloropropane
 Concen: 0.648 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.10 min
 Lab File: VR026223.D
 Acq: 19 Nov 2018 16:00

Instrument :
 MSVOA_R
 ClientSampleId :
 VBLK97

Tgt Ion: 63 Resp: 27867
 Ion Ratio Lower Upper
 63 100
 112 0.3 2.8 4.2#

