

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080418\
 Data File : VV006892.D
 Acq On : 04 Aug 2018 19:39
 Operator : SY/MD
 Sample : J4227-03DL 20X
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESWQ3DL

Quant Time: Aug 06 04:20:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080218WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 06 03:23:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	276847	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	271508	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	103075	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	98283	5.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.40%
7) Chloroethane-d5	1.58	69	92710	5.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.20%
11) 1,1-Dichloroethene-d2	2.13	63	145836	4.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.00%
20) 2-Butanone-d5	3.98	46	284839	61.25	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.50%
24) Chloroform-d	4.41	84	187070	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.60%
26) 1,2-Dichloroethane-d4	5.09	65	98283	5.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.20%
32) Benzene-d6	5.10	84	351225	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.12	67	121050	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.37	98	263504	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
43) trans-1,3-Dichloropropene-	7.67	79	37675	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.15	63	164824	43.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.50%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	99650	5.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	92865	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

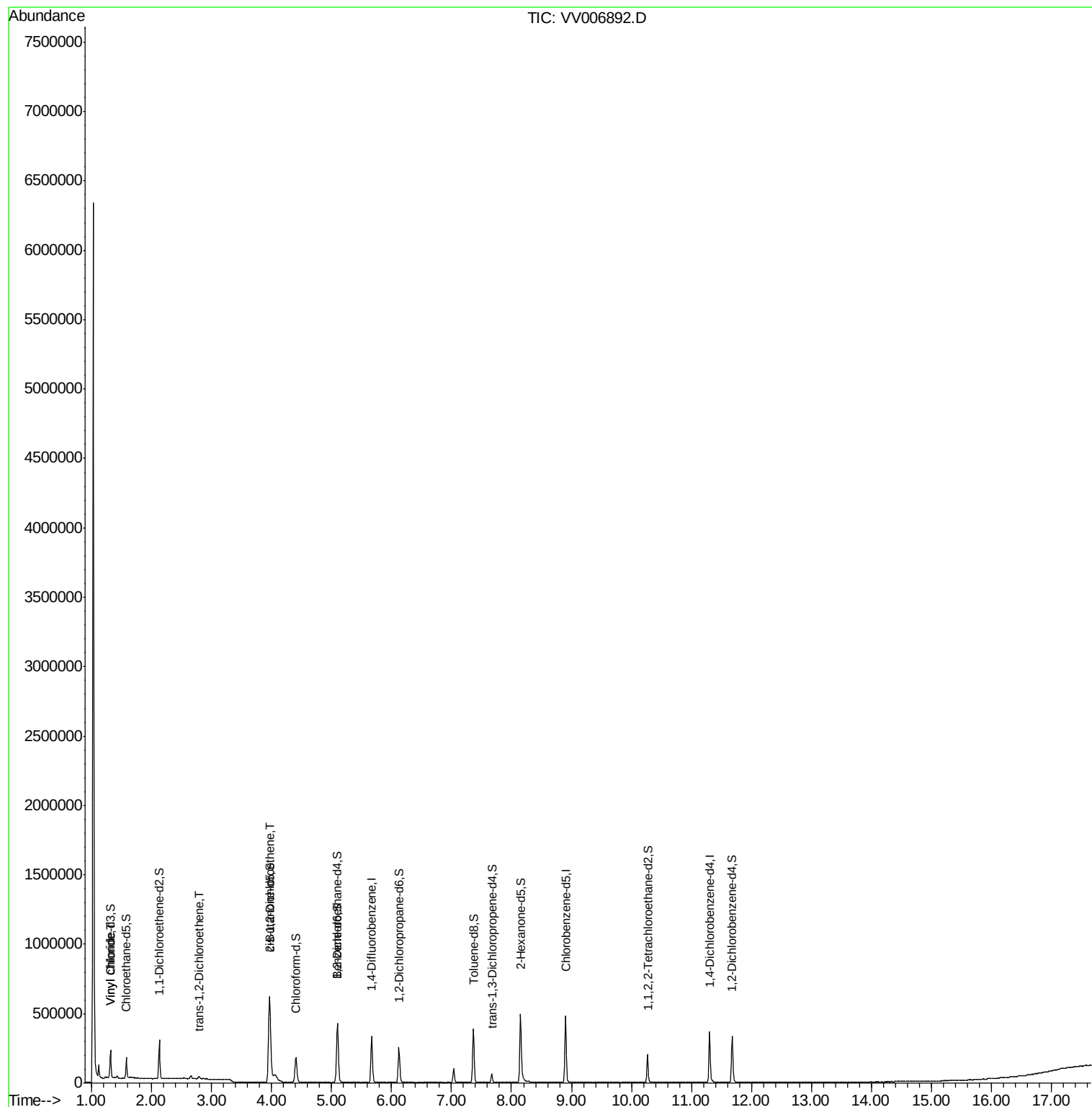
Target Compounds					Ovalue
5) Vinyl chloride	1.32	62	22163	0.89 ug/L	93
18) trans-1,2-Dichloroethene	2.79	96	7750	0.40 ug/L	94
22) cis-1,2-Dichloroethene	3.96	96	282217	13.64 ug/L	97

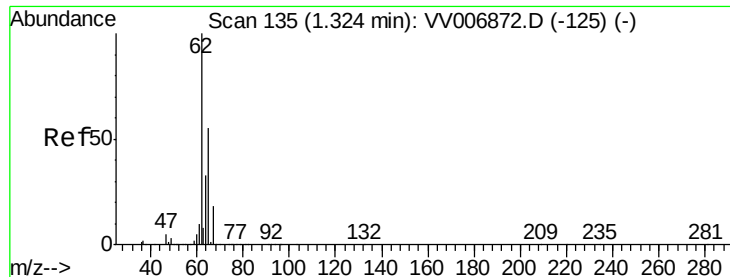
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.89 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.00 min

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Acq: 04 Aug 2018 19:39

Instrument :

MSVOA_V

ClientSampleId :

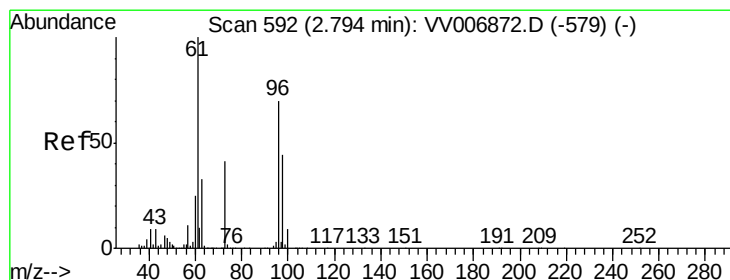
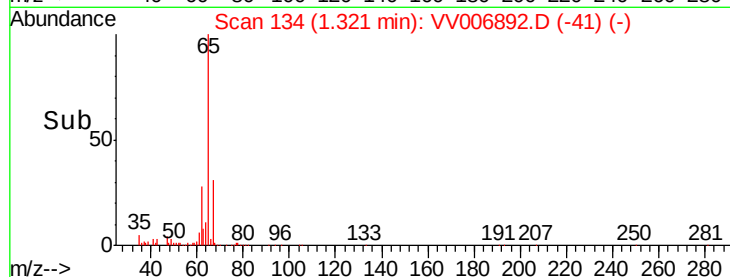
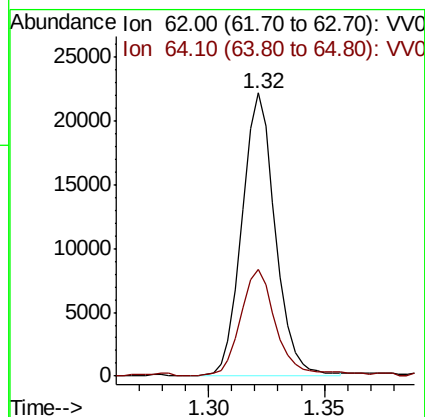
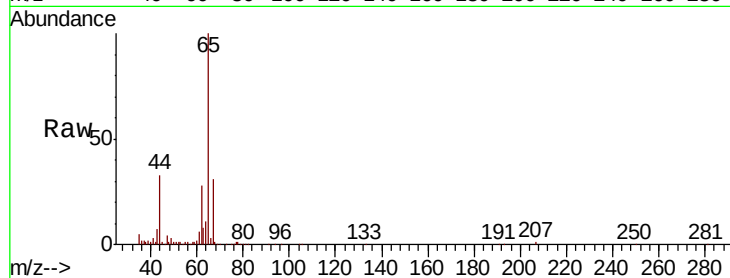
ESWQ3DL

Tot Ion: 62 Resp: 22163

Ion Ratio Lower Upper

62 100

64 37.5 23.7 43.9



#18

trans-1,2-Dichloroethene

Concen: 0.40 ug/L

RT: 2.79 min Scan# 591

Delta R.T. -0.00 min

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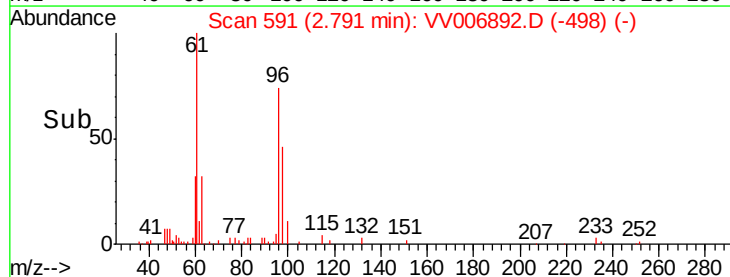
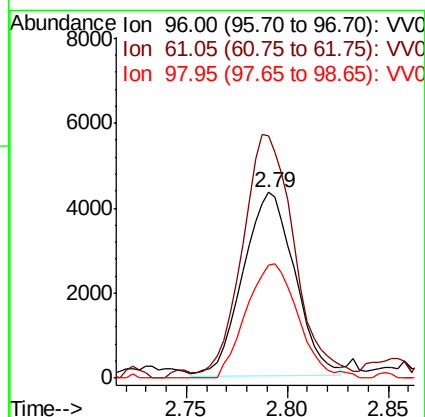
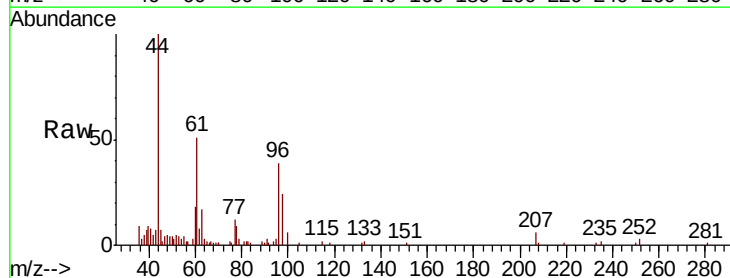
Tgt Ion: 96 Resp: 7750

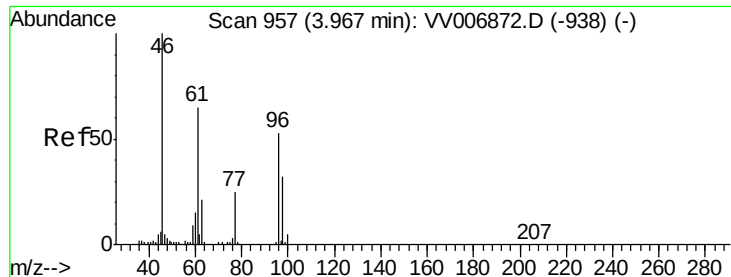
Ion Ratio Lower Upper

96 100

61 130.6 99.0 183.8

98 60.7 42.8 79.4





#22

cis-1,2-Dichloroethene

Concen: 13.64 ug/L

RT: 3.96 min Scan# 956

Delta R.T. -0.00 min

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Instrument :

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ClientSampleId :

ESWQ3DL

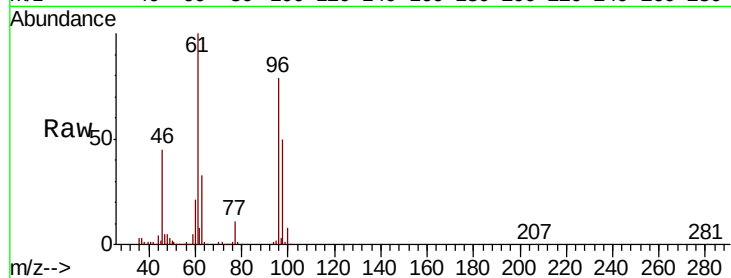
Tot Ion: 96 Resp: 282217

Ion Ratio Lower Upper

96 100

61 127.0 86.6 160.8

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

