

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR091418\
 Data File : VR025728.D
 Acq On : 14 Sep 2018 14:17
 Operator : SY/MD
 Sample : J4887-07
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Sep 15 03:29:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR090718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 15 03:08:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	664698	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	566904	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	160141	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	165555	5.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.60%
7) Chloroethane-d5	2.63	69	133861	5.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.20%
11) 1,1-Dichloroethene-d2	3.63	63	306886	3.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.60%
20) 2-Butanone-d5	6.59	46	107604	36.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.76%
24) Chloroform-d	7.20	84	312780	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	7.90	65	107483	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	7.85	84	727199	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	8.89	67	198253	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	9.97	98	645893	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	10.23	79	37767	3.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.20%
46) 2-Hexanone-d5	10.59	63	118091	38.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.50%
57) 1,1,2,2-Tetrachloroethane-	12.37	84	79842	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	137506	6.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.20%#

Target Compounds

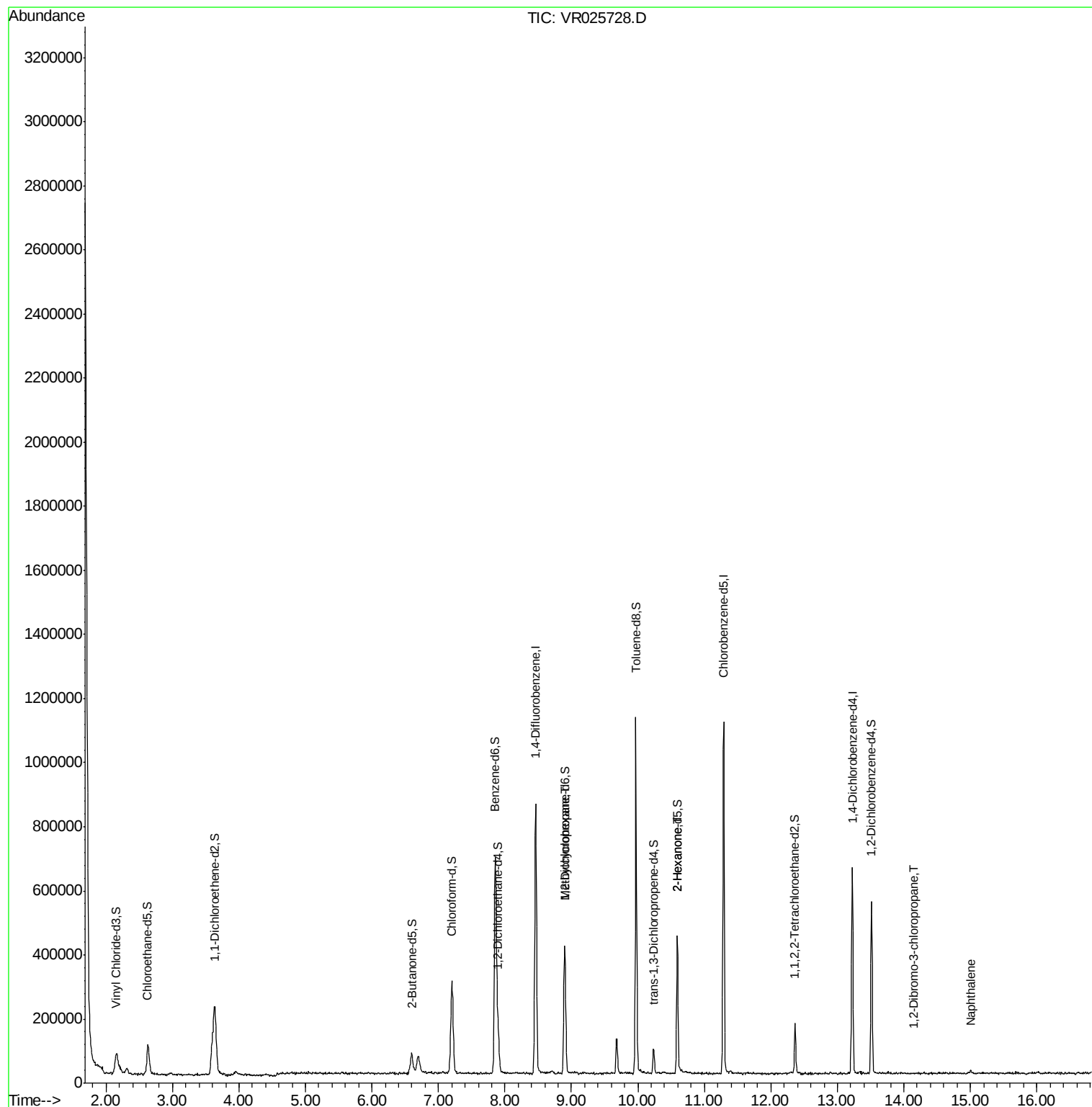
					Ovalue
35) Methylcyclohexane	8.90	83	40458	0.54	ug/L # 21
48) 2-Hexanone	10.59	43	14652	1.86	ug/L # 51
66) 1,2-Dibromo-3-chloropropan	14.15	75	281	0.22	ug/L # 54
69) Naphthalene	15.00	128	5087	0.25	ug/L # 73

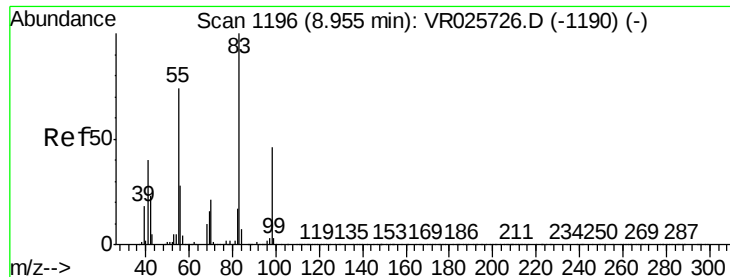
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.54 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

Lab File: VR025728.D

Acq: 14 Sep 2018 14:17

Instrument :

MSVOA_R

ClientSampled :

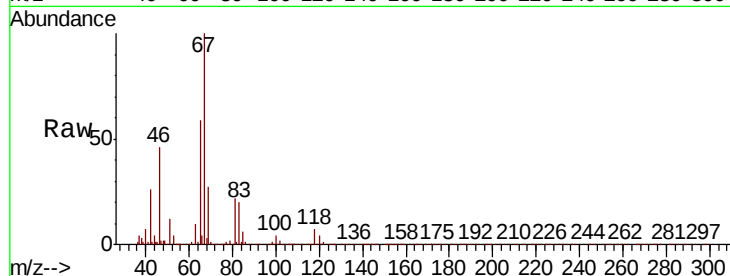
Tot Ion: 83 Resp: 40458

Ion Ratio Lower Upper

83 100

55 1.1 58.9 88.3#

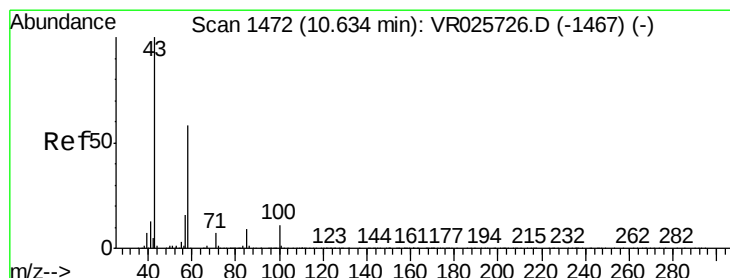
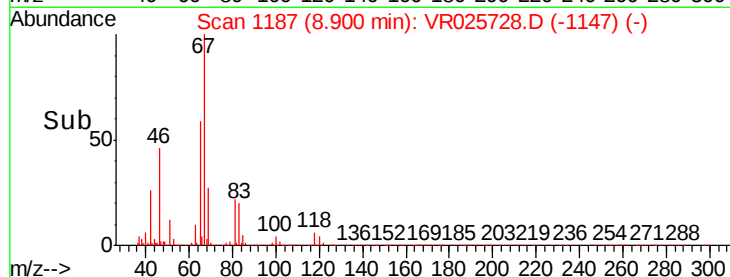
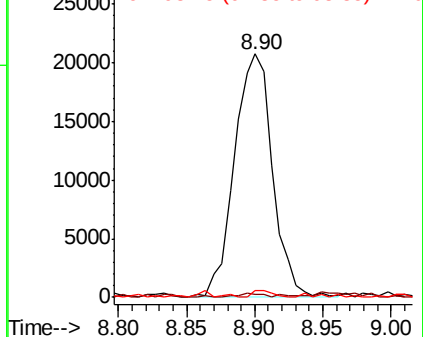
98 1.5 36.9 55.3#



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



#48

2-Hexanone

Concen: 1.86 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR025728.D

Acq: 14 Sep 2018 14:17

Tgt Ion: 43 Resp: 14652

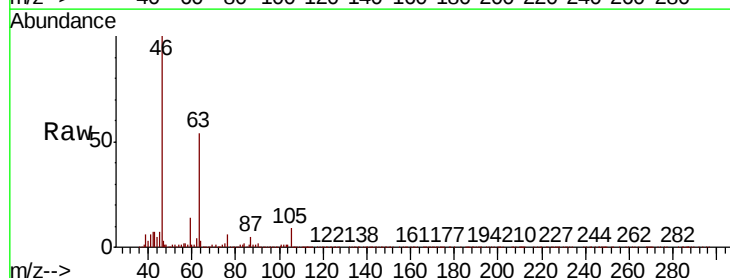
Ion Ratio Lower Upper

43 100

58 11.5 45.8 68.8#

57 31.2 14.2 21.2#

100 14.4 8.6 13.0#

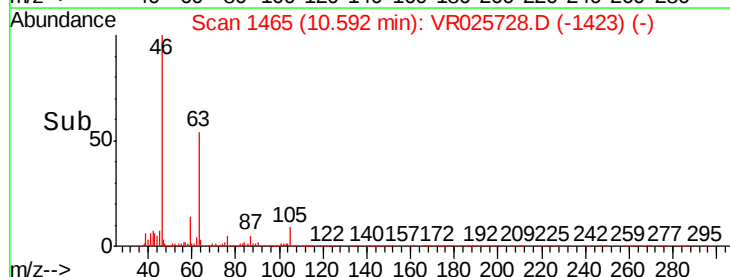
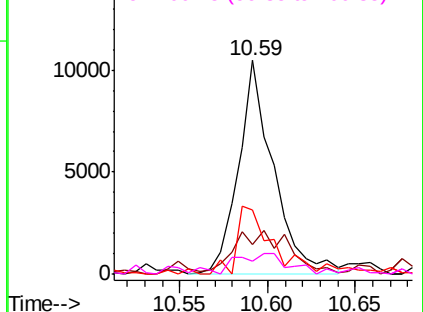


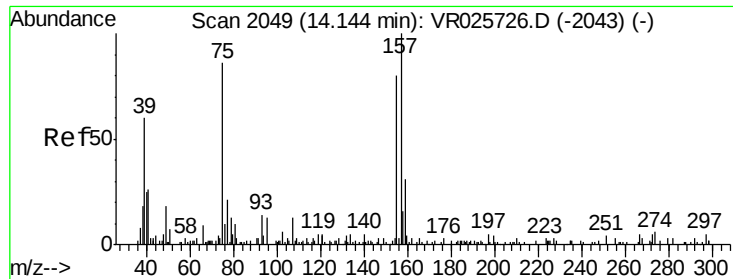
Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

Ion 57.20 (56.90 to 57.90): VR0

Ion 100.15 (99.85 to 100.85): VR0

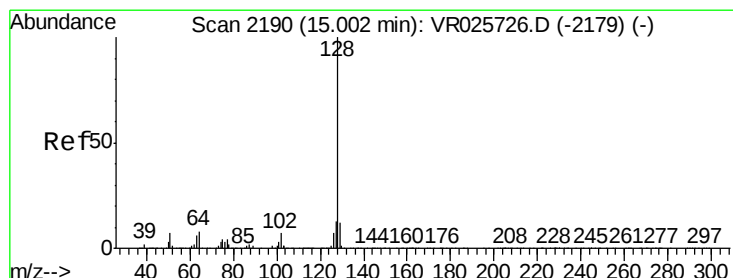
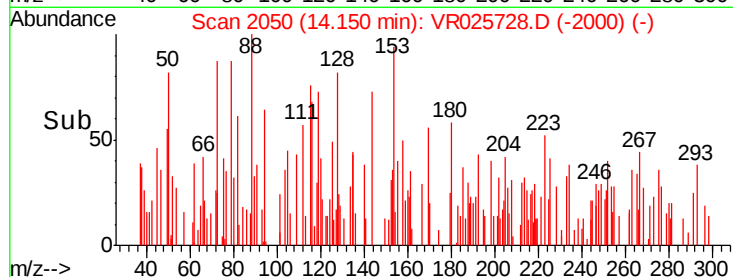
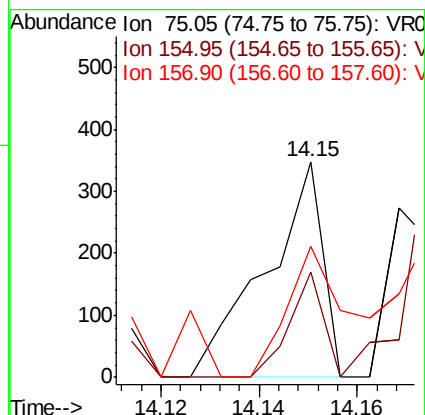
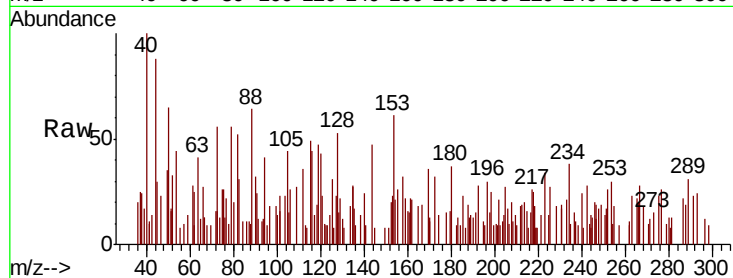




#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.22 ug/L
 RT: 14.15 min Scan# 2050
 Delta R.T. 0.01 min
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 ClientSampled :

Tot Ion: 75 Resp: 281
 Ion Ratio Lower Upper
 75 100
 155 48.9 79.3 118.9#
 157 60.6 81.4 122.2#



#69
 Naphthalene
 Concen: 0.25 ug/L
 RT: 15.00 min Scan# 2190
 Delta R.T. 0.00 min
 Lab File: VR025728.D
 Acq: 14 Sep 2018 14:17

Tgt Ion: 128 Resp: 5087
 Ion Ratio Lower Upper
 128 100
 127 23.9 10.3 15.5#
 129 20.9 9.0 13.6#

