

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR061618\
 Data File : VR025325.D
 Acq On : 16 Jun 2018 15:52
 Operator : SY/MD
 Sample : J3549-21
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWD3

Quant Time: Jun 18 02:45:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 18 02:40:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	602795	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	495191	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	153623	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	102577	4.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.80%
7) Chloroethane-d5	2.64	69	77149	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	3.63	63	188682	3.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.40%
20) 2-Butanone-d5	6.59	46	269074	48.89	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.78%
24) Chloroform-d	7.19	84	352666	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	7.89	65	141420	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	7.86	84	789928	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	8.90	67	231627	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	9.97	98	669704	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	10.24	79	40720	3.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.20%
46) 2-Hexanone-d5	10.59	63	214147	48.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.20%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	93296	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	136104	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

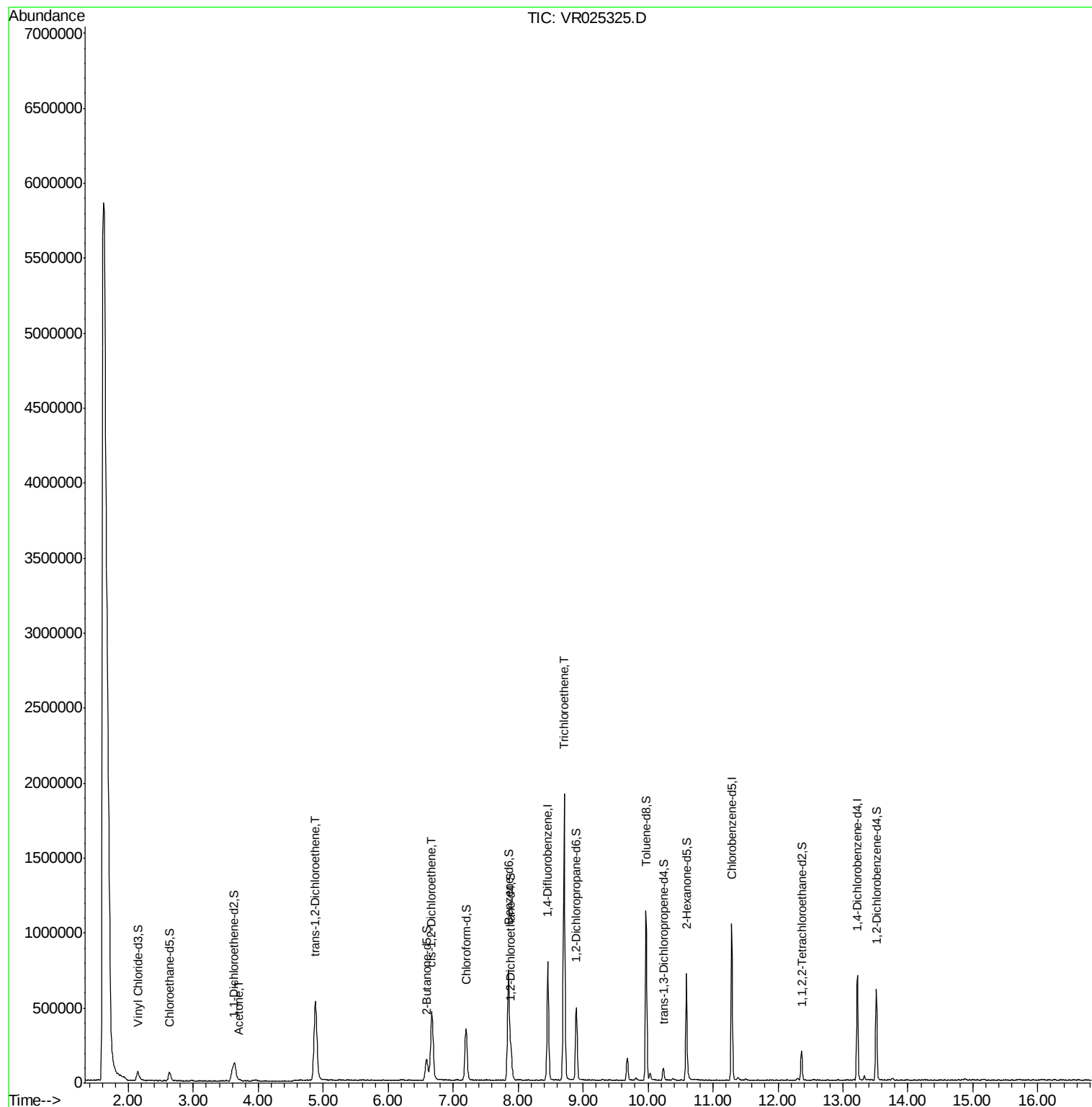
					Ovalue
13) Acetone	3.71	43	15968	6.424	ug/L 100
18) trans-1,2-Dichloroethene	4.88	96	350688	8.051	ug/L 97
22) cis-1,2-Dichloroethene	6.67	96	276344	6.079	ug/L 97
34) Trichloroethene	8.71	95	658170	13.992	ug/L 99

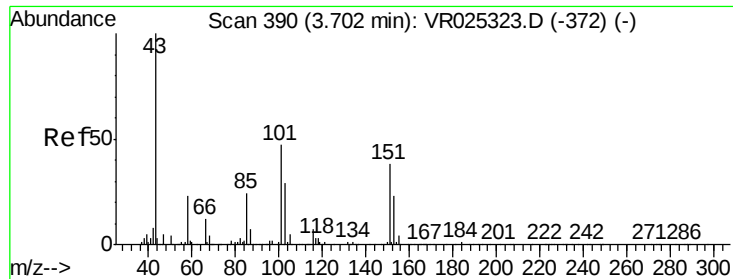
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.424 ug/L

RT: 3.71 min Scan# 391

Delta R.T. 0.01 min

Lab File: VR025325.D

Acq: 16 Jun 2018 15:52

Instrument :

MSVOA_R

ClientSampleId :

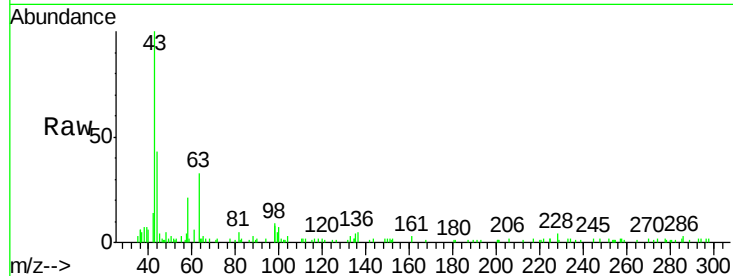
ESWD3

Tot Ion: 43 Resp: 15968

Ion Ratio Lower Upper

43 100

58 20.9 0.0 41.6

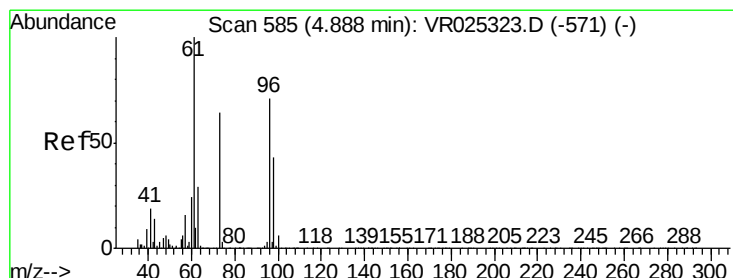
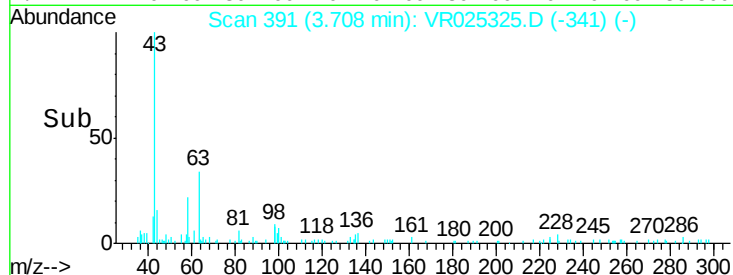


Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

3.71

Time-->



#18

trans-1,2-Dichloroethene

Concen: 8.051 ug/L

RT: 4.88 min Scan# 584

Delta R.T. -0.01 min

Lab File: VR025325.D

Acq: 16 Jun 2018 15:52

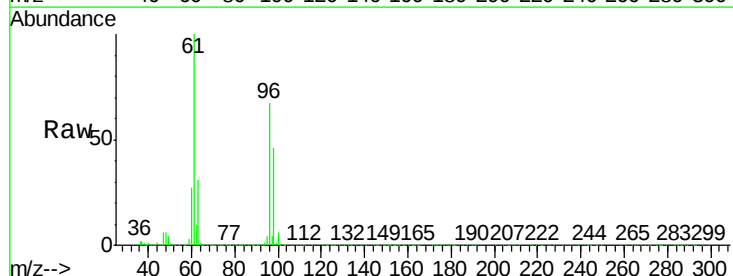
Tgt Ion: 96 Resp: 350688

Ion Ratio Lower Upper

96 100

61 148.3 104.4 193.8

98 68.2 43.1 80.1



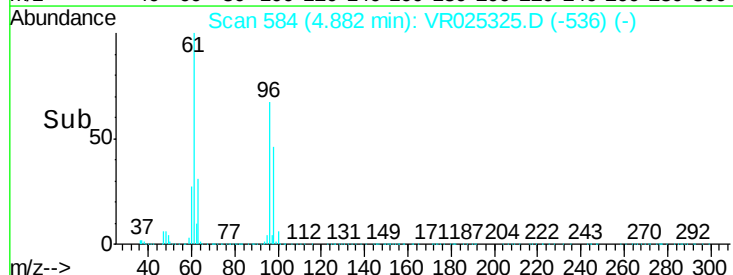
Abundance Ion 96.00 (95.70 to 96.70): VR0

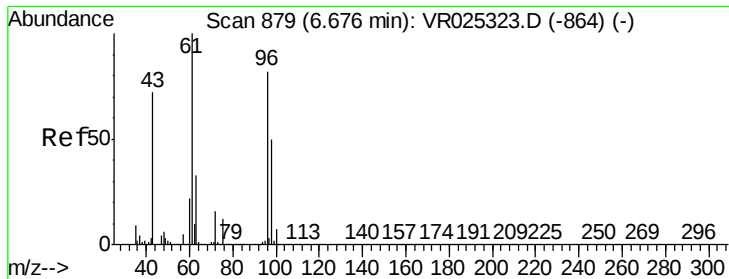
Ion 61.05 (60.75 to 61.75): VR0

Ion 97.95 (97.65 to 98.65): VR0

4.88

Time-->



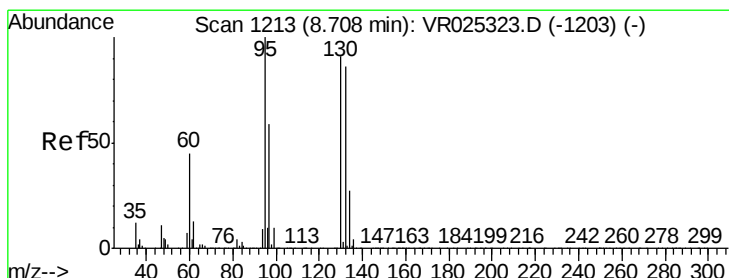
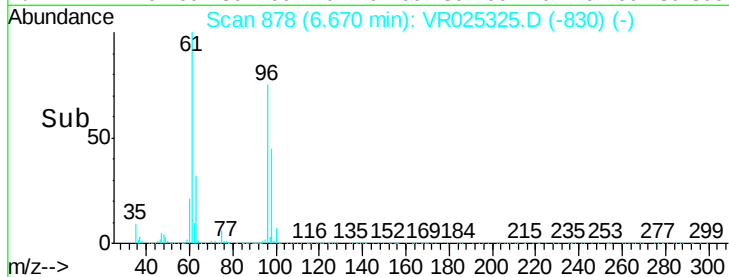
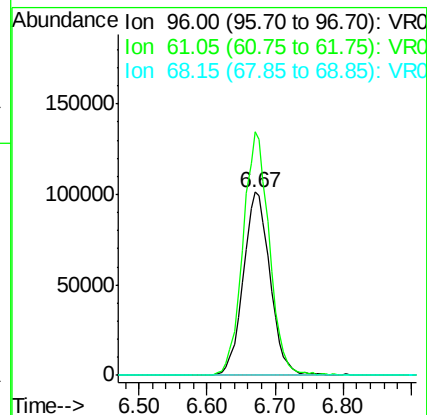
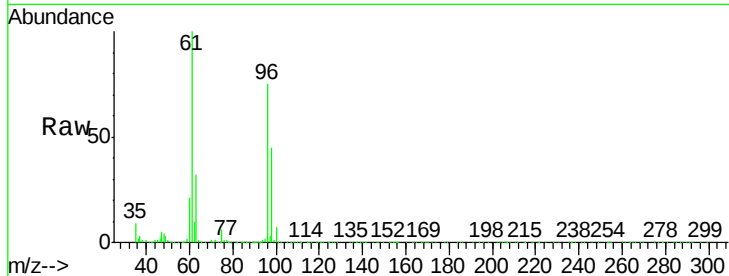


#22

cis-1,2-Dichloroethene
Concen: 6.079 ug/L
RT: 6.67 min Scan# 878
Delta R.T. -0.01 min
Lab File: VR025325.D
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Instrument :
MSVOA_R
ClientSampleId :
ESWD3

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.0	91.0	169.0
68	0.0	0.0	0.0



#34

Trichloroethene
Concen: 13.992 ug/L
RT: 8.71 min Scan# 1213
Delta R.T. 0.00 min
Lab File: VR025325.D
Acq: 16 Jun 2018 15:52

Tgt Ion	Ratio	Lower	Upper
95	100		
97	63.8	45.6	84.6
132	87.7	60.9	113.1
130	90.0	62.0	115.2

