

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
 Data File : VW003408.D
 Acq On : 22 Jun 2018 00:57
 Operator : SY/AP
 Sample : J3619-16
 Misc : 4.94G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DAZ86

Quant Time: Jun 22 07:29:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 22 07:26:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	324578	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	313772	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	140751	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	98913	22.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.88%
7) Chloroethane-d5	2.89	69	83272	22.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.68%
10) 1,1-Dichloroethene-d2	4.01	63	145239	16.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.48%
20) 2-Butanone-d5	7.09	46	58664	42.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.58%
24) Chloroform-d	7.65	84	206484	24.18	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.72%
26) 1,2-Dichloroethane-d4	8.31	65	127153	25.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.24%
29) Benzene-d6	8.27	84	385877	23.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.72%
33) 1,2-Dichloropropane-d6	9.28	67	127924	24.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.08%
37) Toluene-d8	10.33	98	357863	22.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.92%
38) trans-1,3-Dichloropropene-	10.58	79	52280	21.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.52%
39) 2-Hexanone-d5	10.93	63	45554	42.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.58%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	106560	21.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	132068	24.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.36%

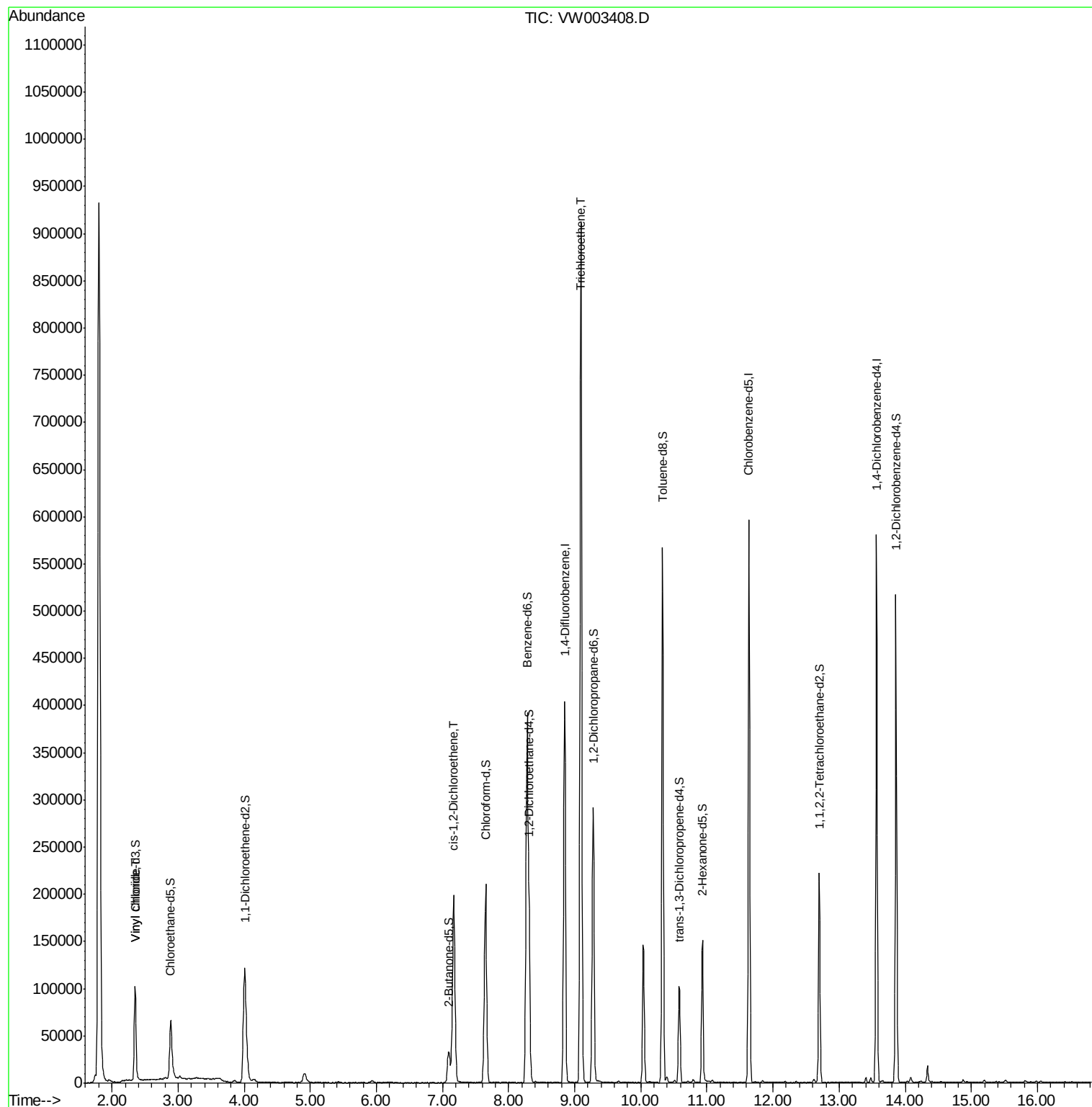
Target Compounds					Qvalue
5) Vinyl chloride	2.36	62	11122	2.007 ug/L	85
22) cis-1,2-Dichloroethene	7.17	96	114589	25.505 ug/L	94
35) Trichloroethene	9.09	95	312785	64.860 ug/L	99

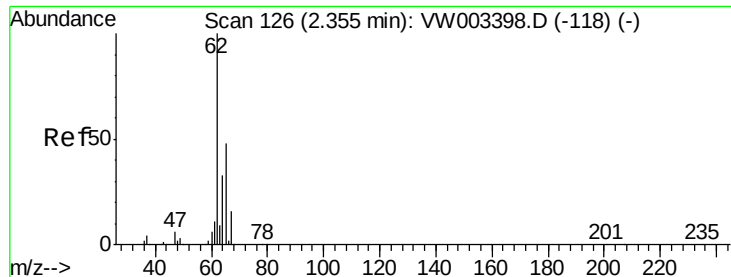
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 2.007 ug/L

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampled :

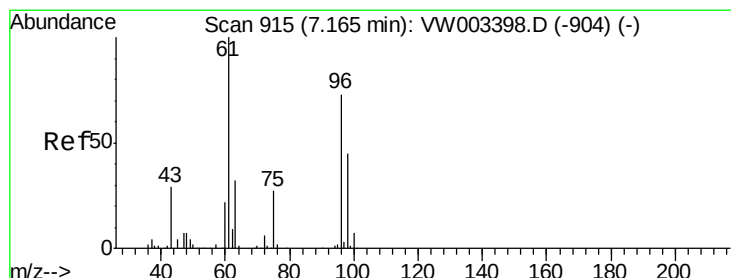
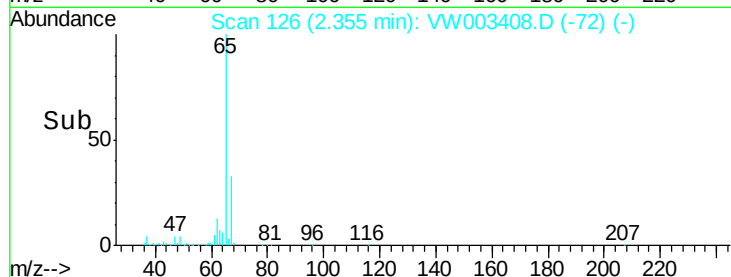
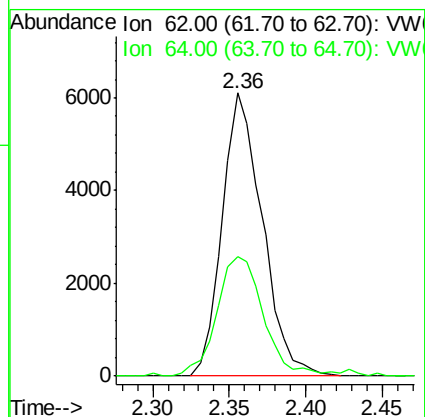
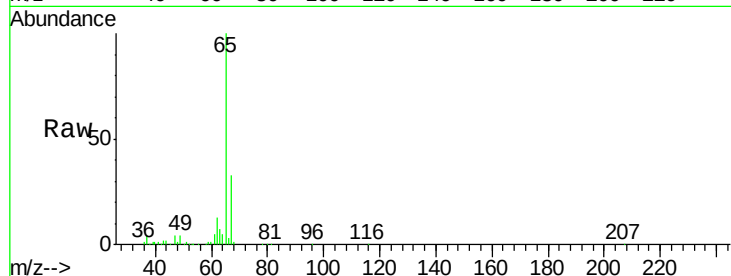
DAZ86

Tgt Ion: 62 Resp: 11122

Ion Ratio Lower Upper

62 100

64 42.1 23.5 43.7



#22

cis-1,2-Dichloroethene

Concen: 25.505 ug/L

RT: 7.17 min Scan# 916

Delta R.T. 0.01 min

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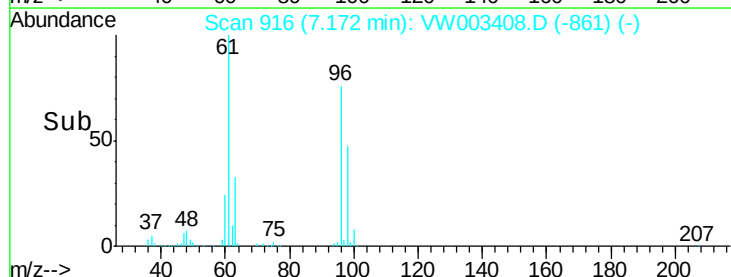
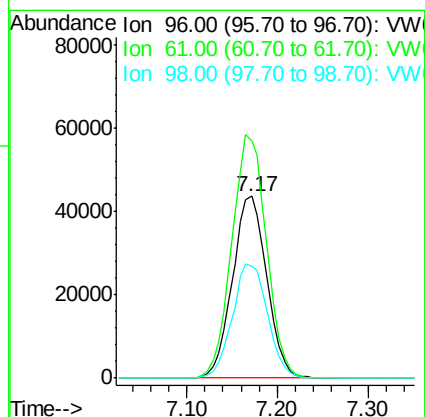
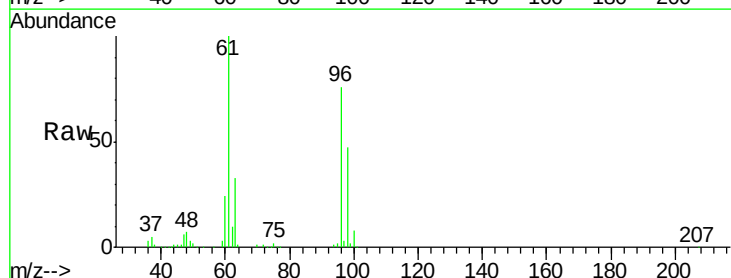
Tgt Ion: 96 Resp: 114589

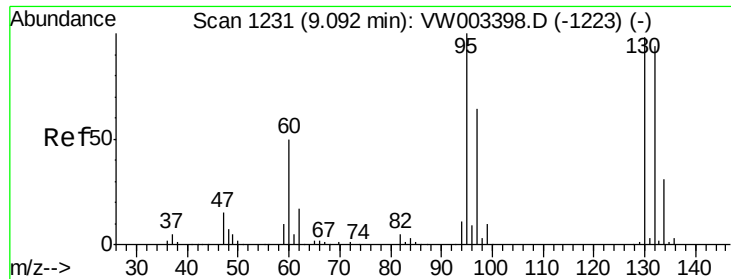
Ion Ratio Lower Upper

96 100

61 130.8 97.7 181.5

98 61.7 45.0 83.6

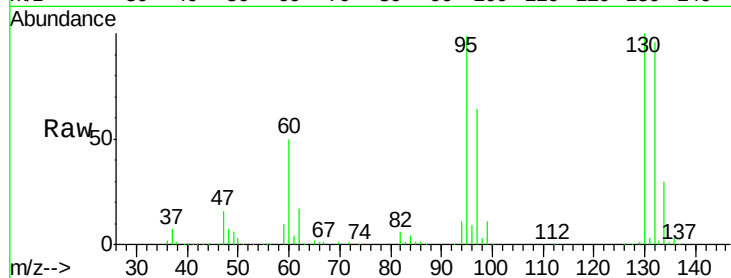




#35
 Trichloroethene
 Concen: 64.860 ug/L
 RT: 9.09 min Scan# 1231
 Delta R.T. 0.00 min
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Tgt Ion:	95	Resp:	312785
Ion	Ratio	Lower	Upper
95	100		
97	64.1	45.6	84.6
132	95.5	67.8	125.8
130	99.9	70.6	131.0



Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

