

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR090718\
 Data File : VR025689.D
 Acq On : 7 Sep 2018 16:01
 Operator : SY/MD
 Sample : J4750-11
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VHBLK01

Quant Time: Sep 08 03:05:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR090718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 08 02:10:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	683409	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	583042	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	176089	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	143080	4.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.20%
7) Chloroethane-d5	2.63	69	126052	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.60%
11) 1,1-Dichloroethene-d2	3.63	63	279941	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	6.59	46	135212	45.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.16%
24) Chloroform-d	7.20	84	315031	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	7.90	65	108668	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	7.85	84	735319	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	8.90	67	201679	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	9.97	98	678858	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	10.24	79	39484	3.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.40%
46) 2-Hexanone-d5	10.59	63	146263	46.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.34%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	80768	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.00%
64) 1,2-Dichlorobenzene-d4	13.52	152	140553	5.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.60%

Target Compounds

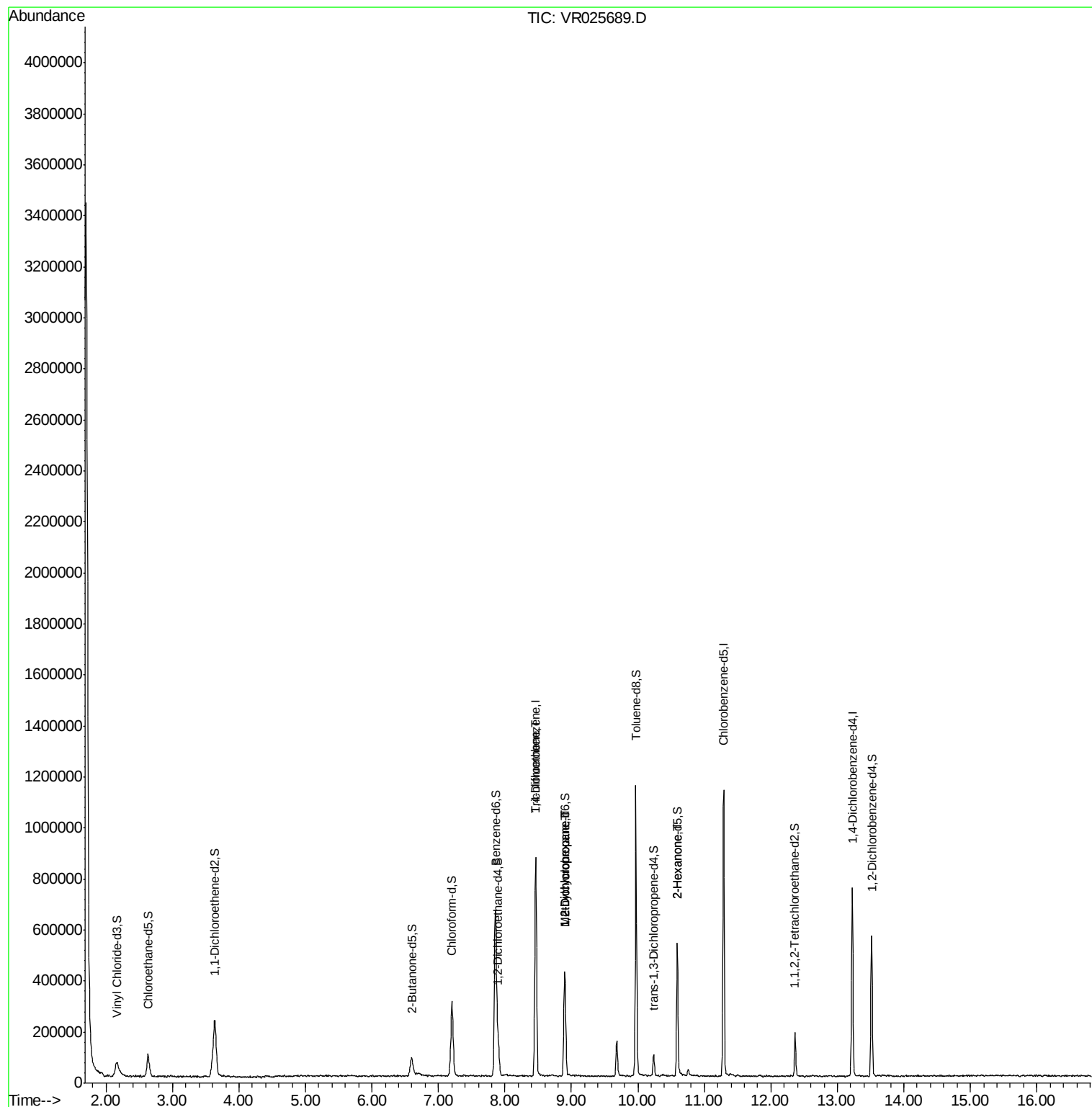
					Qvalue
34) Trichloroethene	8.46	95	19034	0.378 ug/L #	4
35) Methylcyclohexane	8.90	83	44271	0.570 ug/L #	22
37) 1,2-Dichloropropane	8.90	63	20143	0.430 ug/L #	93
48) 2-Hexanone	10.59	43	19349	2.383 ug/L #	67

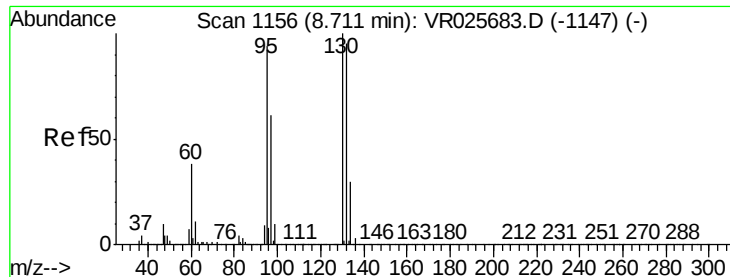
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 0.378 ug/L

RT: 8.46 min Scan# 1114

Delta R.T. -0.26 min

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ClientSampleId :

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Tgt Ion: 95 Resp: 19034

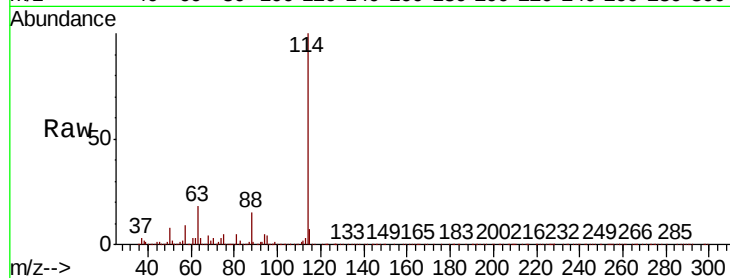
Ion Ratio Lower Upper

95 100

97 1.6 45.5 84.5#

132 0.0 71.0 131.9#

130 1.6 74.5 138.3#

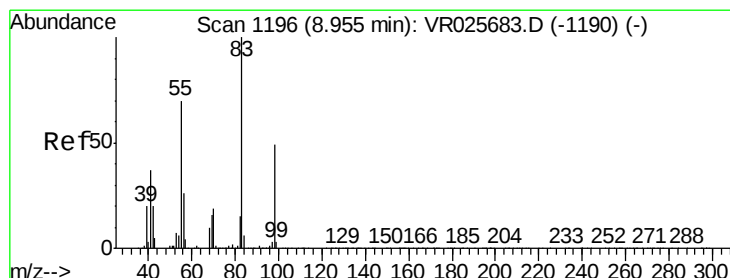
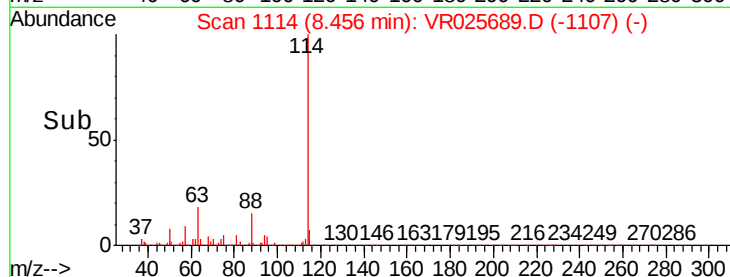
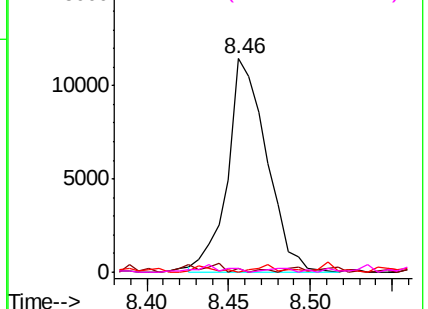


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.570 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

Lab File: VR025689.D

Acq: 7 Sep 2018 16:01

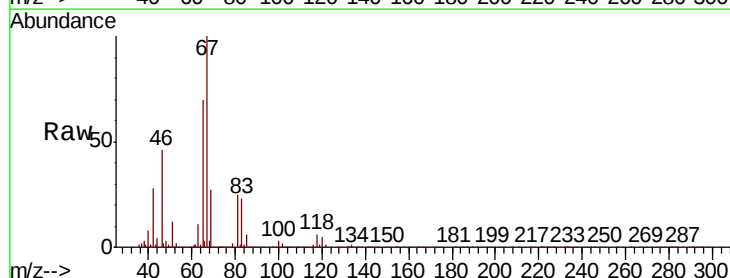
Tgt Ion: 83 Resp: 44271

Ion Ratio Lower Upper

83 100

55 2.4 58.9 88.3#

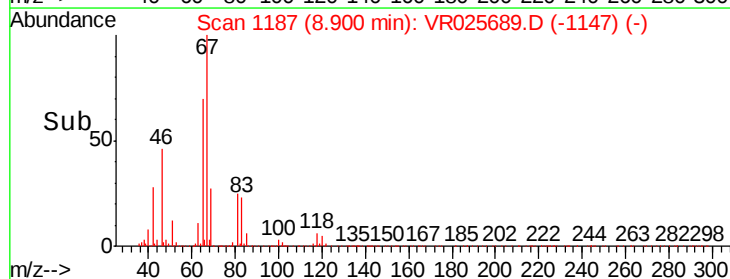
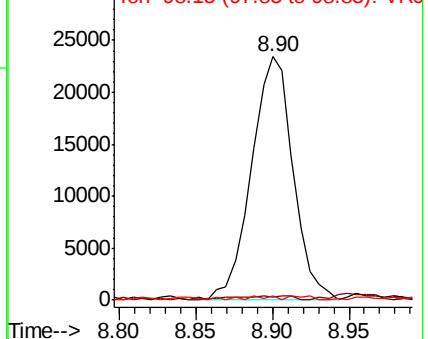
98 0.8 36.9 55.3#

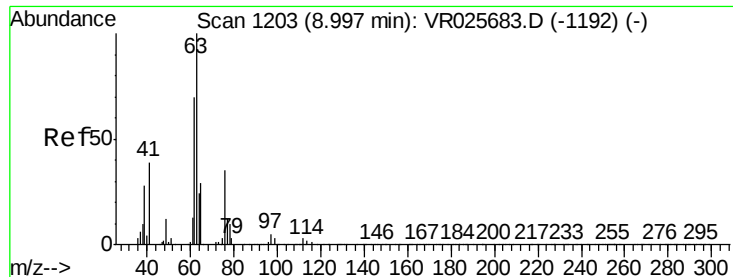


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

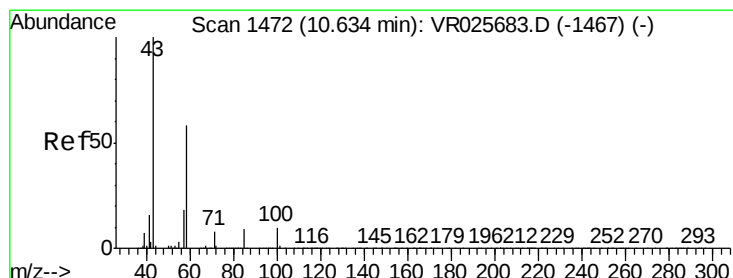
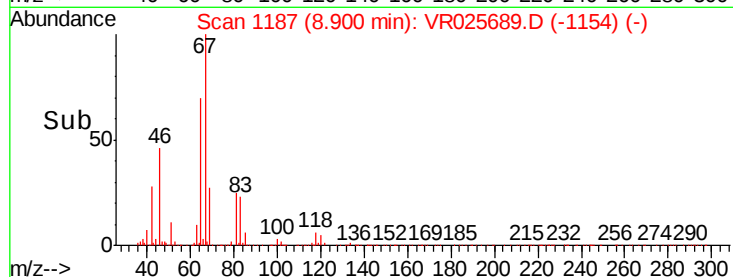
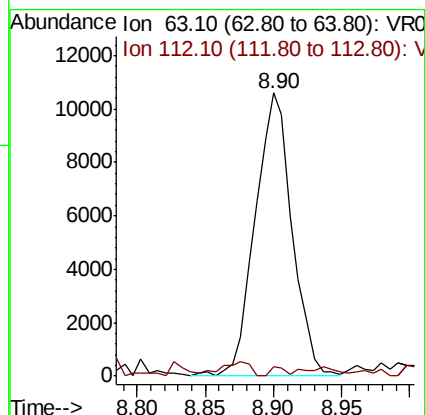
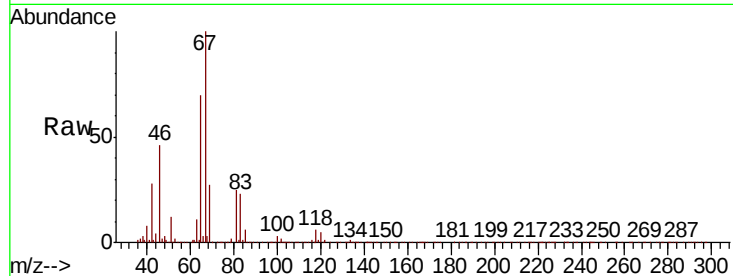




#37
 1,2-Dichloropropane
 Concen: 0.430 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.10 min
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Tgt Ion: 63 Resp: 20143
 Ion Ratio Lower Upper
 63 100
 112 1.4 2.9 4.3#



#48
 2-Hexanone
 Concen: 2.383 ug/L
 RT: 10.59 min Scan# 1465
 Delta R.T. -0.04 min
 Lab File: VR025689.D
 Acq: 7 Sep 2018 16:01

Tgt Ion: 43 Resp: 19349
 Ion Ratio Lower Upper
 43 100
 58 29.5 45.8 68.8#
 57 31.6 14.2 21.2#
 100 8.0 8.6 13.0#

