

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR062518\
 Data File : VR025428.D
 Acq On : 25 Jun 2018 14:30
 Operator : SY/MD
 Sample : J3674-08DL 50X
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 DAZB8DL

Quant Time: Jun 26 01:57:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 22 22:38:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	545738	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	445510	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	151362	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	52628	2.83	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.60%
7) Chloroethane-d5	2.64	69	45227	3.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.20%
11) 1,1-Dichloroethene-d2	3.64	63	117612	2.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	49.20%#
20) 2-Butanone-d5	6.59	46	243397	48.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.70%
24) Chloroform-d	7.20	84	301336	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	7.89	65	120057	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
32) Benzene-d6	7.86	84	603564	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.80%
36) 1,2-Dichloropropane-d6	8.90	67	191068	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.00%
41) Toluene-d8	9.97	98	499498	3.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.80%
43) trans-1,3-Dichloropropene-	10.24	79	38412	3.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.20%
46) 2-Hexanone-d5	10.59	63	197213	49.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.50%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	85643	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	118357	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%

Target Compounds

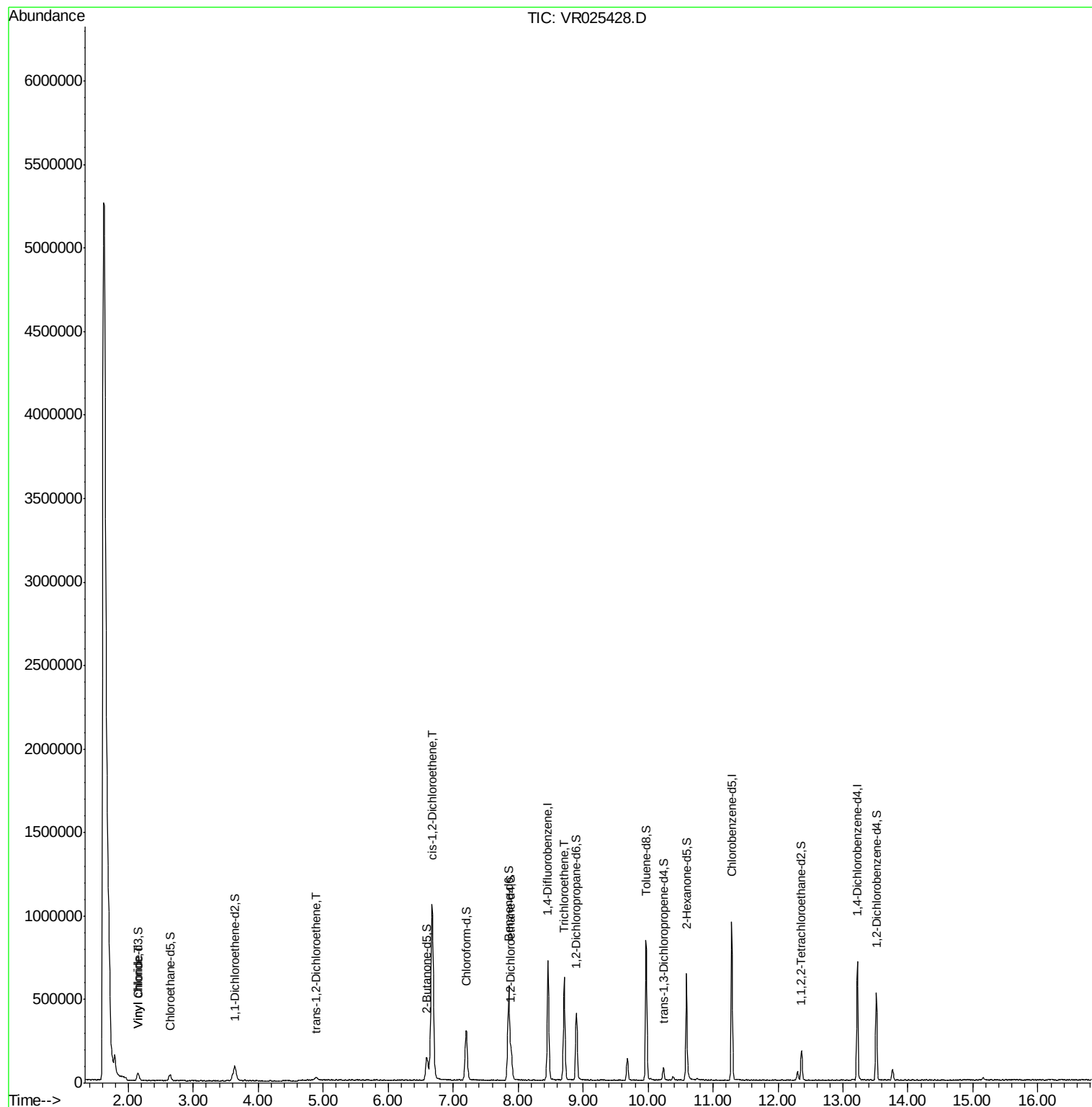
					Ovalue
5) Vinyl chloride	2.15	62	17426	0.77	ug/L 94
18) trans-1,2-Dichloroethene	4.89	96	10077	0.26	ug/L 93
22) cis-1,2-Dichloroethene	6.68	96	638403	15.51	ug/L 98
34) Trichloroethene	8.71	95	210454	4.97	ug/L 99

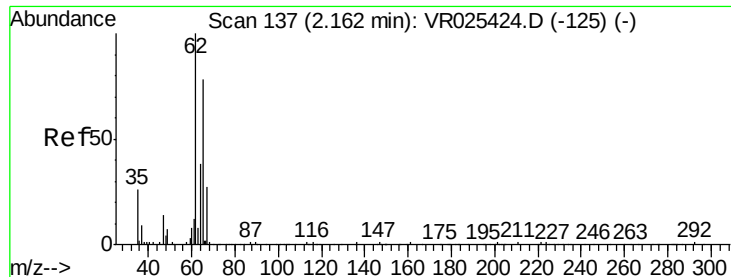
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.77 ug/L

RT: 2.15 min Scan# 135

Delta R.T. -0.01 min

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Acq: 25 Jun 2018 14:30

Instrument :

MSVOA_R

ClientSampleID :

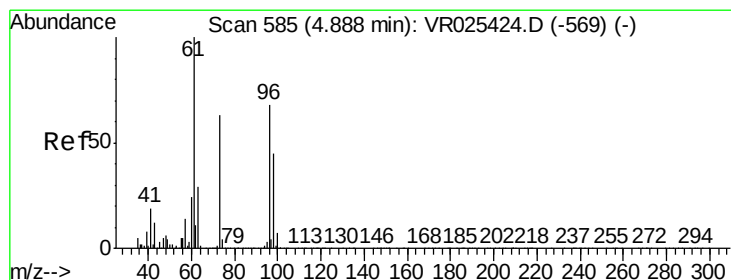
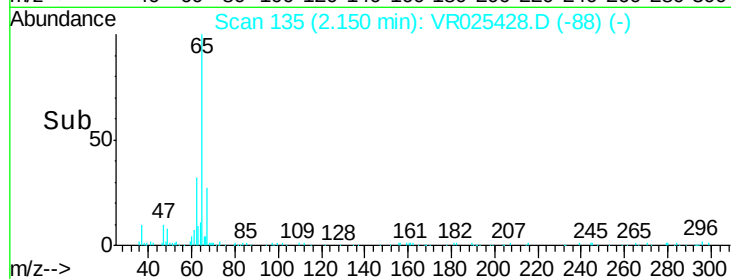
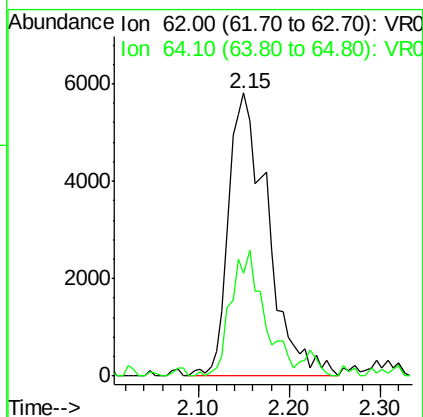
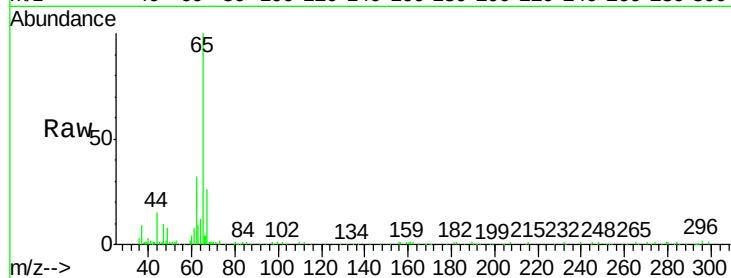
DAZB8DL

Tot Ion: 62 Resp: 17426

Ion Ratio Lower Upper

62 100

64 36.2 22.8 42.4



#18

trans-1,2-Dichloroethene

Concen: 0.26 ug/L

RT: 4.89 min Scan# 585

Delta R.T. 0.01 min

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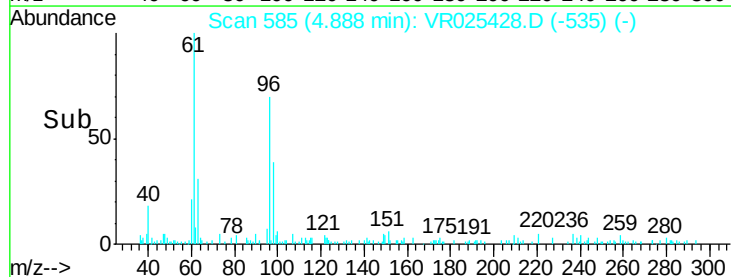
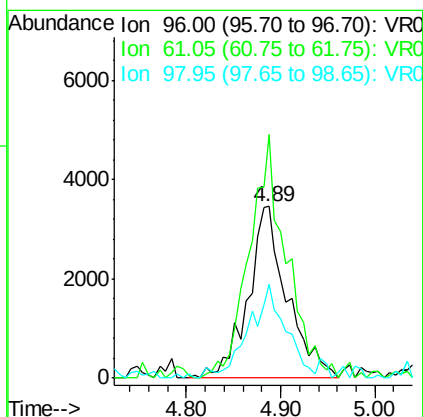
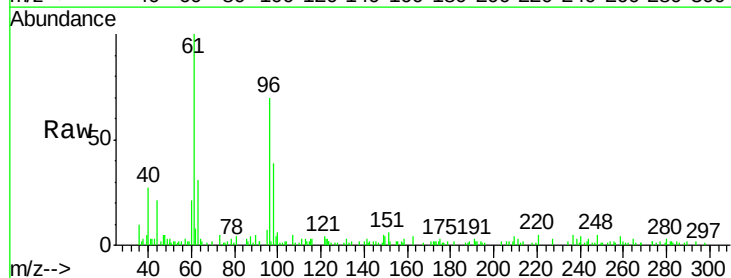
Tgt Ion: 96 Resp: 10077

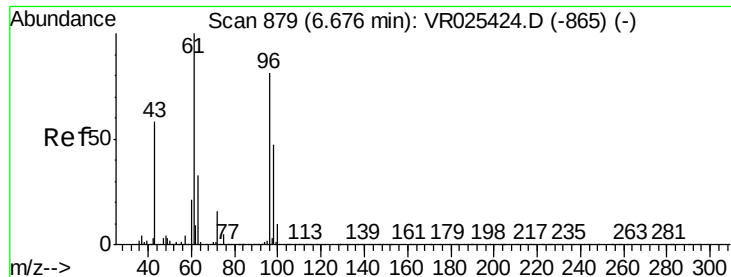
Ion Ratio Lower Upper

96 100

61 141.8 104.4 193.8

98 54.7 43.1 80.1



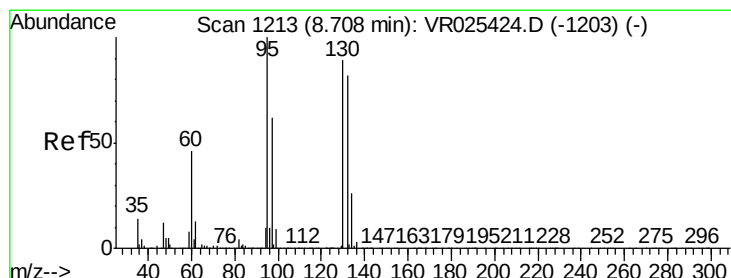
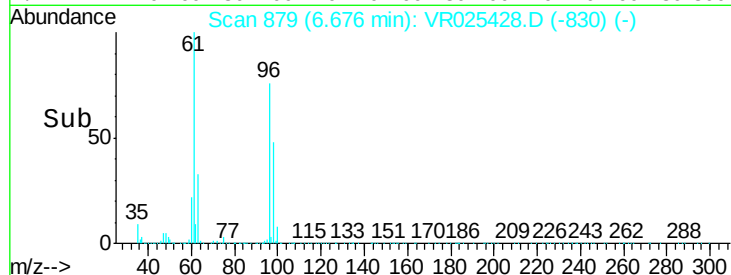
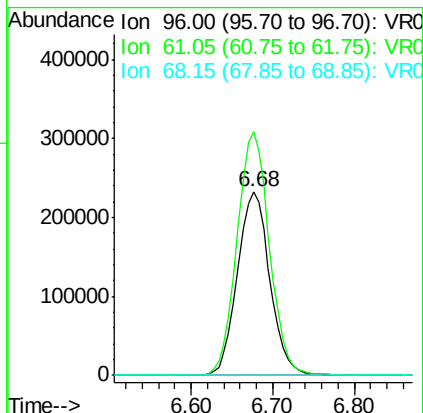
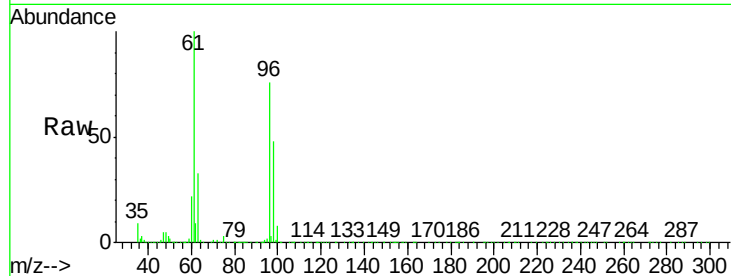


#22

cis-1,2-Dichloroethene
Concen: 15.51 ug/L
RT: 6.68 min Scan# 879
Delta R.T. 0.00 min
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DAZB8DL

Tot Ion	96	Resp	638403
Ion Ratio	Lower	Upper	
96	100		
61	132.3	91.0	169.0
68	0.0	0.0	0.0



#34

Trichloroethene
Concen: 4.97 ug/L
RT: 8.71 min Scan# 1213
Delta R.T. 0.00 min
Lab File: VR025428.D
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Tgt Ion	95	Resp	210454
Ion Ratio	Lower	Upper	
95	100		
97	64.8	45.6	84.6
132	84.4	60.9	113.1
130	89.4	62.0	115.2

