

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR091418\
 Data File : VR025736.D
 Acq On : 14 Sep 2018 18:40
 Operator : SY/MD
 Sample : J4887-15
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Sep 15 03:30:56 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	628730	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	539508	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	156101	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	168857	6.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	123.60%
7) Chloroethane-d5	2.63	69	137591	6.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	123.00%
11) 1,1-Dichloroethene-d2	3.63	63	304305	4.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.40%
20) 2-Butanone-d5	6.59	46	121078	43.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.76%
24) Chloroform-d	7.20	84	325754	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	7.90	65	114318	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
32) Benzene-d6	7.85	84	747426	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	8.90	67	193547	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	9.97	98	660825	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
43) trans-1,3-Dichloropropene-	10.24	79	37192	3.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.80%
46) 2-Hexanone-d5	10.59	63	133735	46.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.22%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	81915	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	13.52	152	145237	6.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	131.40%#

Target Compounds

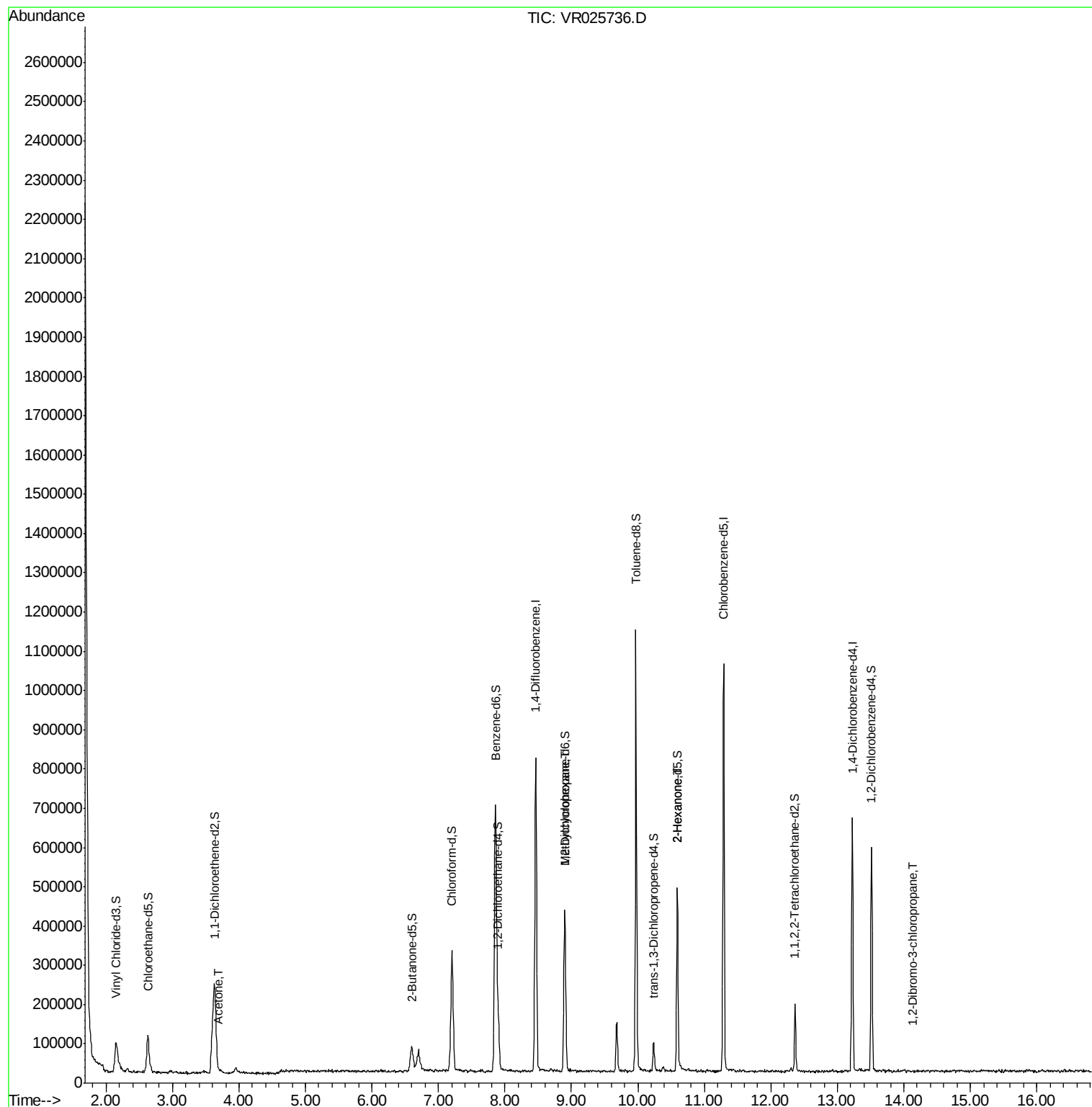
					Ovalue
13) Acetone	3.70	43	2387	1.28	ug/L 72
35) Methylcyclohexane	8.90	83	44246	0.62	ug/L # 22
48) 2-Hexanone	10.59	43	17131	2.28	ug/L # 65
66) 1,2-Dibromo-3-chloropropan	14.13	75	318	0.26	ug/L # 19

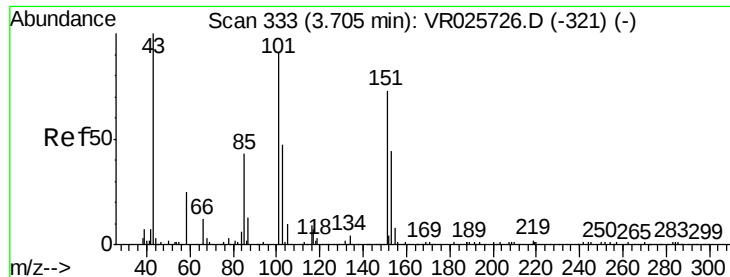
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.28 ug/L

RT: 3.70 min Scan# 332

Delta R.T. -0.01 min

Lab File: VR025736.D

Acq: 14 Sep 2018 18:40

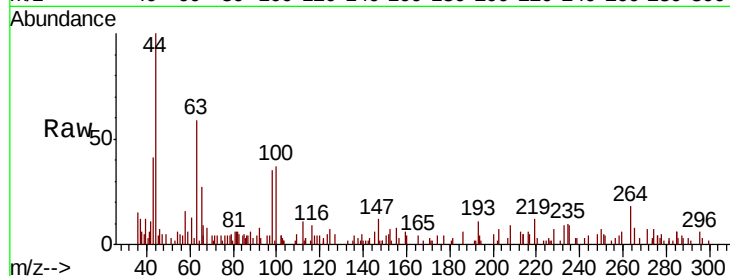
Instrument :
MSVOA_R
ClientSampled :

Tot Ion: 43 Resp: 2387

Ion Ratio Lower Upper

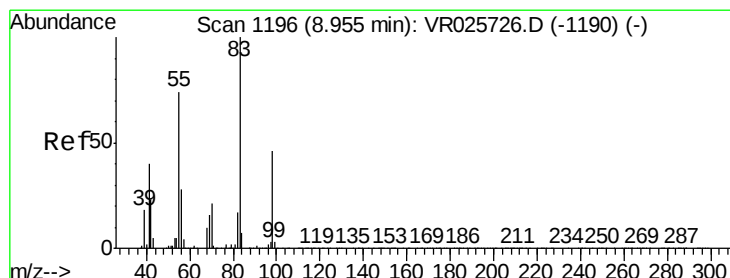
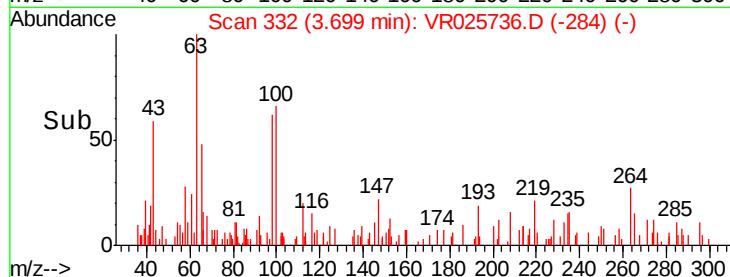
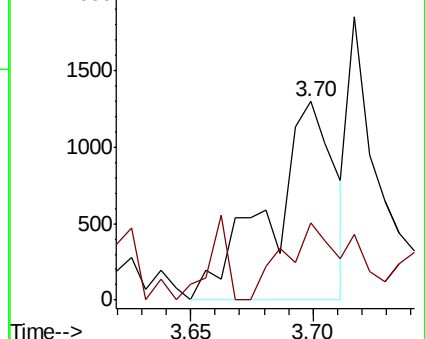
43 100

58 41.4 0.0 53.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#35

Methylcyclohexane

Concen: 0.62 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

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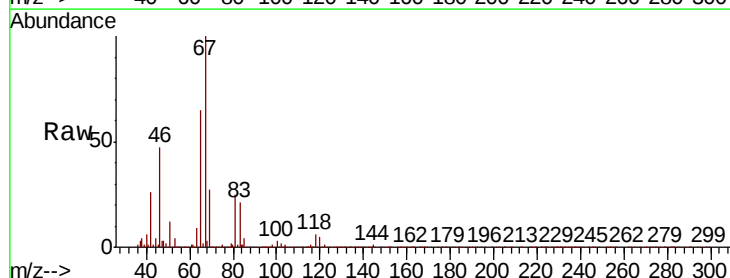
Tgt Ion: 83 Resp: 44246

Ion Ratio Lower Upper

83 100

55 1.8 58.9 88.3#

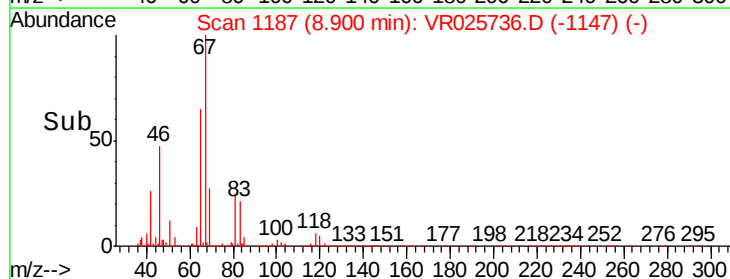
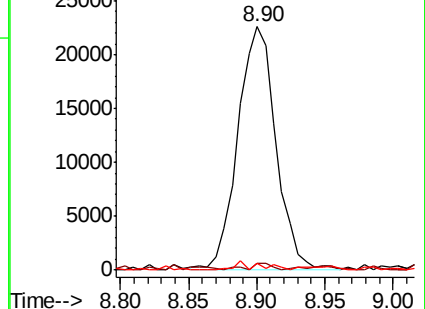
98 2.3 36.9 55.3#

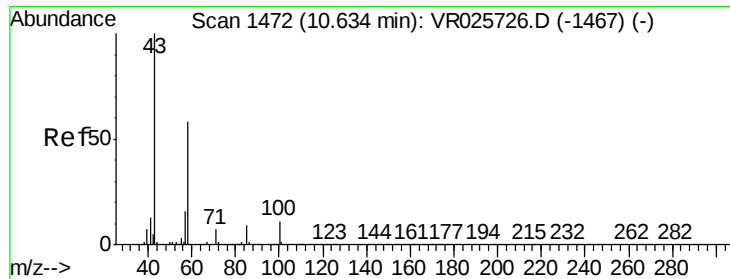


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

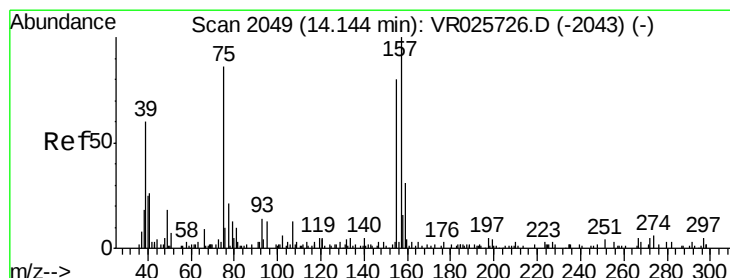
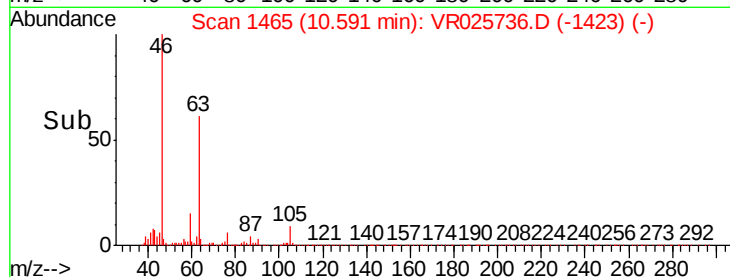
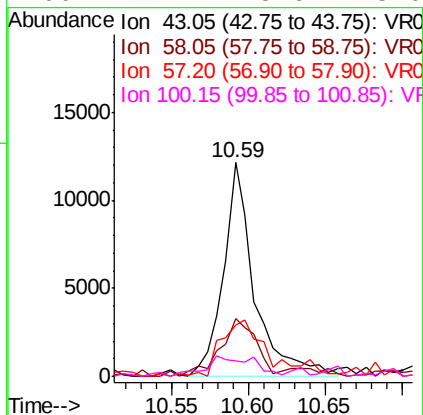
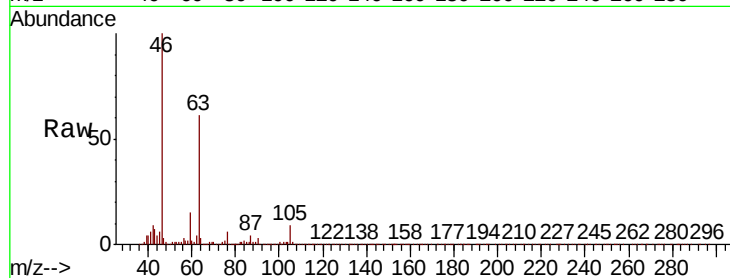




#48
2-Hexanone
Concen: 2.28 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
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ClientSampleId :

Tot Ion:	43	Resp:	17131
Ion	Ratio	Lower	Upper
43	100		
58	31.5	45.8	68.8#
57	40.6	14.2	21.2#
100	14.4	8.6	13.0#



#66
1,2-Dibromo-3-chloropropane
Concen: 0.26 ug/L
RT: 14.13 min Scan# 2046
Delta R.T. -0.02 min
Lab File: VR025736.D
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Tgt Ion:	75	Resp:	318
Ion	Ratio	Lower	Upper
75	100		
155	39.0	79.3	118.9#
157	0.0	81.4	122.2#

