

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101718\
 Data File : VR026114.D
 Acq On : 17 Oct 2018 14:36
 Operator : SY/MD
 Sample : J5464-04 40X
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0JD9

Quant Time: Oct 19 02:49:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 19 02:46:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	711972	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	587460	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	183231	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	245126	3.93	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.60%
7) Chloroethane-d5	2.63	69	201962	3.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.40%
11) 1,1-Dichloroethene-d2	3.61	63	433860	2.84	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.80%#
20) 2-Butanone-d5	6.58	46	175074	34.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.44%
24) Chloroform-d	7.20	84	326519	3.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.00%#
26) 1,2-Dichloroethane-d4	7.89	65	134190	3.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.20%#
32) Benzene-d6	7.85	84	667397	3.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.80%
36) 1,2-Dichloropropane-d6	8.90	67	173494	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.20%
41) Toluene-d8	9.97	98	627195	3.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.40%
43) trans-1,3-Dichloropropene-	10.24	79	38646	3.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	60.40%
46) 2-Hexanone-d5	10.59	63	135125	36.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.22%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	63268	3.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	66.20%
64) 1,2-Dichlorobenzene-d4	13.52	152	109146	3.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	75.40%#

Target Compounds

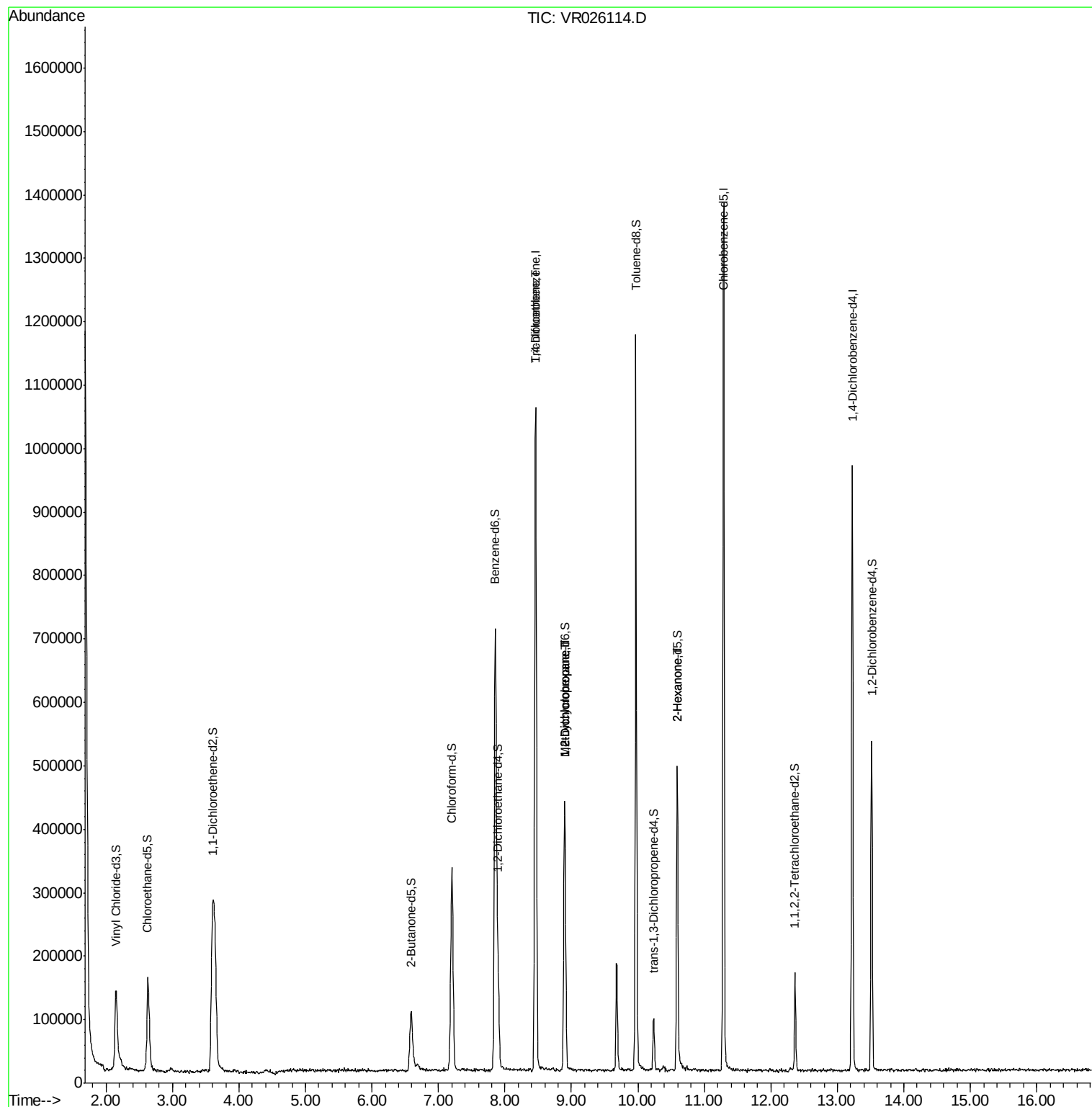
				Ovalue
34) Trichloroethene	8.46	95	24702	0.438 ug/L # 10
35) Methylcyclohexane	8.90	83	43411	0.517 ug/L # 18
37) 1,2-Dichloropropane	8.90	63	21101	0.454 ug/L # 97
48) 2-Hexanone	10.59	43	22343	2.409 ug/L # 70

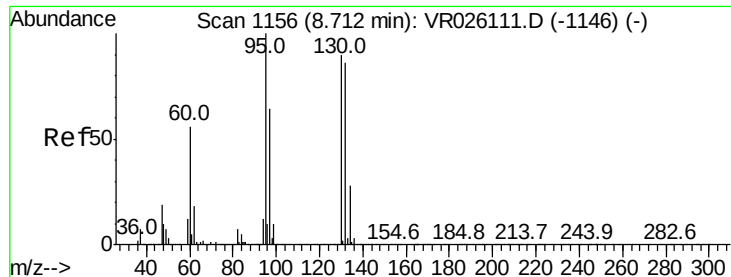
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 0.438 ug/L

RT: 8.46 min Scan# 1115

Delta R.T. -0.25 min

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Instrument :

MSVOA_R

ClientSampleId :

C0JD9

Tot Ion: 95 Resp: 24702

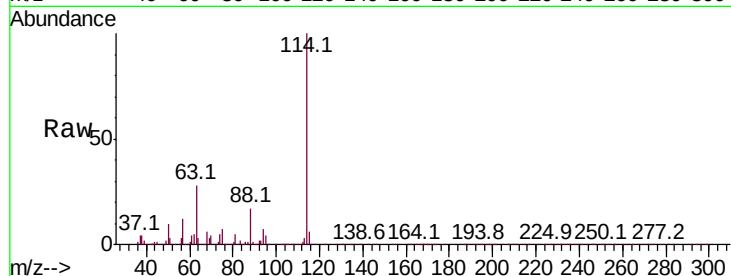
Ion Ratio Lower Upper

95 100

97 1.2 45.7 84.9#

132 0.4 58.3 108.3#

130 0.7 64.0 119.0#

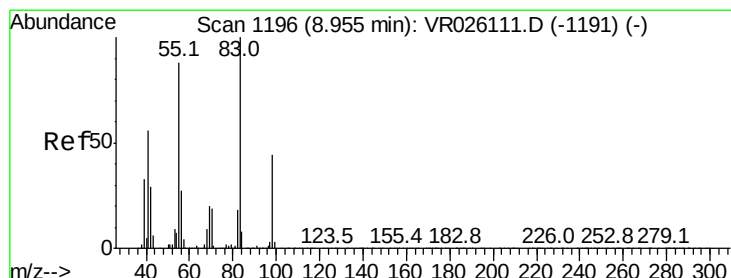
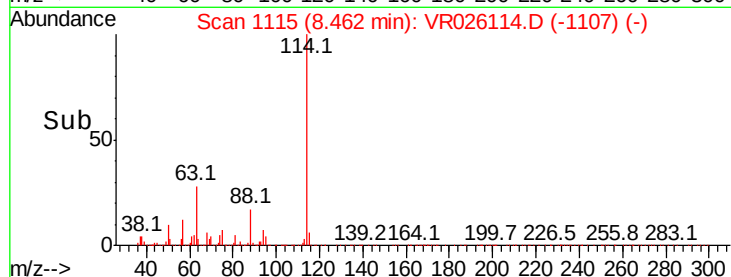
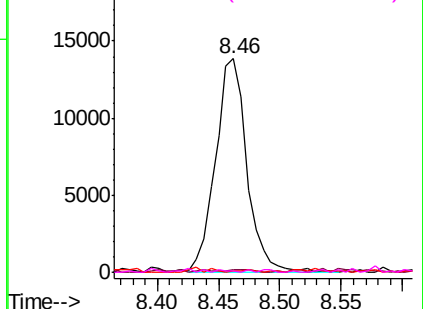


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.517 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

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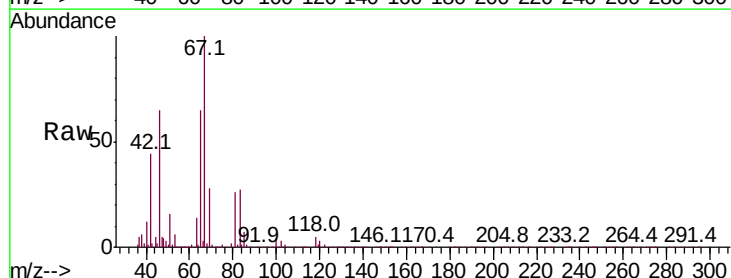
Tgt Ion: 83 Resp: 43411

Ion Ratio Lower Upper

83 100

55 1.5 66.8 100.2#

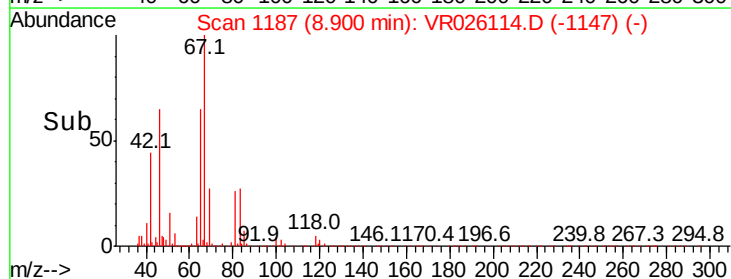
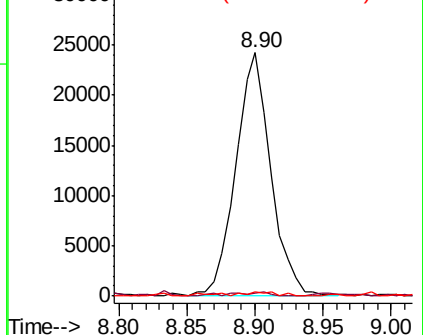
98 1.2 35.2 52.8#

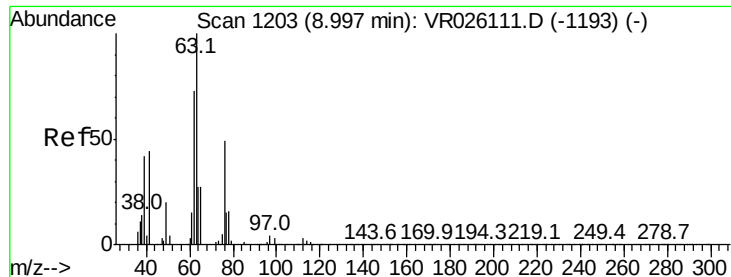


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#37

1,2-Dichloropropane

Concen: 0.454 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.10 min

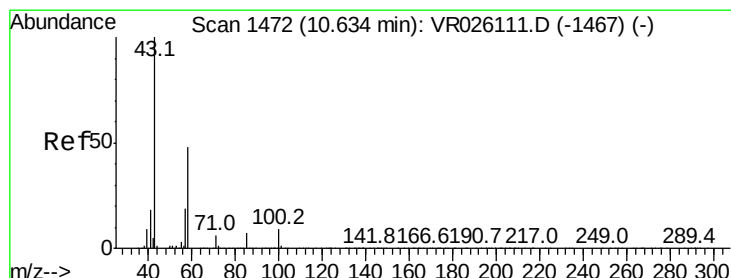
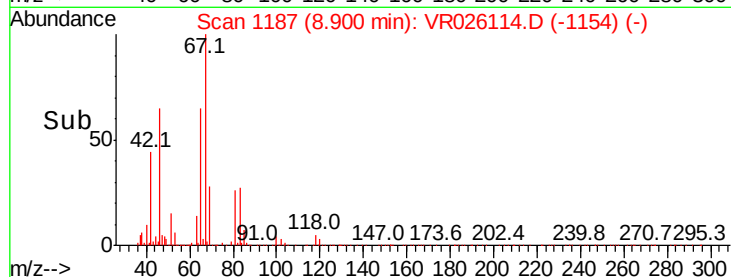
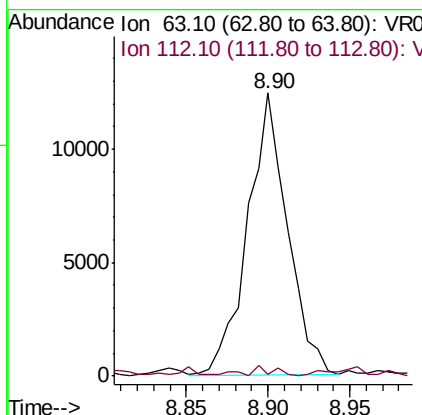
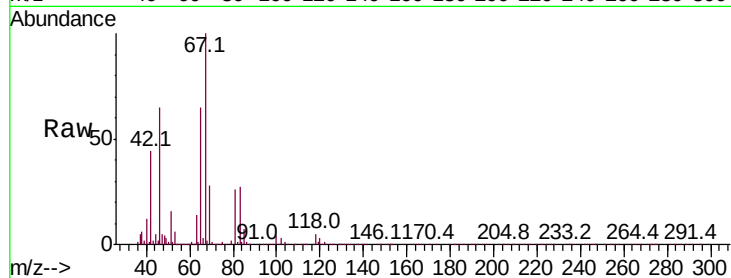
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Tot Ion: 63 Resp: 21101

Ion	Ratio	Lower	Upper
63	100		
112	2.5	2.7	4.1#



#48

2-Hexanone

Concen: 2.409 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR026114.D

Acq: 17 Oct 2018 14:36

Tgt Ion: 43 Resp: 22343

Ion	Ratio	Lower	Upper
43	100		
58	24.2	39.6	59.4#
57	26.1	14.0	21.0#
100	3.5	7.0	10.6#

