

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR062118\
 Data File : VR025397.D
 Acq On : 21 Jun 2018 14:06
 Operator : SY/MD
 Sample : J3514-19DL 8X
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KH6DL

Quant Time: Jun 22 03:50:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 22 02:50:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	506026	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	433915	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	147826	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	65193	3.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.60%
7) Chloroethane-d5	2.64	69	59983	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	3.64	63	147521	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	6.60	46	314613	68.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	136.20%#
24) Chloroform-d	7.21	84	350557	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.00%
26) 1,2-Dichloroethane-d4	7.90	65	145094	5.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.80%
32) Benzene-d6	7.86	84	702538	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	8.90	67	226590	5.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.40%
41) Toluene-d8	9.97	98	599150	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	10.24	79	50413	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	10.59	63	262201	67.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	135.82%#
57) 1,1,2,2-Tetrachloroethane-	12.36	84	105388	6.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	129.60%#
64) 1,2-Dichlorobenzene-d4	13.51	152	151129	6.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.60%#

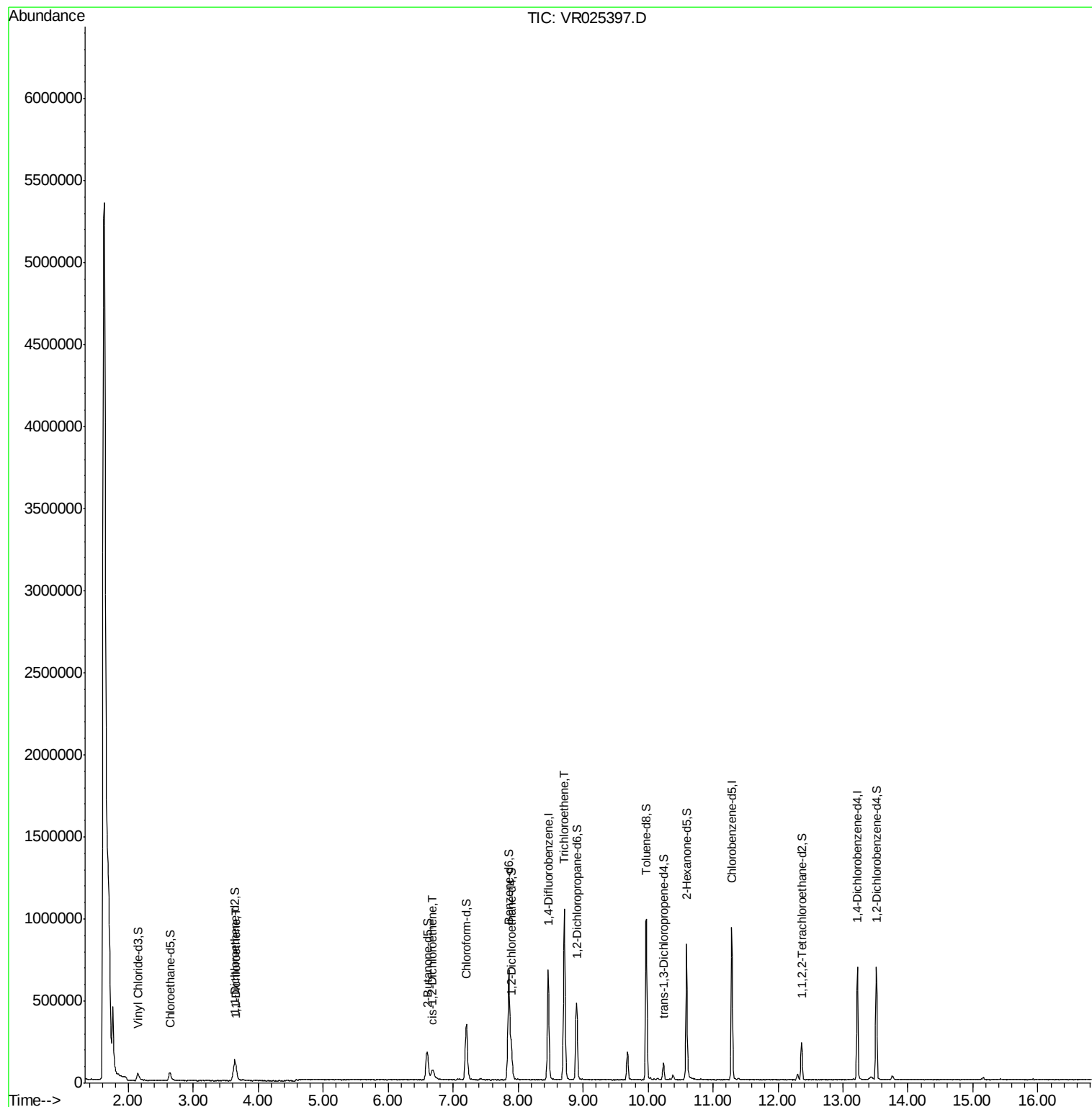
Target Compounds					Ovalue
12) 1,1-Dichloroethene	3.66	96	10851	0.61 ug/L	# 1
22) cis-1,2-Dichloroethene	6.68	96	27064	0.71 ug/L	# 95
34) Trichloroethene	8.71	95	369621	8.97 ug/L	97

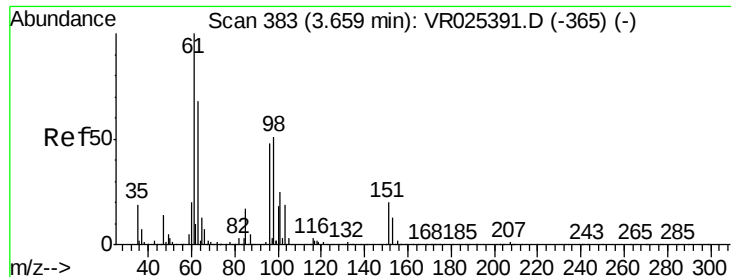
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.61 ug/L

RT: 3.66 min Scan# 383

Delta R.T. -0.00 min

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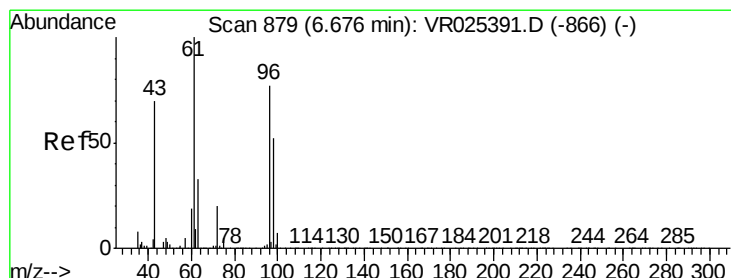
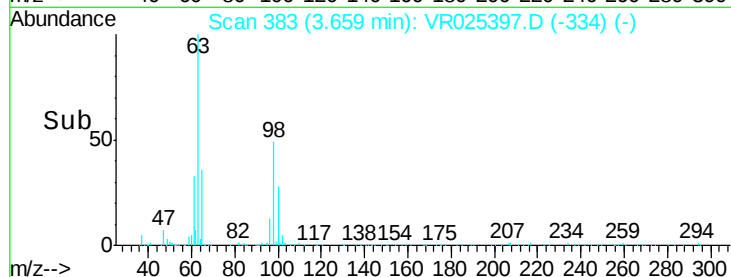
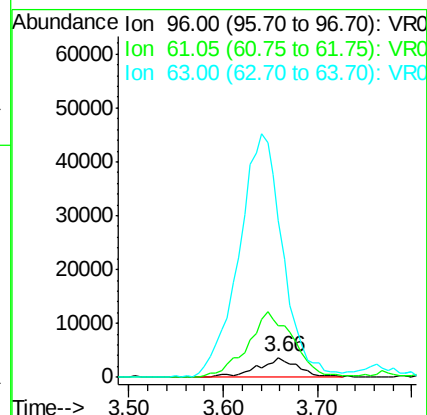
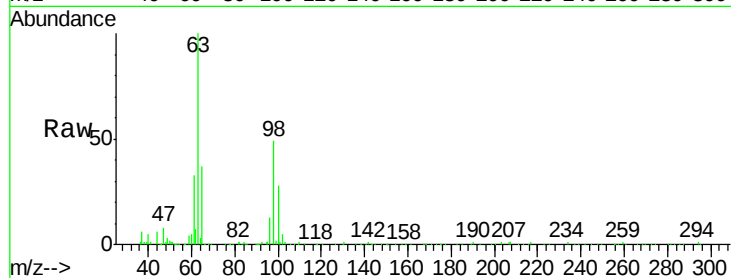
Tot Ion: 96 Resp: 10851

Ion Ratio Lower Upper

96 100

61 255.8 155.0 287.9

63 774.6 122.3 227.1#



#22

cis-1,2-Dichloroethene

Concen: 0.71 ug/L

RT: 6.68 min Scan# 879

Delta R.T. -0.00 min

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Acq: 21 Jun 2018 14:06

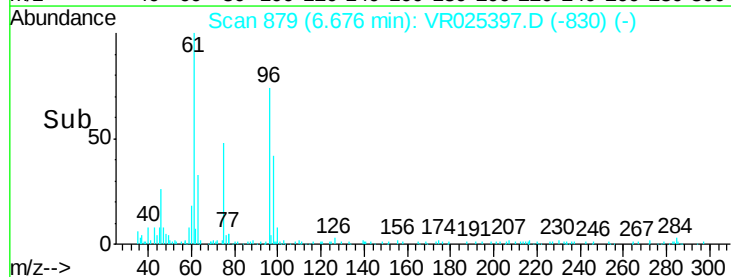
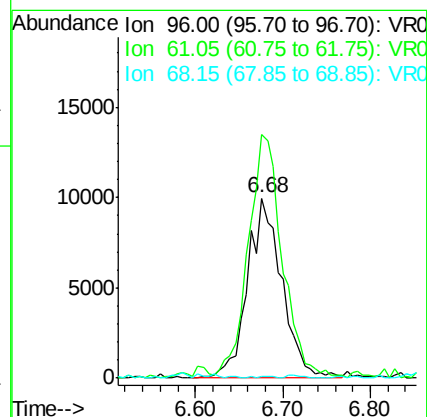
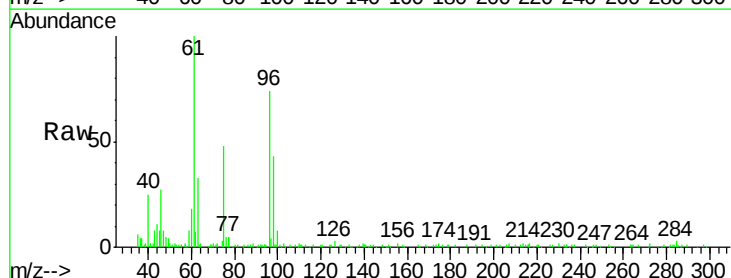
Tgt Ion: 96 Resp: 27064

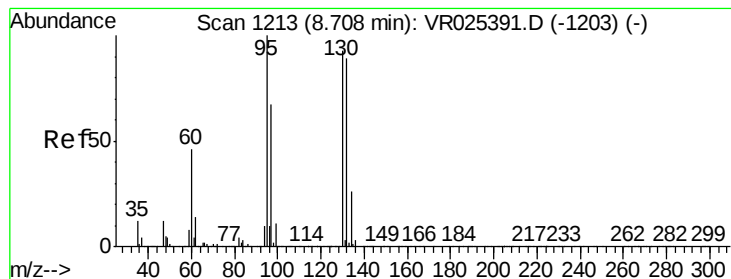
Ion Ratio Lower Upper

96 100

61 135.3 91.0 169.0

68 0.7 0.0 0.0#





#34

Trichloroethene

Concen: 8.97 ug/L

RT: 8.71 min Scan# 1213

Delta R.T. -0.00 min

Lab File: VR025397.D

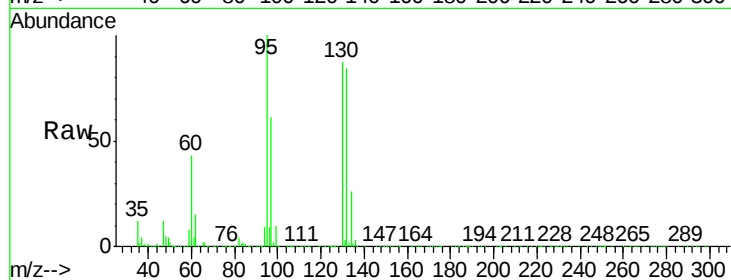
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Tot Ion: 95 Resp: 369621

Ion Ratio Lower Upper

95 100

97 60.6 45.6 84.6

132 84.1 60.9 113.1

130 87.3 62.0 115.2

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

