

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR091818\
 Data File : VR025761.D
 Acq On : 18 Sep 2018 19:18
 Operator : SY/MD
 Sample : J4874-21
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 A3ZA5

Quant Time: Sep 19 09:14:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 17 16:10:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	697721	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	588093	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	170934	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	150660	3.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.00%
7) Chloroethane-d5	2.63	69	123032	3.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.20%
11) 1,1-Dichloroethene-d2	3.63	63	289133	2.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.60%#
20) 2-Butanone-d5	6.59	46	169977	56.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.78%
24) Chloroform-d	7.20	84	368374	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	7.90	65	139159	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	7.85	84	816164	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	8.90	67	235426	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	9.97	98	733941	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	10.24	79	43465	3.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.40%
46) 2-Hexanone-d5	10.59	63	181528	57.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.32%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	101932	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.20%
64) 1,2-Dichlorobenzene-d4	13.52	152	157606	5.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.60%

Target Compounds

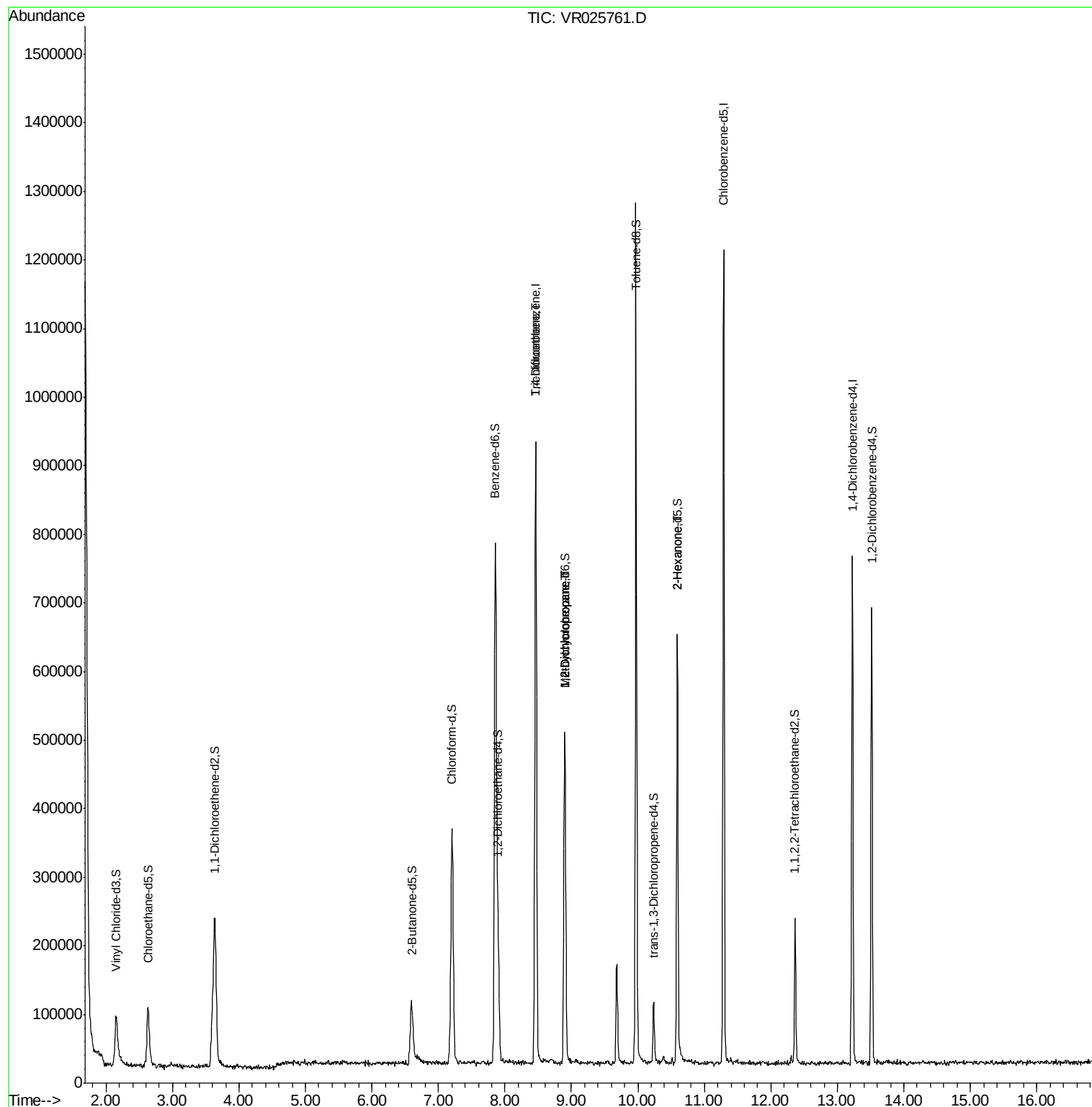
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
34) Trichloroethene	8.46	95	18469	0.357	ug/L #	6
35) Methylcyclohexane	8.90	83	50105	0.615	ug/L #	21
37) 1,2-Dichloropropane	8.90	63	24265	0.504	ug/L #	91
48) 2-Hexanone	10.59	43	21228	2.480	ug/L #	69

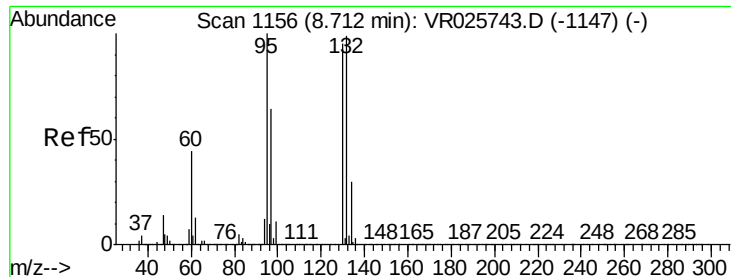
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 0.357 ug/L

RT: 8.46 min Scan# 1115

Delta R.T. -0.25 min

Lab File: VR025761.D

Acq: 18 Sep 2018 19:18

Instrument :

MSVOA_R

ClientSampleId :

A3ZA5

Tgt Ion: 95 Resp: 18469

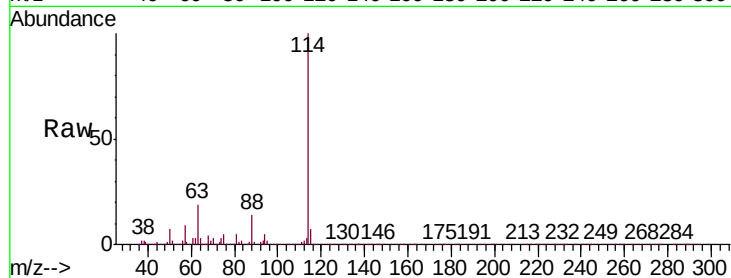
Ion Ratio Lower Upper

95 100

97 0.0 44.9 83.5#

132 0.0 69.2 128.6#

130 1.8 66.4 123.4#

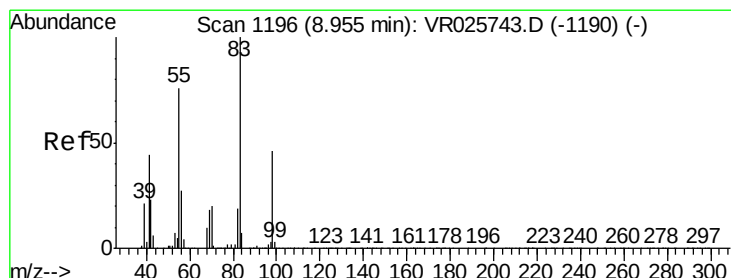
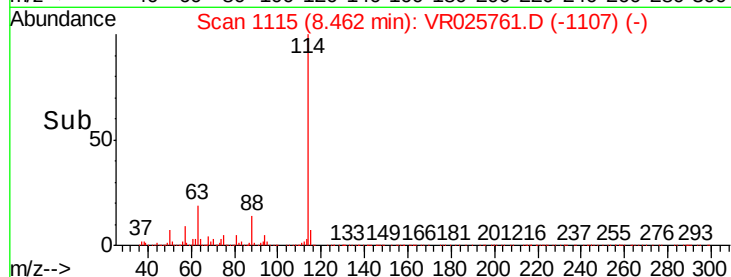
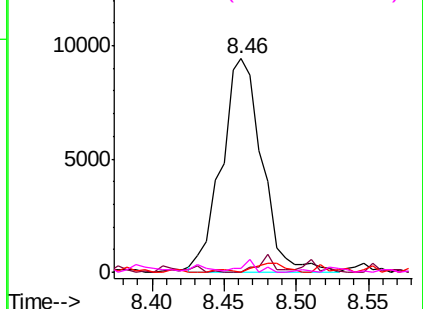


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.615 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

Lab File: VR025761.D

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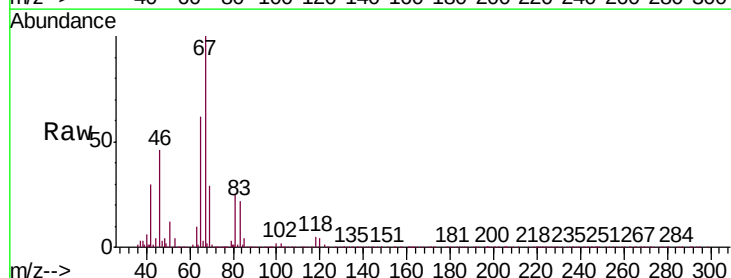
Tgt Ion: 83 Resp: 50105

Ion Ratio Lower Upper

83 100

55 2.0 60.2 90.4#

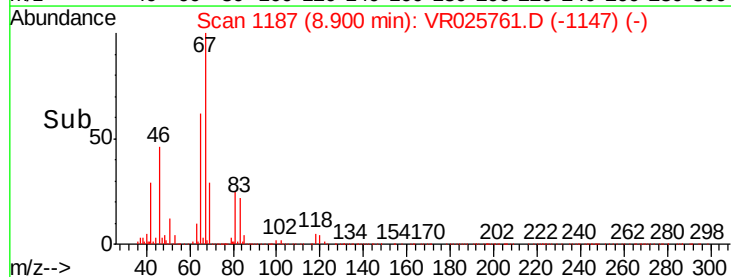
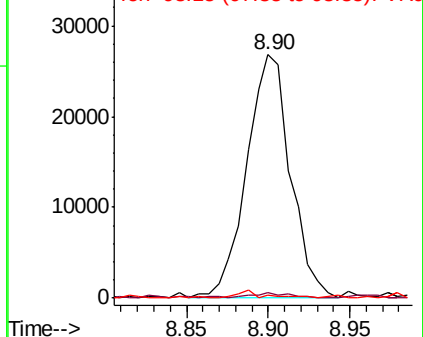
98 1.4 36.2 54.4#

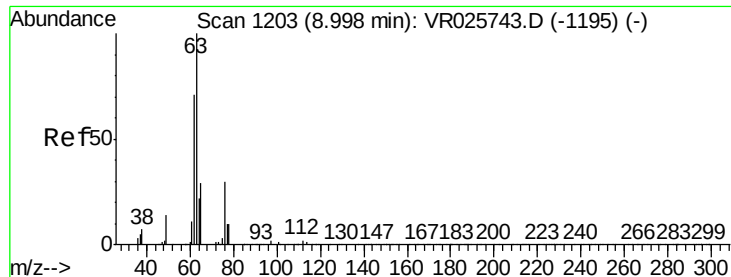


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

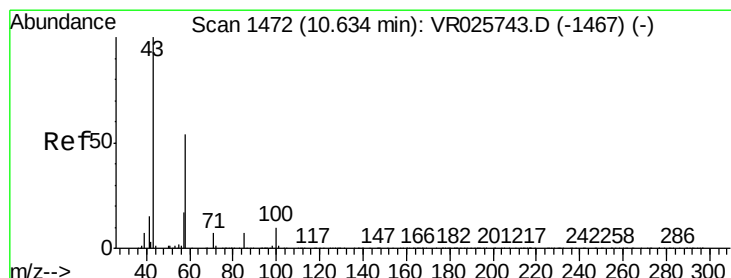
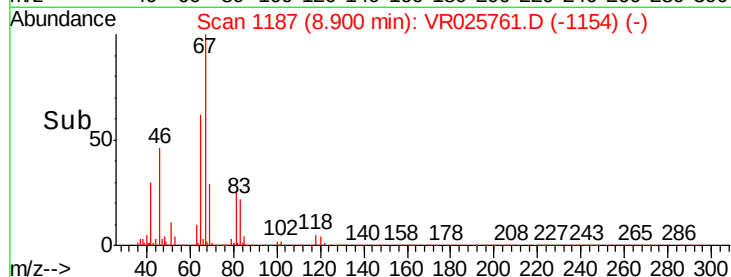
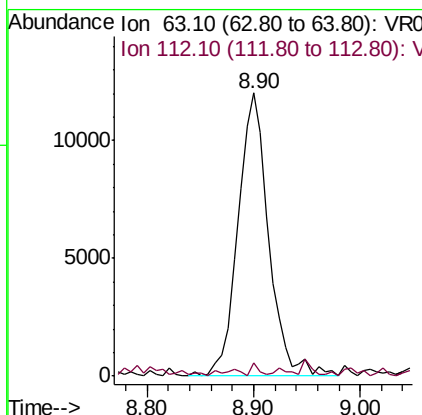
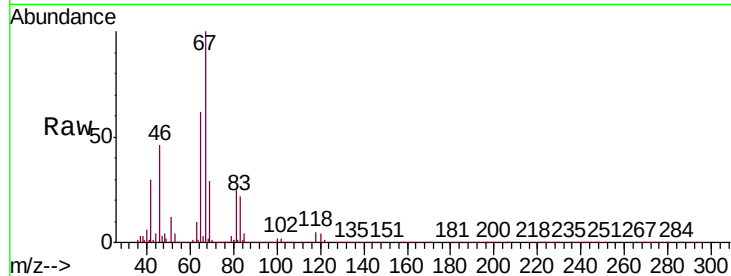




#37
 1,2-Dichloropropane
 Concen: 0.504 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.10 min
 Lab File: VR025761.D
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Tgt Ion: 63 Resp: 24265
 Ion Ratio Lower Upper
 63 100
 112 1.2 3.3 4.9#



#48
 2-Hexanone
 Concen: 2.480 ug/L
 RT: 10.59 min Scan# 1465
 Delta R.T. -0.04 min
 Lab File: VR025761.D
 Acq: 18 Sep 2018 19:18

Tgt Ion: 43 Resp: 21228
 Ion Ratio Lower Upper
 43 100
 58 33.1 44.4 66.6#
 57 36.3 14.0 21.0#
 100 13.3 8.2 12.2#

