

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR061618\
 Data File : VR025342.D
 Acq On : 17 Jun 2018 2:49
 Operator : SY/MD
 Sample : J3513-02
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KD7

Quant Time: Jun 18 04:48:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 18 04:02:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	572098	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	480155	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	147576	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	71115	3.65	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.00%
7) Chloroethane-d5	2.64	69	60473	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.40%
11) 1,1-Dichloroethene-d2	3.63	63	141893	2.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.60%#
20) 2-Butanone-d5	6.59	46	273572	52.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.76%
24) Chloroform-d	7.20	84	293191	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.60%
26) 1,2-Dichloroethane-d4	7.89	65	119629	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
32) Benzene-d6	7.85	84	575416	3.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.60%
36) 1,2-Dichloropropane-d6	8.90	67	190311	4.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.20%
41) Toluene-d8	9.97	98	465624	3.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.60%#
43) trans-1,3-Dichloropropene-	10.24	79	30487	2.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	49.60%#
46) 2-Hexanone-d5	10.59	63	217494	50.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.82%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	90505	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	111170	4.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.80%

Target Compounds

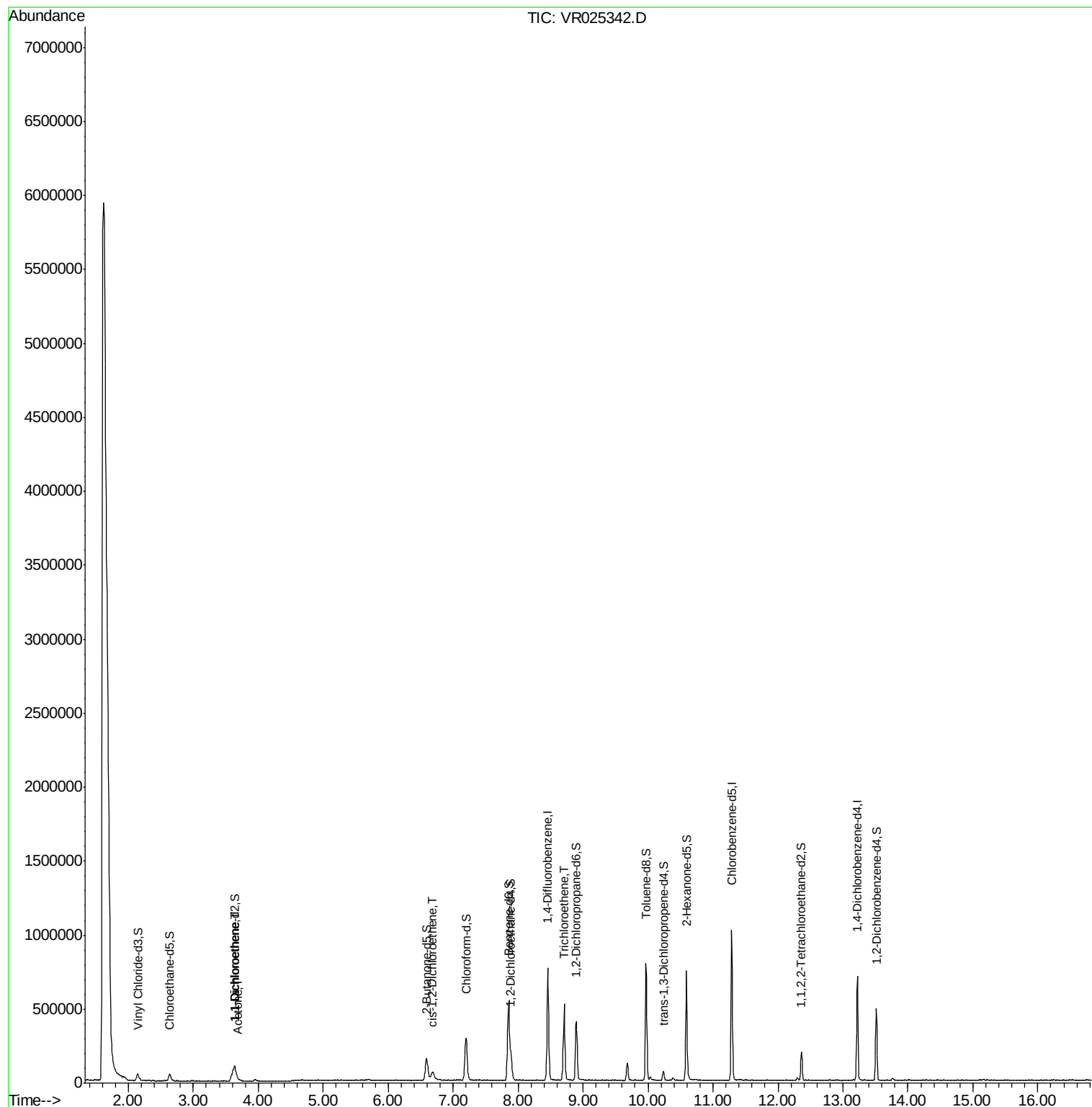
					Ovalue
12) 1,1-Dichloroethene	3.65	96	12027	0.598 ug/L #	1
13) Acetone	3.70	43	13171	5.583 ug/L	91
22) cis-1,2-Dichloroethene	6.68	96	10641	0.247 ug/L #	82
34) Trichloroethene	8.71	95	178328	3.910 ug/L	98

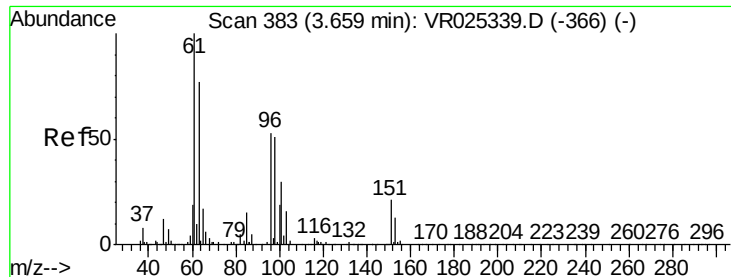
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.598 ug/L

RT: 3.65 min Scan# 381

Delta R.T. -0.01 min

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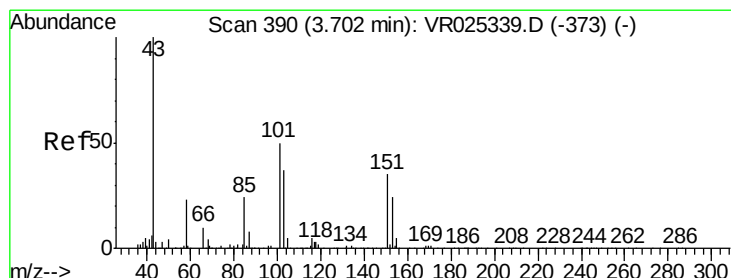
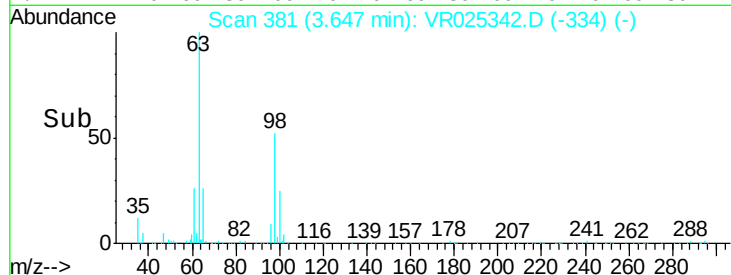
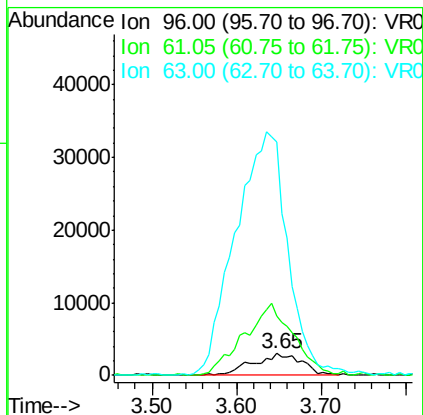
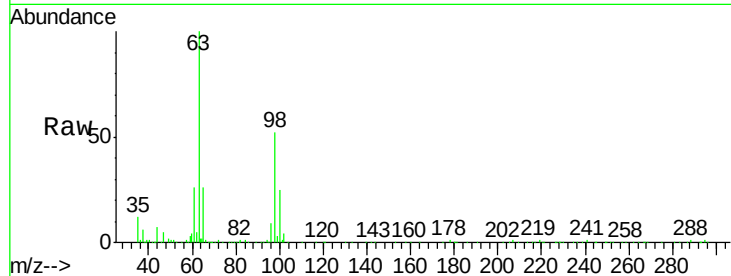
Tot Ion: 96 Resp: 12027

Ion Ratio Lower Upper

96 100

61 272.2 155.0 287.9

63 1067.3 122.3 227.1#



#13

Acetone

Concen: 5.583 ug/L

RT: 3.70 min Scan# 389

Delta R.T. -0.01 min

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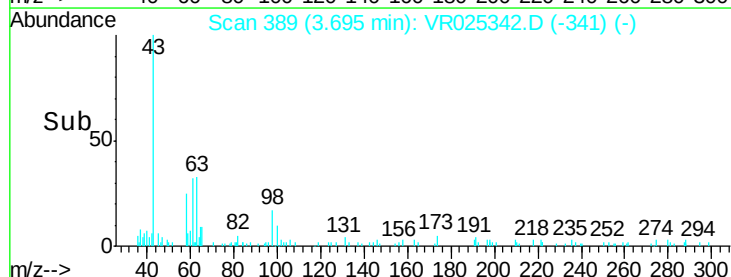
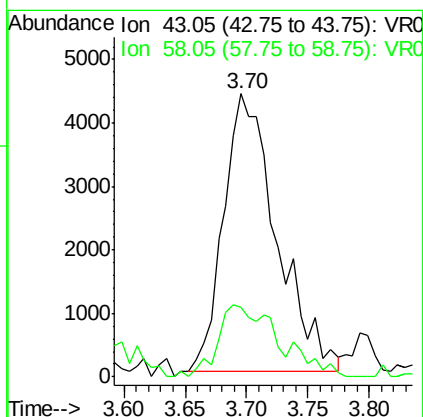
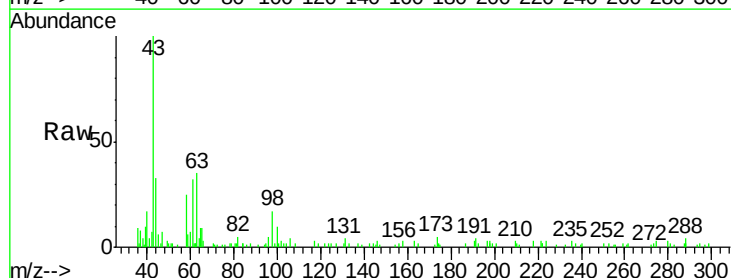
Acq: 17 Jun 2018 2:49

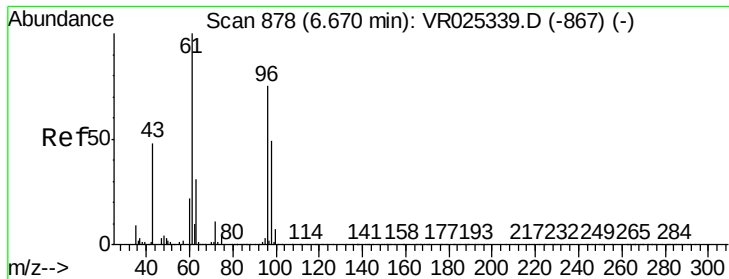
Tgt Ion: 43 Resp: 13171

Ion Ratio Lower Upper

43 100

58 25.1 0.0 41.6





#22

cis-1,2-Dichloroethene

Concen: 0.247 ug/L

RT: 6.68 min Scan# 879

Delta R.T. 0.01 min

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Instrument :

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ClientSampleId :

C0KD7

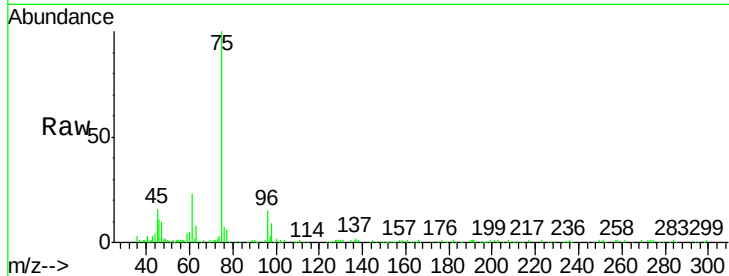
Tot Ion: 96 Resp: 10641

Ion Ratio Lower Upper

96 100

61 151.2 91.0 169.0

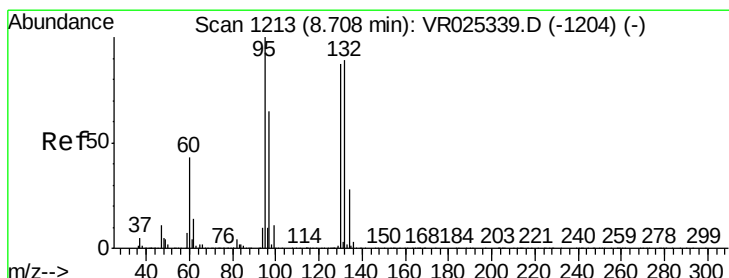
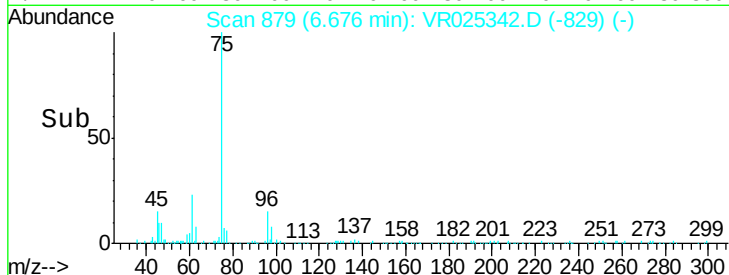
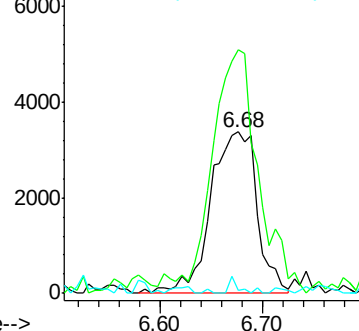
68 2.2 0.0 0.0#



Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 68.15 (67.85 to 68.85): VR0



#34

Trichloroethene

Concen: 3.910 ug/L

RT: 8.71 min Scan# 1213

Delta R.T. 0.00 min

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Tgt Ion: 95 Resp: 178328

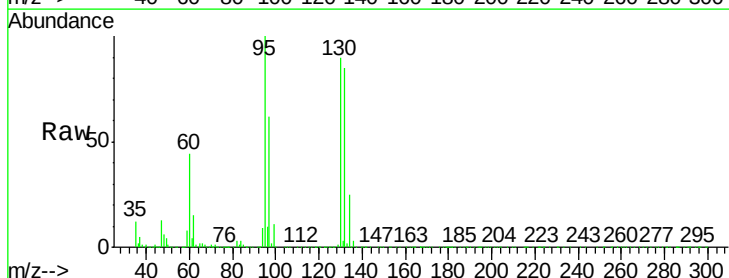
Ion Ratio Lower Upper

95 100

97 61.9 45.6 84.6

132 85.3 60.9 113.1

130 89.6 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

