

Data File : VR026634.D
Acq On : 13 Sep 2019 15:34
Operator : SY/MD
Sample : VR0913WBL03
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VBLK64

Quant Time: Sep 14 06:52:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 14 06:49:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.48	114	309437	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.30	117	238301	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.24	152	98952	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.17	65	50222	5.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.20%
7) Chloroethane-d5	2.64	69	45393	6.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	120.80%
11) 1,1-Dichloroethene-d2	3.62	63	84248	3.58	ug/L	-0.03
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	6.62	46	83660	45.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.74%
24) Chloroform-d	7.23	84	160754	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	7.91	65	52901	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	7.88	84	296667	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	8.92	67	78608	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	9.99	98	212992	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
43) trans-1,3-Dichloropropene-	10.26	79	14603	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	10.60	63	48901	45.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.56%
57) 1,1,2,2-Tetrachloroethane-	12.38	84	37300	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.20%
64) 1,2-Dichlorobenzene-d4	13.53	152	61954	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

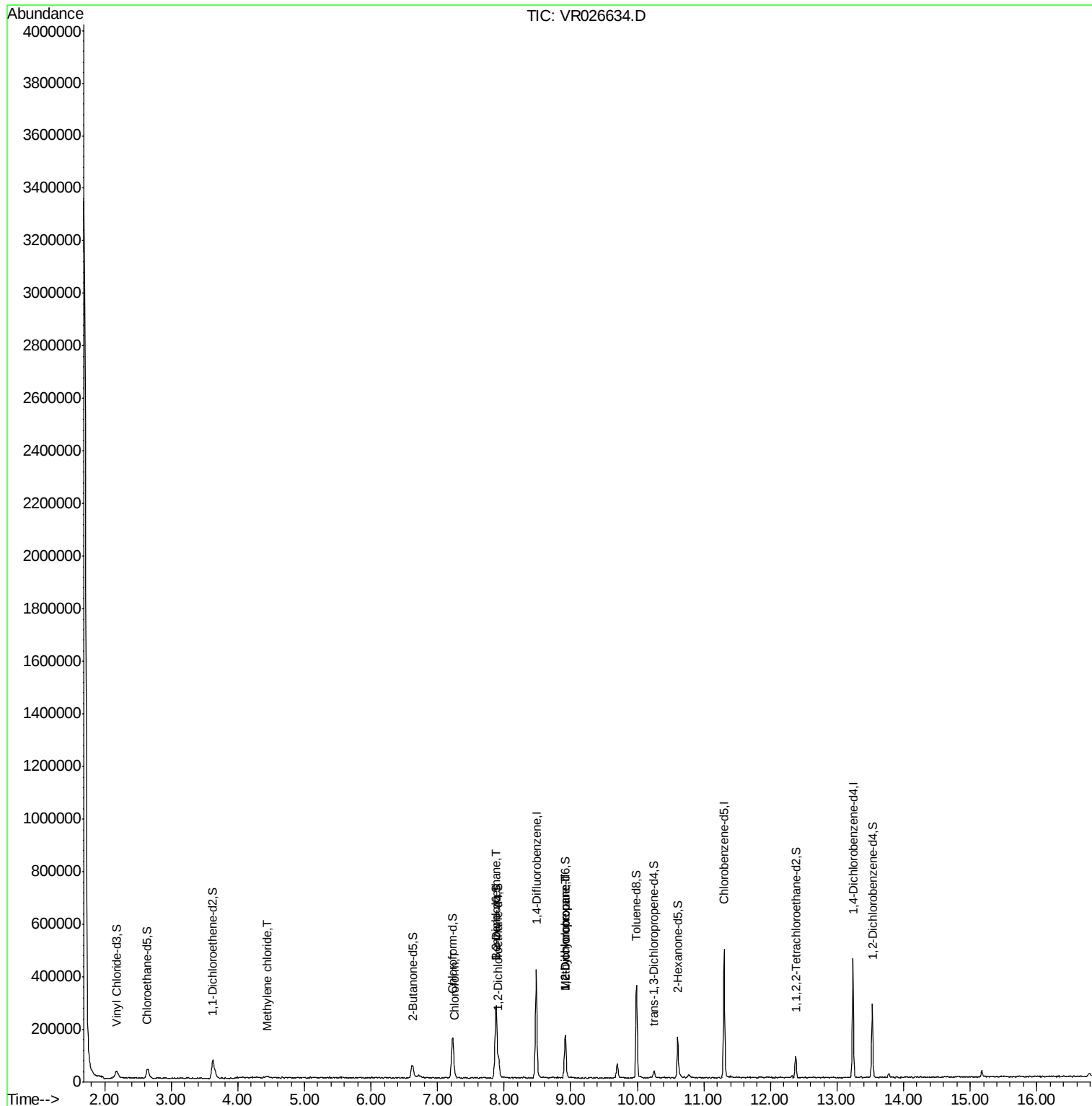
					Qvalue
16) Methylene chloride	4.43	84	3299	0.116 ug/L	84
25) Chloroform	7.26	83	7269	0.142 ug/L	78
27) 1,2-Dichloroethane	7.87	62	2137	0.119 ug/L	96
35) Methylcyclohexane	8.92	83	18045	0.455 ug/L #	21
37) 1,2-Dichloropropane	8.92	63	9076	0.425 ug/L #	93

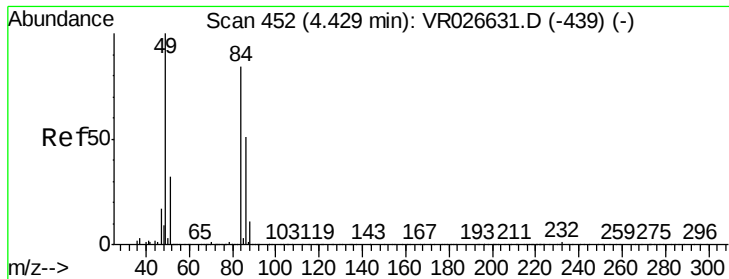
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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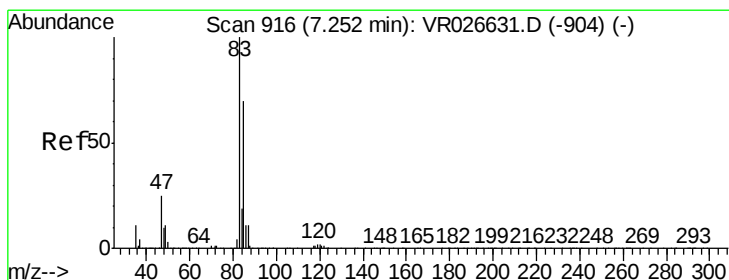
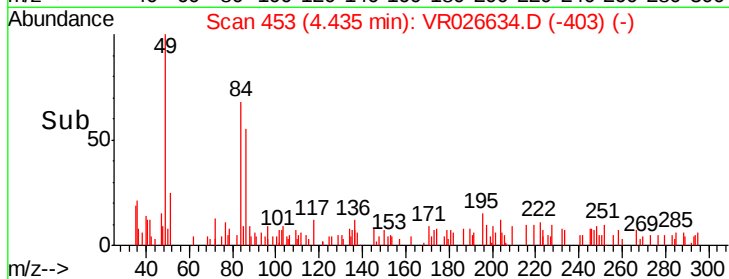
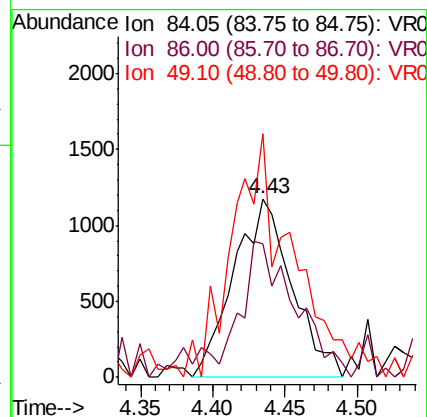
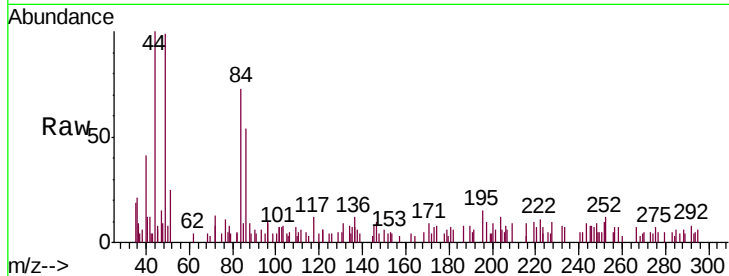




#16
Methylene chloride
Concen: 0.116 ug/L
RT: 4.43 min Scan# 453
Delta R.T. 0.01 min
Lab File: VR026634.D
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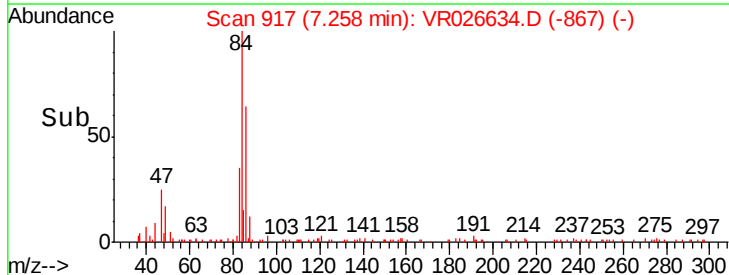
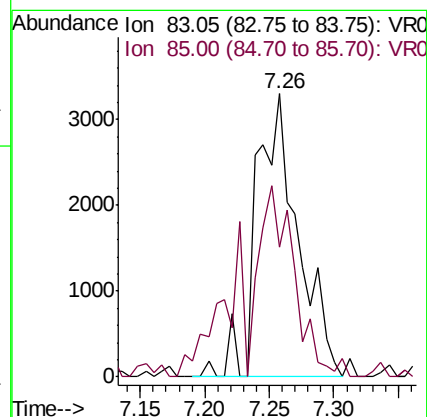
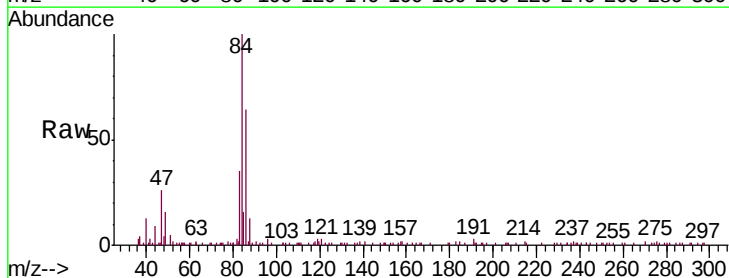
Instrument :
MSVOA_R
ClientSampleId :
VBLK64

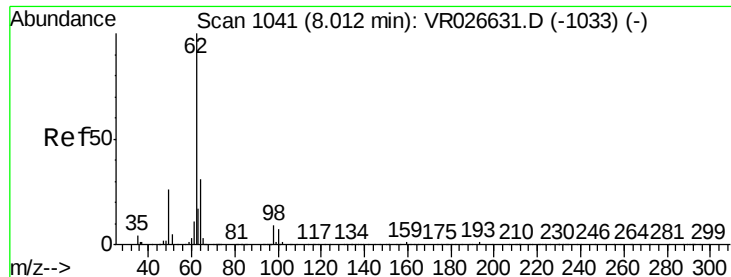
Tgt Ion: 84 Resp: 3299
Ion Ratio Lower Upper
84 100
86 74.6 44.2 82.0
49 136.1 82.3 152.9



#25
Chloroform
Concen: 0.142 ug/L
RT: 7.26 min Scan# 917
Delta R.T. 0.01 min
Lab File: VR026634.D
Acq: 13 Sep 2019 15:34

Tgt Ion: 83 Resp: 7269
Ion Ratio Lower Upper
83 100
85 45.9 44.3 82.3





#27

1,2-Dichloroethane

Concen: 0.119 ug/L

RT: 7.87 min Scan# 1018

Delta R.T. -0.14 min

Lab File: VR026634.D

Acq: 13 Sep 2019 15:34

Instrument :

MSVOA_R

ClientSampleId :

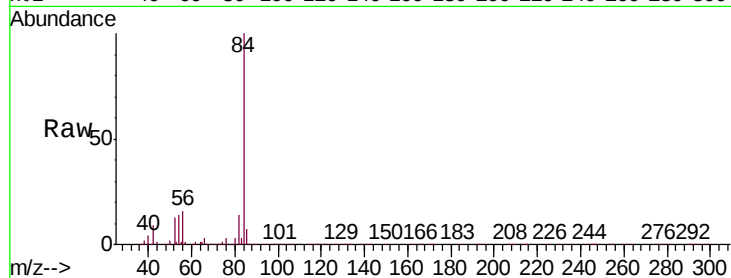
VBLK64

Tgt Ion: 62 Resp: 2137

Ion Ratio Lower Upper

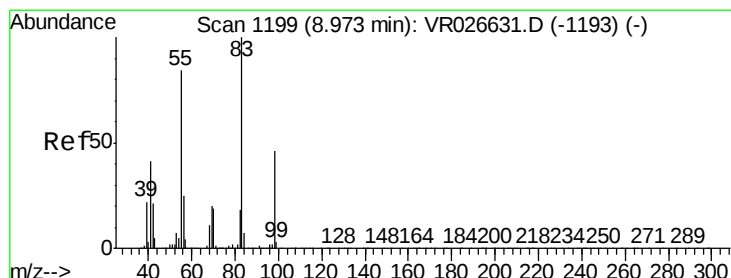
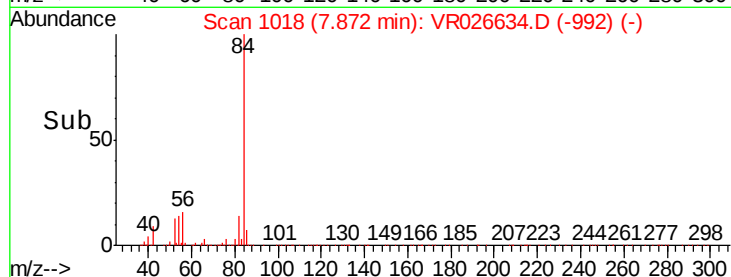
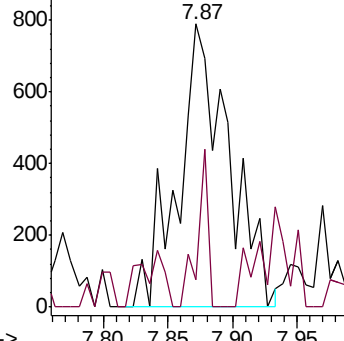
62 100

98 9.8 9.0 13.4



Abundance Ion 62.00 (61.70 to 62.70): VR0

Ion 98.05 (97.75 to 98.75): VR0



#35

Methylcyclohexane

Concen: 0.455 ug/L

RT: 8.92 min Scan# 1190

Delta R.T. -0.05 min

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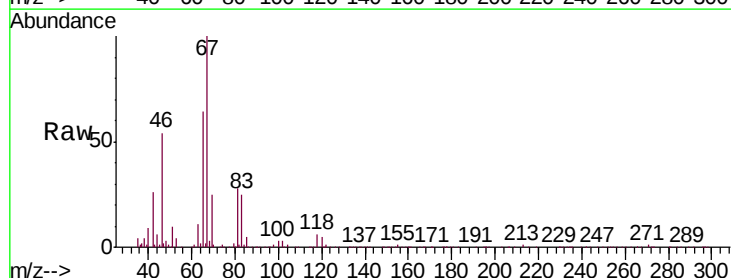
Tgt Ion: 83 Resp: 18045

Ion Ratio Lower Upper

83 100

55 1.5 63.5 95.3#

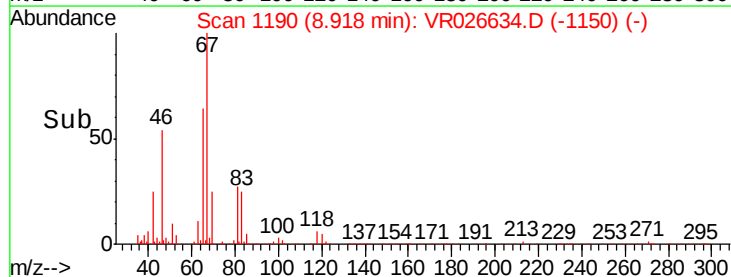
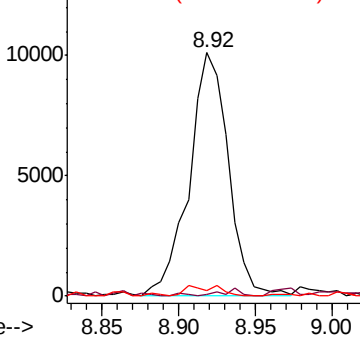
98 3.6 35.4 53.0#

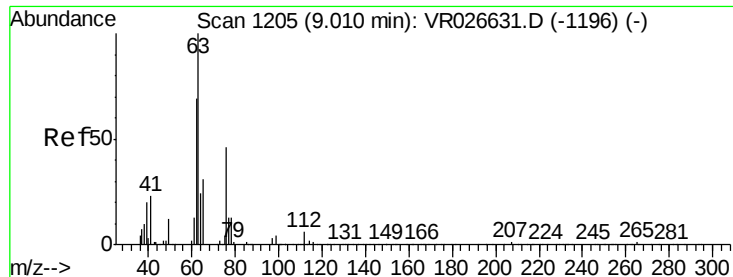


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#37
 1,2-Dichloropropane
 Concen: 0.425 ug/L
 RT: 8.92 min Scan# 1190
 Delta R.T. -0.09 min
 Lab File: VR026634.D
 Acq: 13 Sep 2019 15:34

Instrument :
 MSVOA_R
 ClientSampleId :
 VBLK64

Tgt Ion: 63 Resp: 9076
 Ion Ratio Lower Upper
 63 100
 112 1.7 3.1 4.7#

