

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR100118\
 Data File : VR025910.D
 Acq On : 1 Oct 2018 14:02
 Operator : SY/MD
 Sample : J5114-03
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 02 01:47:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 02 01:45:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	574042	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	454756	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	151599	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	159077	3.51	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.20%
7) Chloroethane-d5	2.63	69	133687	3.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.20%
11) 1,1-Dichloroethene-d2	3.63	63	271956	2.56	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.20%#
20) 2-Butanone-d5	6.59	46	197103	39.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.12%
24) Chloroform-d	7.20	84	278498	3.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.60%
26) 1,2-Dichloroethane-d4	7.90	65	120263	3.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.00%
32) Benzene-d6	7.85	84	556054	3.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.40%
36) 1,2-Dichloropropane-d6	8.90	67	149316	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	73.20%
41) Toluene-d8	9.97	98	489899	3.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.00%#
43) trans-1,3-Dichloropropene-	10.23	79	31382	3.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.80%
46) 2-Hexanone-d5	10.59	63	139469	39.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.00%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	57310	3.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	69.20%
64) 1,2-Dichlorobenzene-d4	13.52	152	90441	3.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	74.60%#

Target Compounds

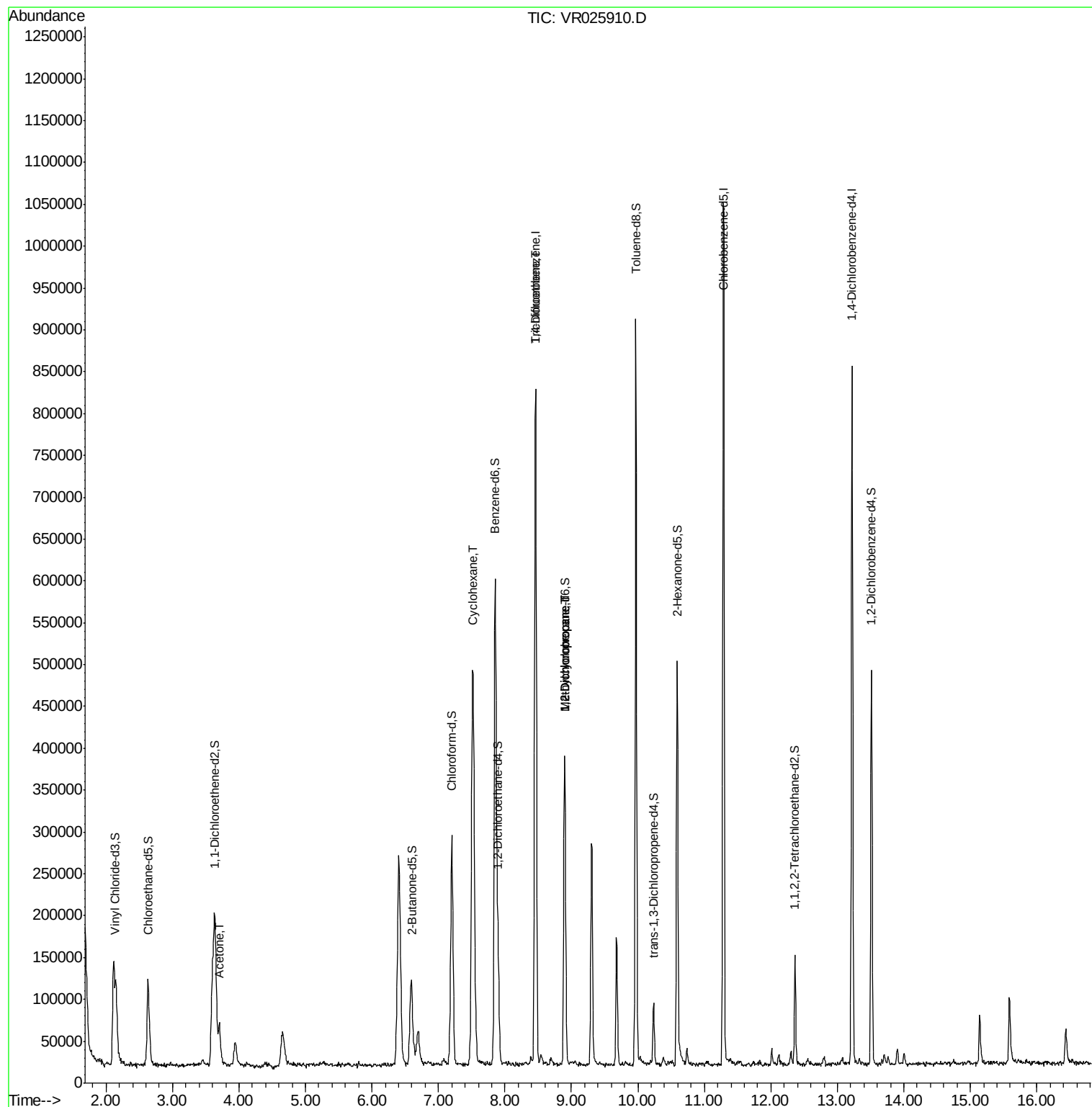
					Ovalue
13) Acetone	3.70	43	79612	21.765	ug/L 98
30) Cyclohexane	7.51	56	303335	4.747	ug/L 98
34) Trichloroethene	8.46	95	20075	0.500	ug/L # 15
35) Methylcyclohexane	8.90	83	37690	0.624	ug/L # 18
37) 1,2-Dichloropropane	8.90	63	19416	0.593	ug/L # 96

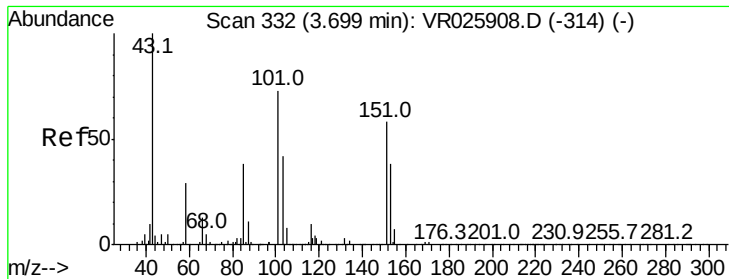
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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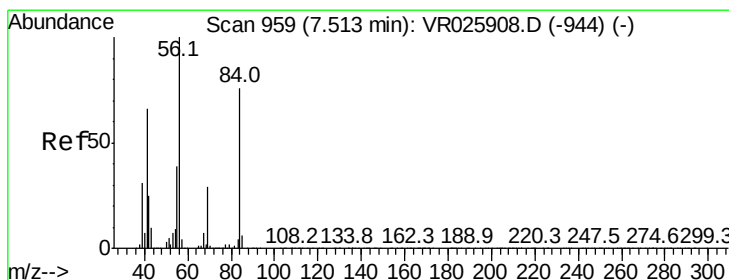
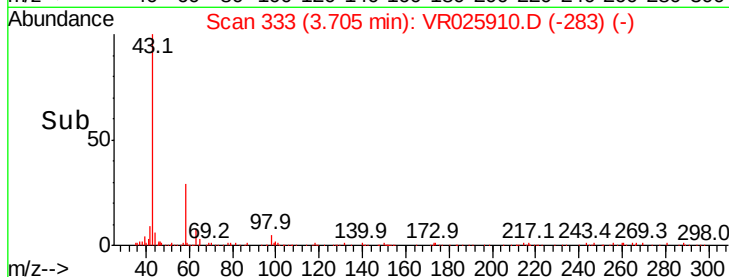
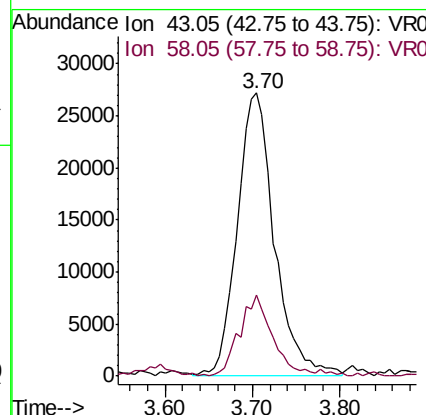
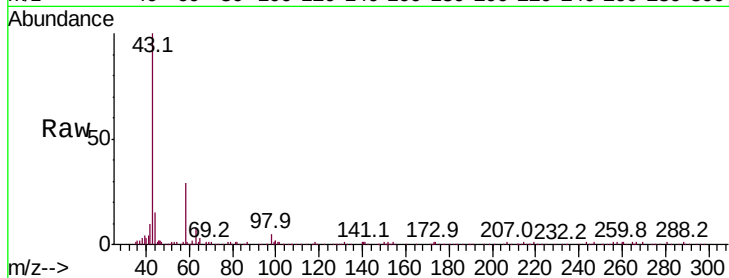




#13
Acetone
Concen: 21.765 ug/L
RT: 3.70 min Scan# 333
Delta R.T. 0.01 min
Lab File: VR025910.D
Acq: 1 Oct 2018 14:02

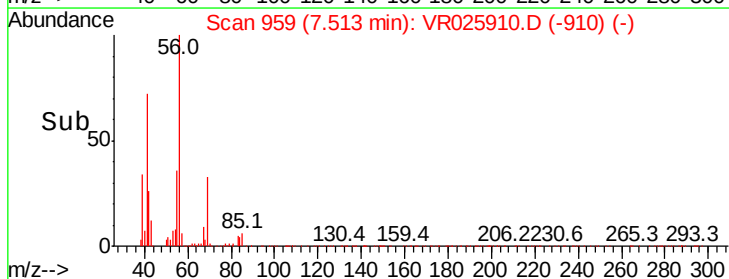
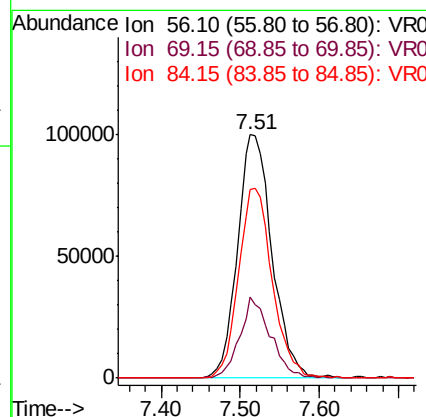
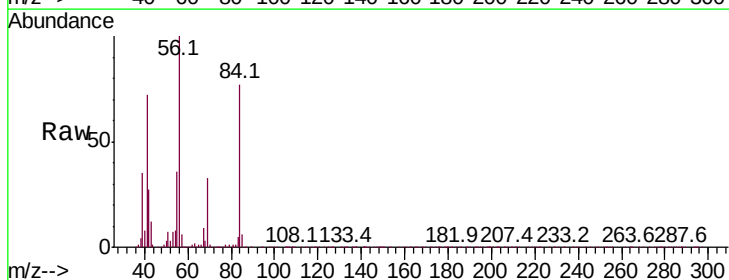
Instrument :
MSVOA_R
ClientSampleId :

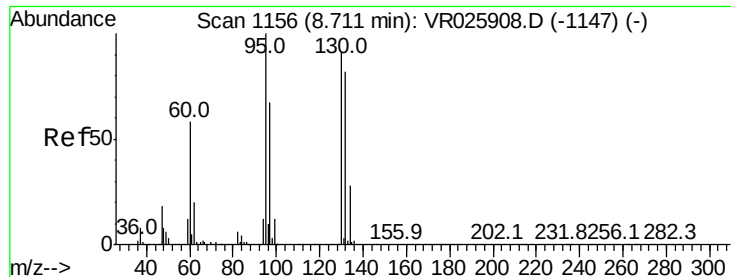
Tot Ion: 43 Resp: 79612
Ion Ratio Lower Upper
43 100
58 24.8 0.0 51.4



#30
Cyclohexane
Concen: 4.747 ug/L
RT: 7.51 min Scan# 959
Delta R.T. 0.00 min
Lab File: VR025910.D
Acq: 1 Oct 2018 14:02

Tgt Ion: 56 Resp: 303335
Ion Ratio Lower Upper
56 100
69 29.5 24.8 37.2
84 76.2 59.8 89.8





#34

Trichloroethene

Concen: 0.500 ug/L

RT: 8.46 min Scan# 1115

Delta R.T. -0.25 min

Lab File: VR025910.D

Acq: 1 Oct 2018 14:02

Instrument :

MSVOA_R

ClientSampleId :

Tot Ion: 95 Resp: 20075

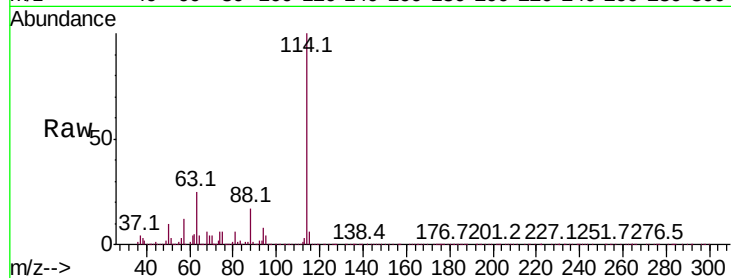
Ion Ratio Lower Upper

95 100

97 2.1 43.9 81.5#

132 1.5 53.3 98.9#

130 0.0 53.8 99.8#

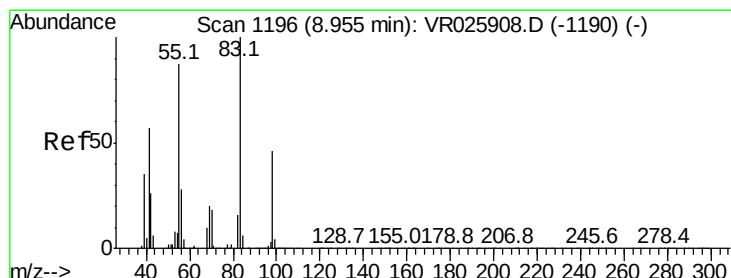
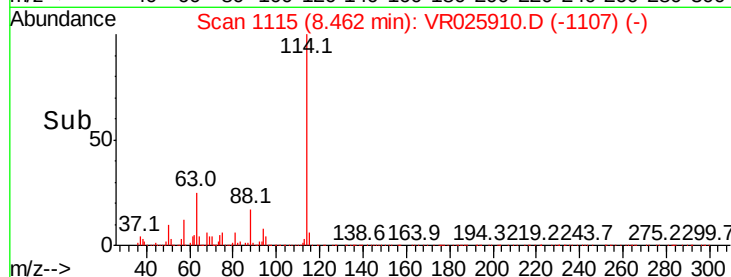
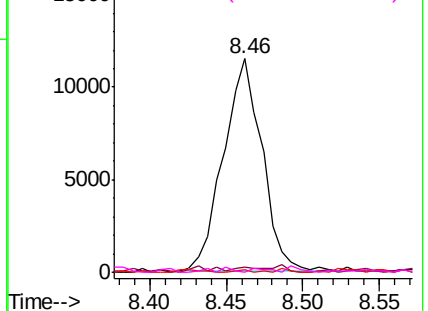


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.624 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

Lab File: VR025910.D

Acq: 1 Oct 2018 14:02

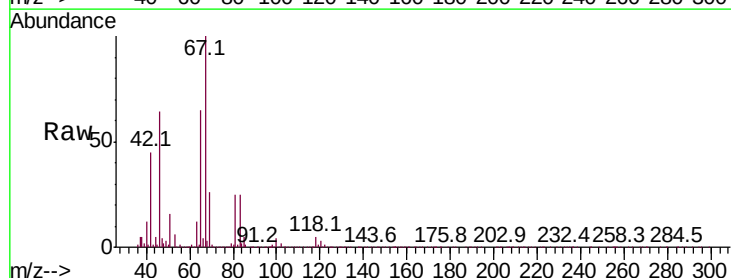
Tgt Ion: 83 Resp: 37690

Ion Ratio Lower Upper

83 100

55 2.9 71.8 107.6#

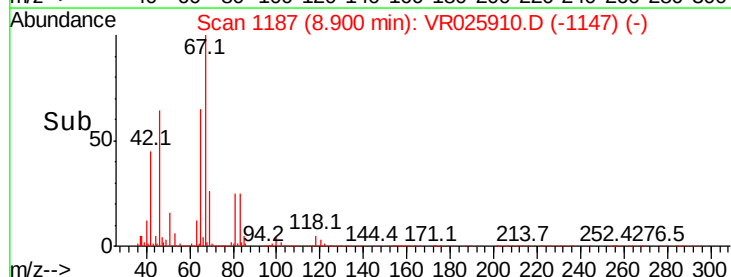
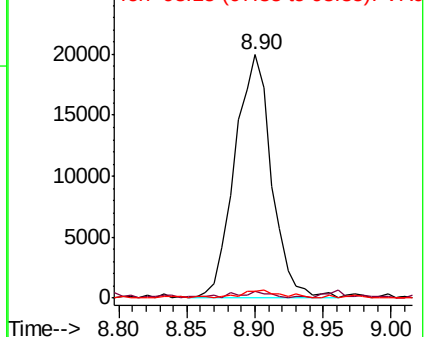
98 3.8 34.2 51.4#

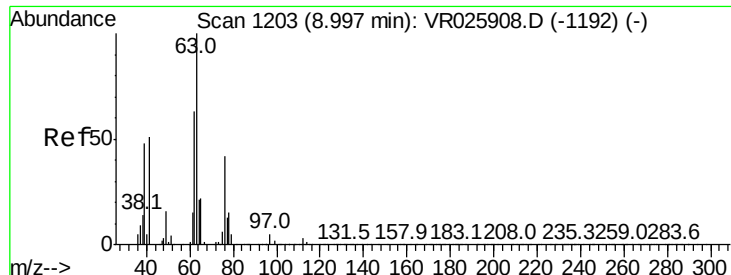


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#37

1,2-Dichloropropane

Concen: 0.593 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.10 min

Lab File: VR025910.D

Acq: 1 Oct 2018 14:02

Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 63 Resp: 19416

Ion Ratio Lower Upper

63 100

112 1.8 2.5 3.7#

