

Data File : VR026516.D
Acq On : 9 Apr 2019 15:31
Operator : SY/MD
Sample : VR0409WBL01
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VBLK94

Quant Time: Apr 10 05:44:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 10 05:42:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	594840	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	487770	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	144558	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	195168	4.32	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.40%
7) Chloroethane-d5	2.62	69	174834	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.80%
11) 1,1-Dichloroethene-d2	3.61	63	389690	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	6.59	46	176386	43.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.54%
24) Chloroform-d	7.20	84	378891	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	7.90	65	161128	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
32) Benzene-d6	7.85	84	690684	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	8.89	67	186657	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	9.97	98	642517	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	10.24	79	40724	3.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.00%
46) 2-Hexanone-d5	10.59	63	154348	53.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.50%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	71573	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	13.52	152	129114	5.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.00%

Target Compounds

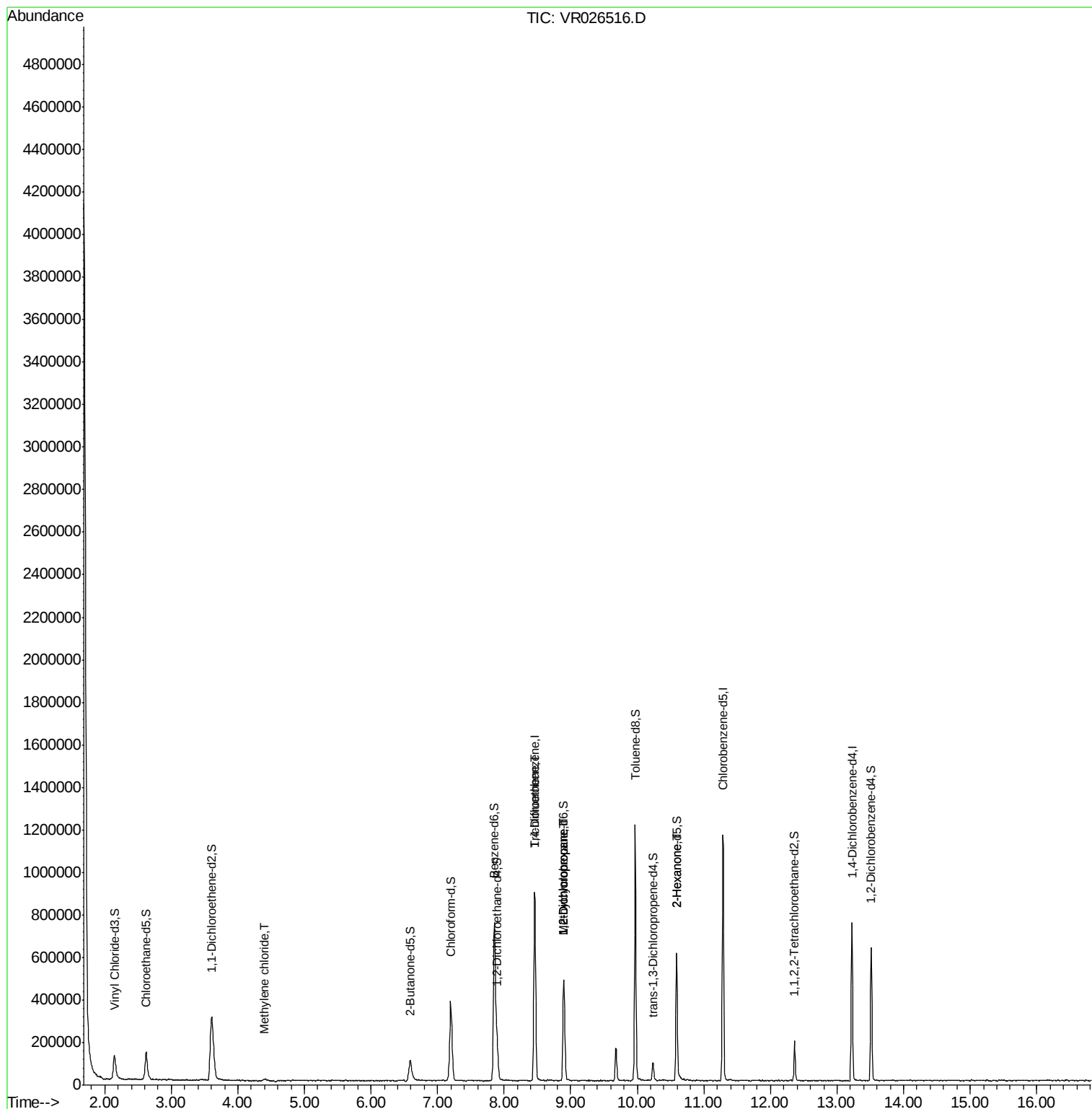
					Qvalue	
16) Methylene chloride	4.40	84	7609	0.162	ug/L #	65
34) Trichloroethene	8.46	95	19521	0.382	ug/L #	12
35) Methylcyclohexane	8.89	83	45091	0.619	ug/L #	15
37) 1,2-Dichloropropane	8.90	63	24870	0.595	ug/L #	96
48) 2-Hexanone	10.59	43	25591	3.143	ug/L #	74

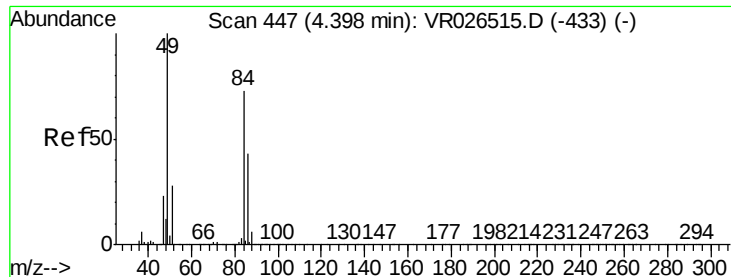
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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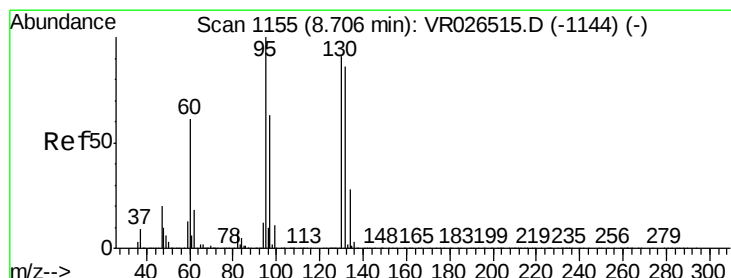
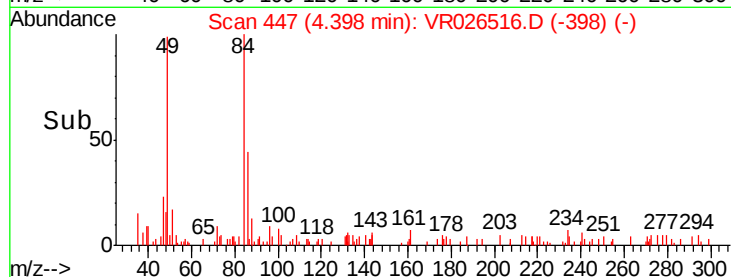
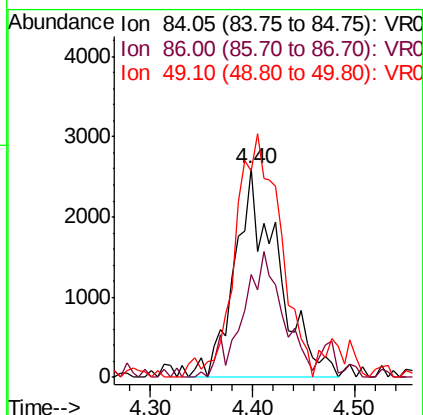
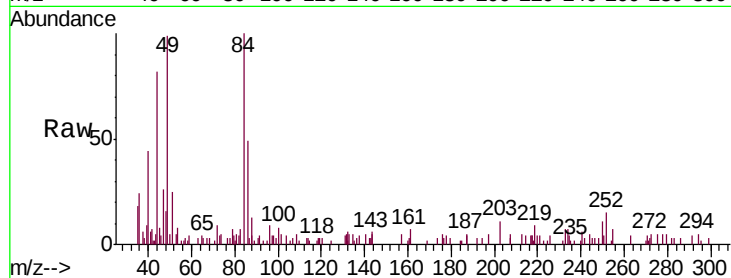




#16
Methylene chloride
Concen: 0.162 ug/L
RT: 4.40 min Scan# 447
Delta R.T. 0.00 min
Lab File: VR026516.D
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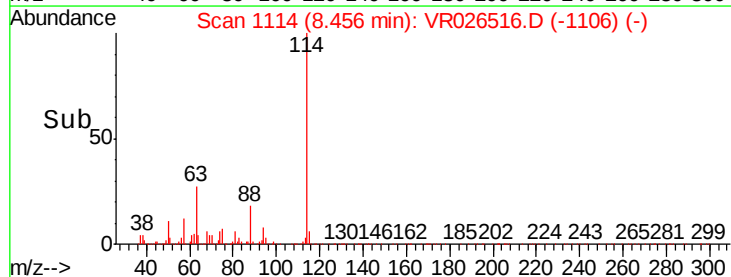
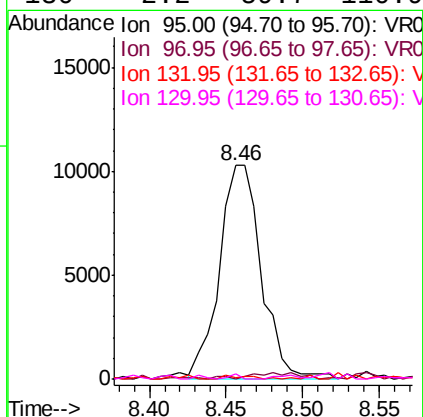
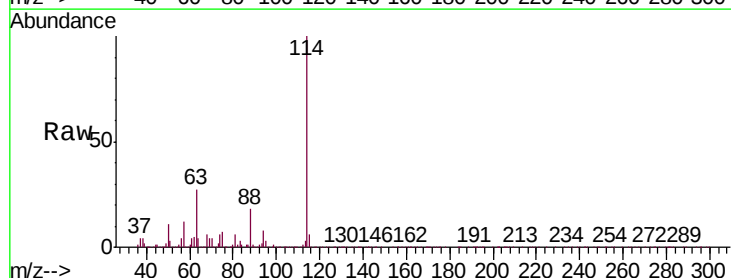
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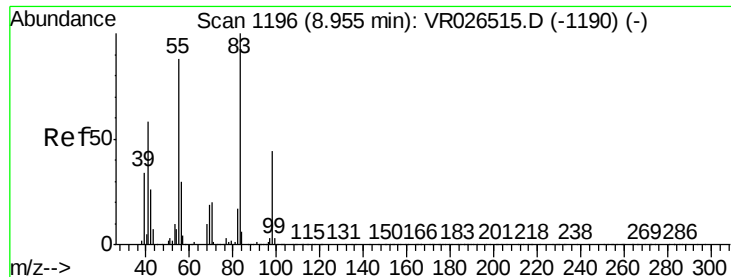
Tgt Ion: 84 Resp: 7609
Ion Ratio Lower Upper
84 100
86 49.1 45.6 84.6
49 98.9 106.5 197.9#



#34
Trichloroethene
Concen: 0.382 ug/L
RT: 8.46 min Scan# 1114
Delta R.T. -0.25 min
Lab File: VR026516.D
Acq: 9 Apr 2019 15:31

Tgt Ion: 95 Resp: 19521
Ion Ratio Lower Upper
95 100
97 0.0 43.8 81.3#
132 0.7 57.2 106.2#
130 2.2 59.7 110.9#

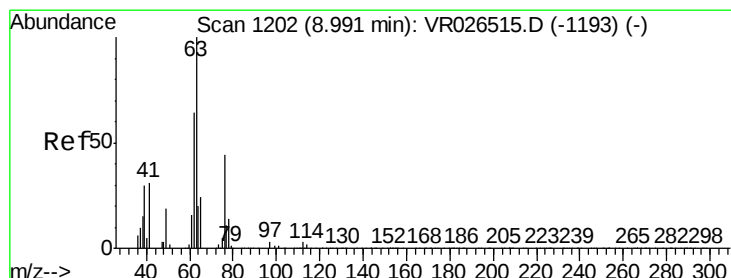
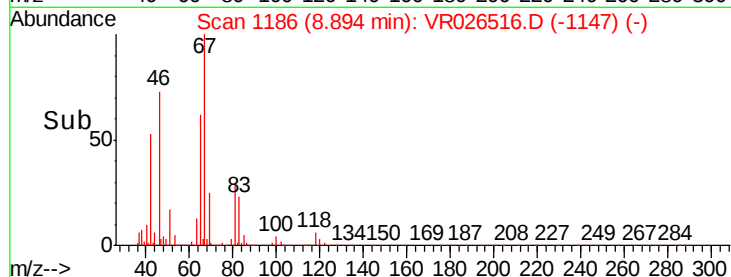
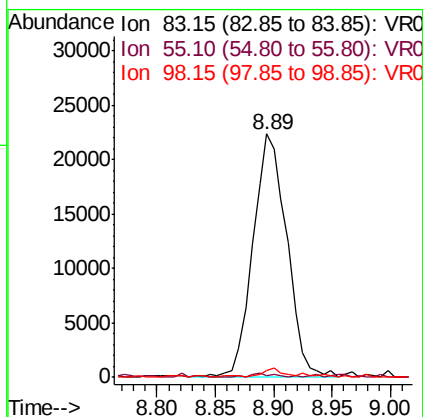
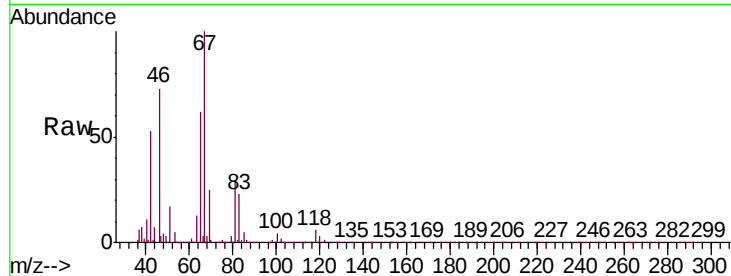




#35
Methylcyclohexane
Concen: 0.619 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.06 min
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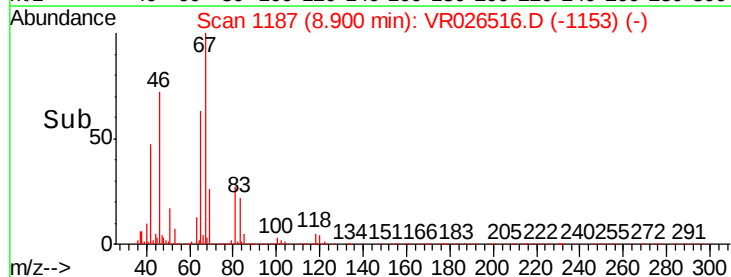
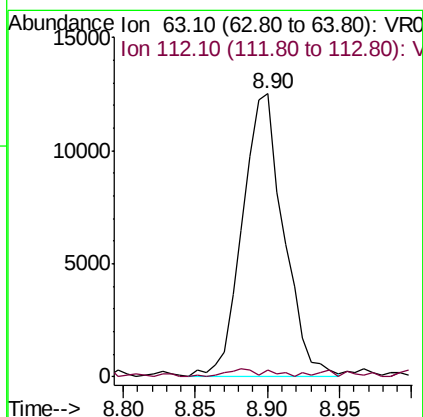
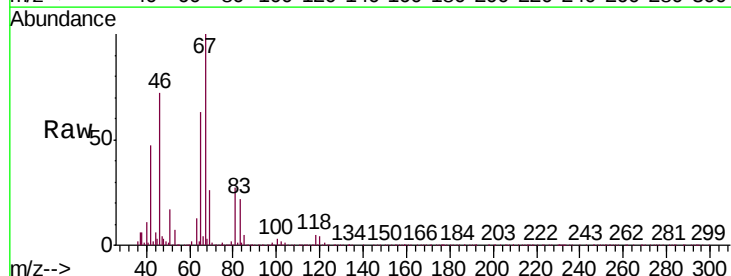
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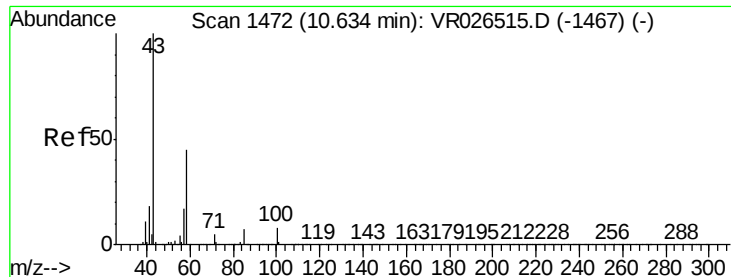
Tgt Ion: 83 Resp: 45091
Ion Ratio Lower Upper
83 100
55 1.2 73.8 110.6#
98 2.3 34.6 51.8#



#37
1,2-Dichloropropane
Concen: 0.595 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.09 min
Lab File: VR026516.D
Acq: 9 Apr 2019 15:31

Tgt Ion: 63 Resp: 24870
Ion Ratio Lower Upper
63 100
112 2.1 2.8 4.2#





#48

2-Hexanone

Concen: 3.143 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

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Acq: 9 Apr 2019 15:31

Instrument :

MSVOA_R

ClientSampleId :

VBLK94

Tgt Ion: 43 Resp: 25591

Ion Ratio Lower Upper

43 100

58 31.3 38.2 57.2#

57 33.2 13.8 20.6#

100 4.4 6.2 9.2#

