

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR092418\
 Data File : VR025835.D
 Acq On : 25 Sep 2018 00:10
 Operator : SY/MD
 Sample : J5045-09MS
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ETO21MS

Quant Time: Sep 25 09:14:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 25 08:50:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	368253	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	297739	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	93904	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	129016	4.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.80%
7) Chloroethane-d5	2.62	69	108919	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.20%
11) 1,1-Dichloroethene-d2	3.62	63	321530	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.80%
20) 2-Butanone-d5	6.58	46	181443	51.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.24%
24) Chloroform-d	7.20	84	242592	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	7.89	65	115828	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	7.85	84	502089	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	8.90	67	145162	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	9.97	98	438540	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	10.24	79	24957	2.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	59.80%
46) 2-Hexanone-d5	10.59	63	134223	48.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.36%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	52942	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	69694	4.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.80%

Target Compounds

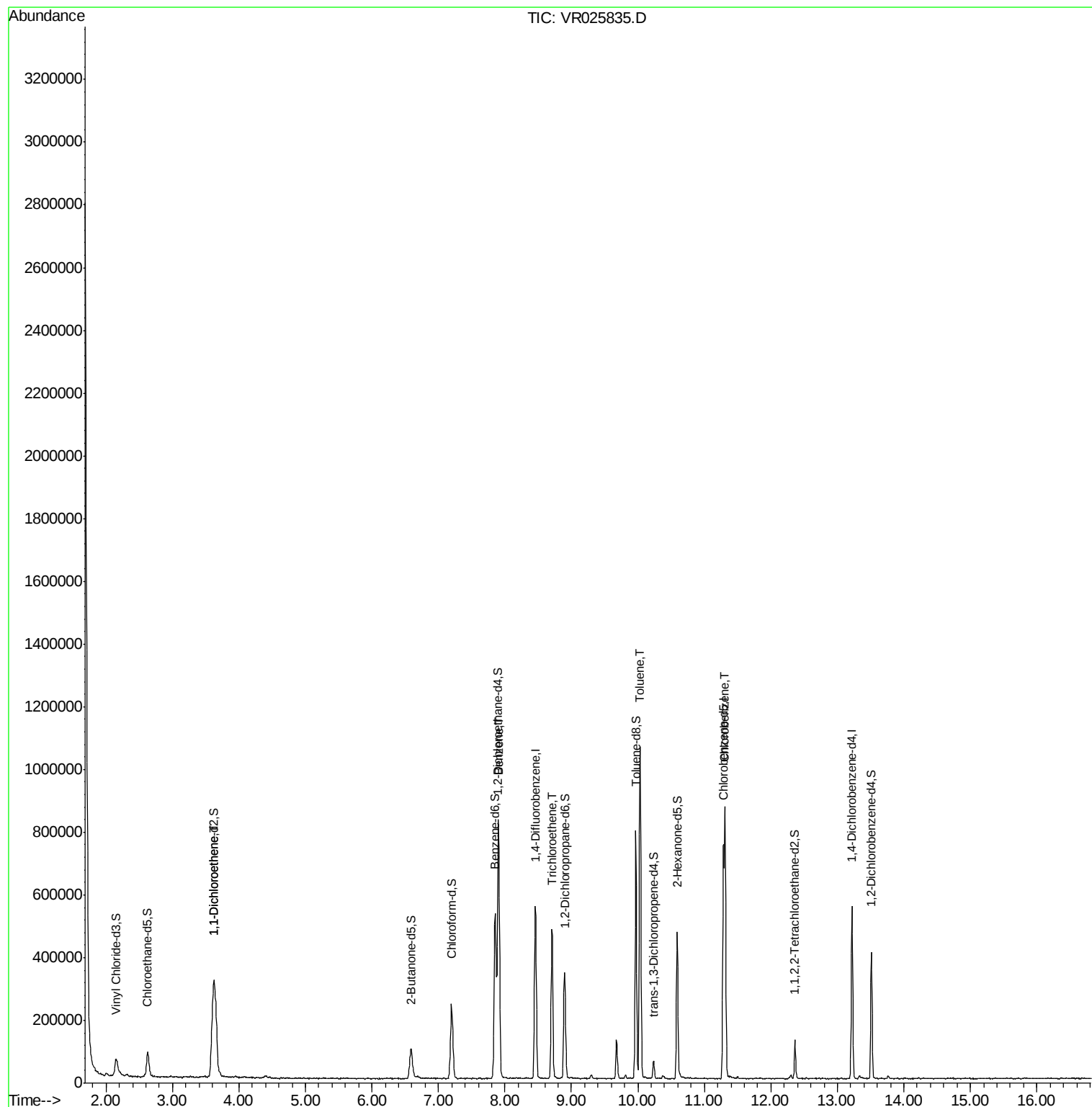
					Qvalue
12) 1,1-Dichloroethene	3.63	96	146911	4.625 ug/L	88
33) Benzene	7.90	78	647725	4.144 ug/L	100
34) Trichloroethene	8.71	95	161164	3.885 ug/L	98
42) Toluene	10.03	91	662558	4.159 ug/L	98
51) Chlorobenzene	11.32	112	328122	3.926 ug/L	100

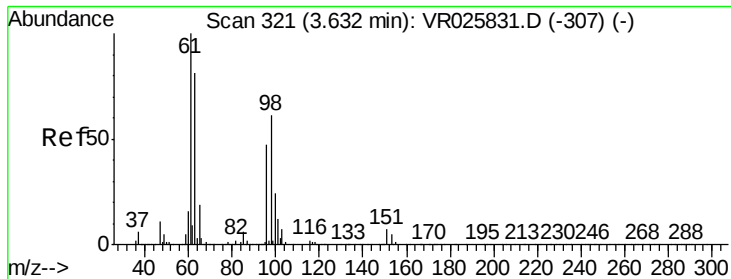
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 4.625 ug/L

RT: 3.63 min Scan# 320

Delta R.T. -0.00 min

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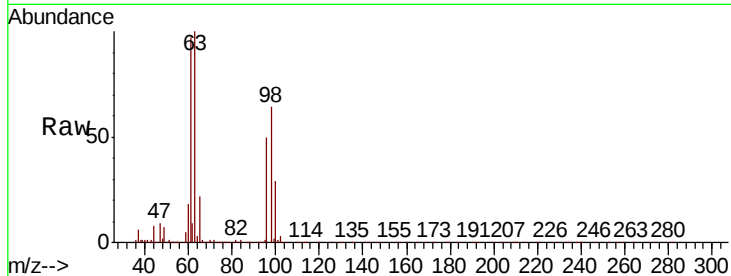
Tgt Ion: 96 Resp: 146911

Ion Ratio Lower Upper

96 100

61 193.9 145.0 269.4

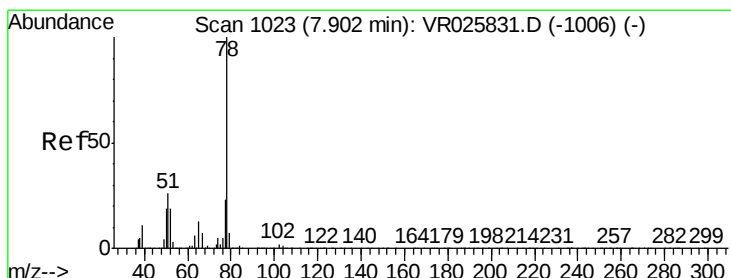
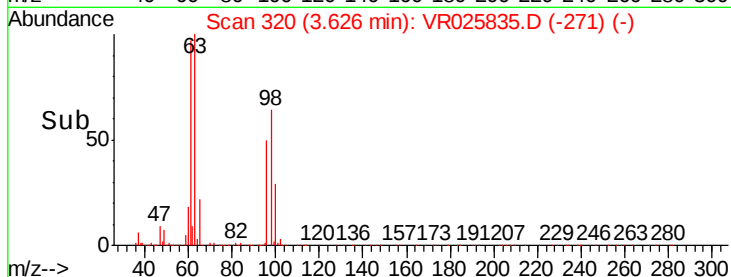
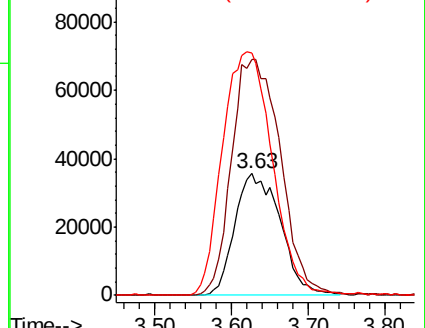
63 199.0 123.8 230.0



Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 63.00 (62.70 to 63.70): VR0



#33

Benzene

Concen: 4.144 ug/L

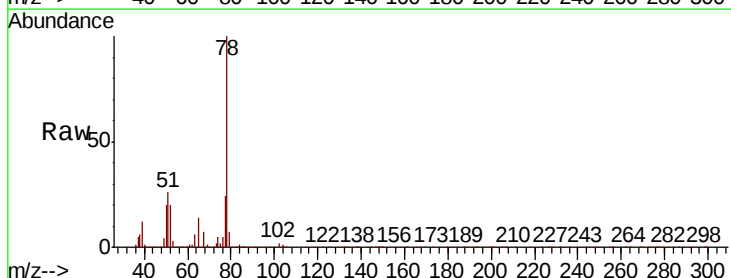
RT: 7.90 min Scan# 1023

Delta R.T. -0.01 min

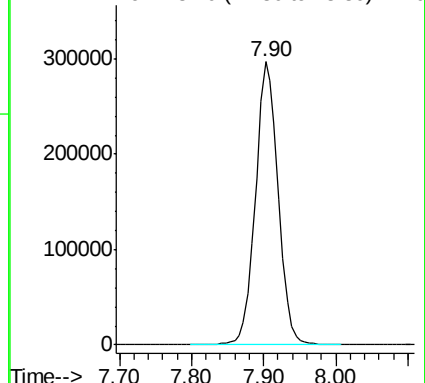
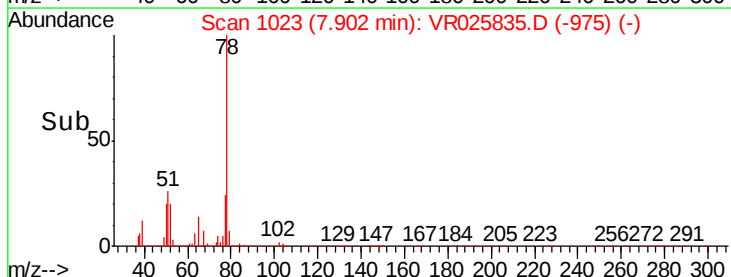
Lab File: VR025835.D

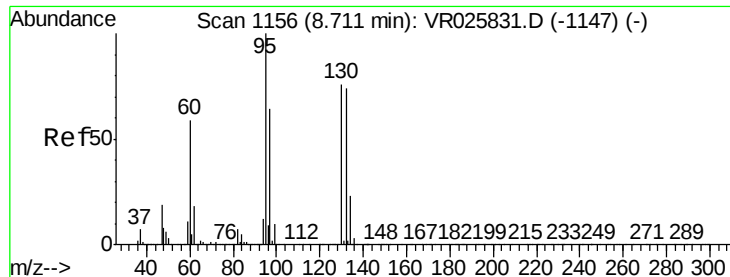
Acq: 25 Sep 2018 00:10

Tgt Ion: 78 Resp: 647725



Abundance Ion 78.10 (77.80 to 78.80): VR0





#34

Trichloroethene

Concen: 3.885 ug/L

RT: 8.71 min Scan# 1156

Delta R.T. 0.01 min

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Tgt Ion: 95 Resp: 161164

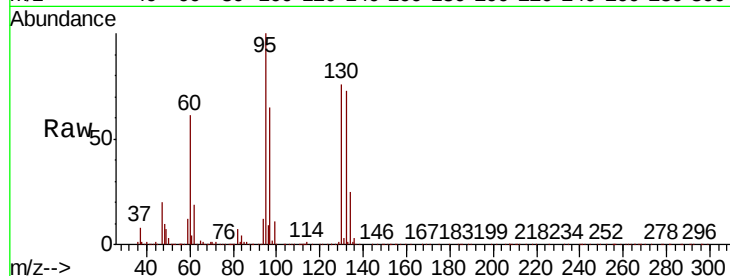
Ion Ratio Lower Upper

95 100

97 65.1 43.9 81.5

132 73.5 53.3 98.9

130 76.2 53.8 99.8

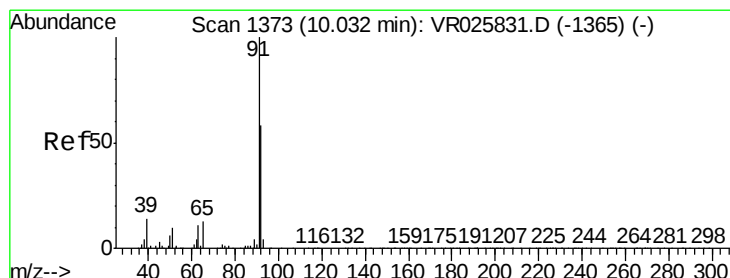
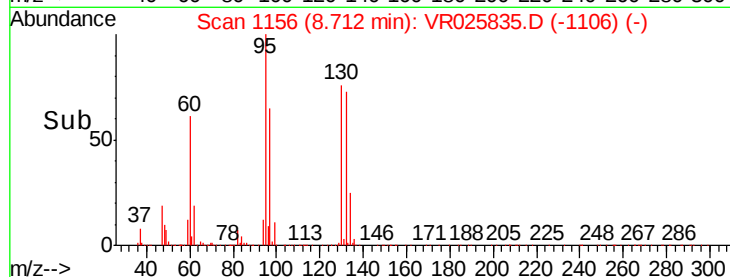
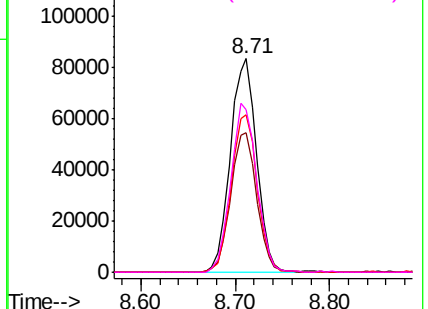


Abundance Ion 95.00 (94.70 to 95.70): VR0

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



#42

Toluene

Concen: 4.159 ug/L

RT: 10.03 min Scan# 1373

Delta R.T. -0.00 min

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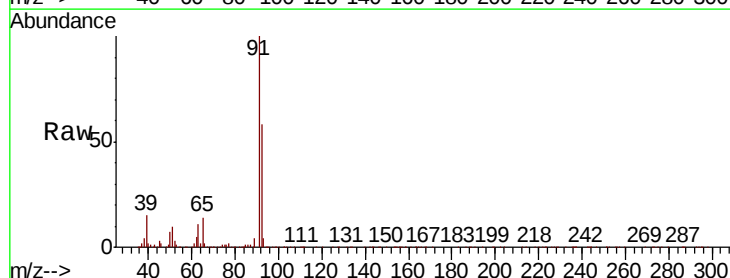
Acq: 25 Sep 2018 00:10

Tgt Ion: 91 Resp: 662558

Ion Ratio Lower Upper

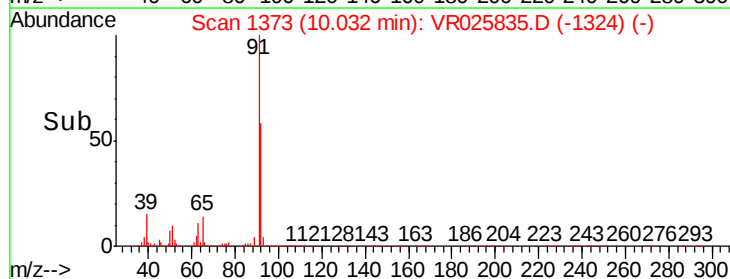
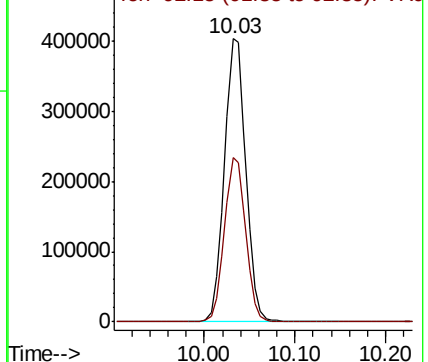
91 100

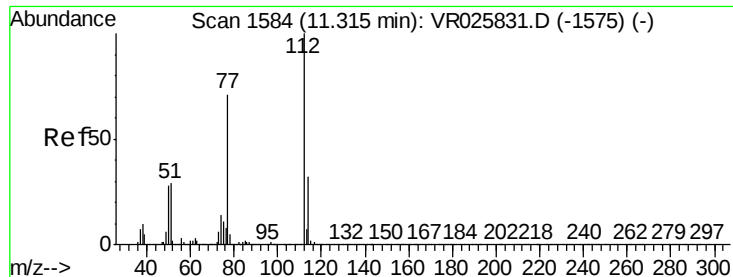
92 58.3 41.8 77.6



Abundance Ion 91.15 (90.85 to 91.85): VR0

Ion 92.15 (91.85 to 92.85): VR0





#51

Chlorobenzene

Concen: 3.926 ug/L

RT: 11.32 min Scan# 1584

Delta R.T. -0.00 min

Lab File: VR025835.D

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Instrument :

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ClientSampleId :

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Tgt Ion: 112 Resp: 328122

Ion Ratio Lower Upper

112 100

114 32.5 22.7 42.3

77 72.6 58.5 87.7

