

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072018\
 Data File : VV006659.D
 Acq On : 20 Jul 2018 11:28
 Operator : SY/MD
 Sample : J3983-08DL 40X
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB174DL

Quant Time: Jul 26 02:14:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 26 02:08:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	241896	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	220933	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	94370	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88372	5.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.20%
7) Chloroethane-d5	1.58	69	65508	5.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.40%
11) 1,1-Dichloroethene-d2	2.13	63	123948	3.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.00%
20) 2-Butanone-d5	3.95	46	98181	26.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	53.26%
24) Chloroform-d	4.40	84	146761	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.09	65	71122	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	5.10	84	321639	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
36) 1,2-Dichloropropane-d6	6.12	67	99005	5.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.40%
41) Toluene-d8	7.36	98	280526	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
43) trans-1,3-Dichloropropene-	7.67	79	26664	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.14	63	141272	44.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.76%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	65613	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	94309	5.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.00%

Target Compounds

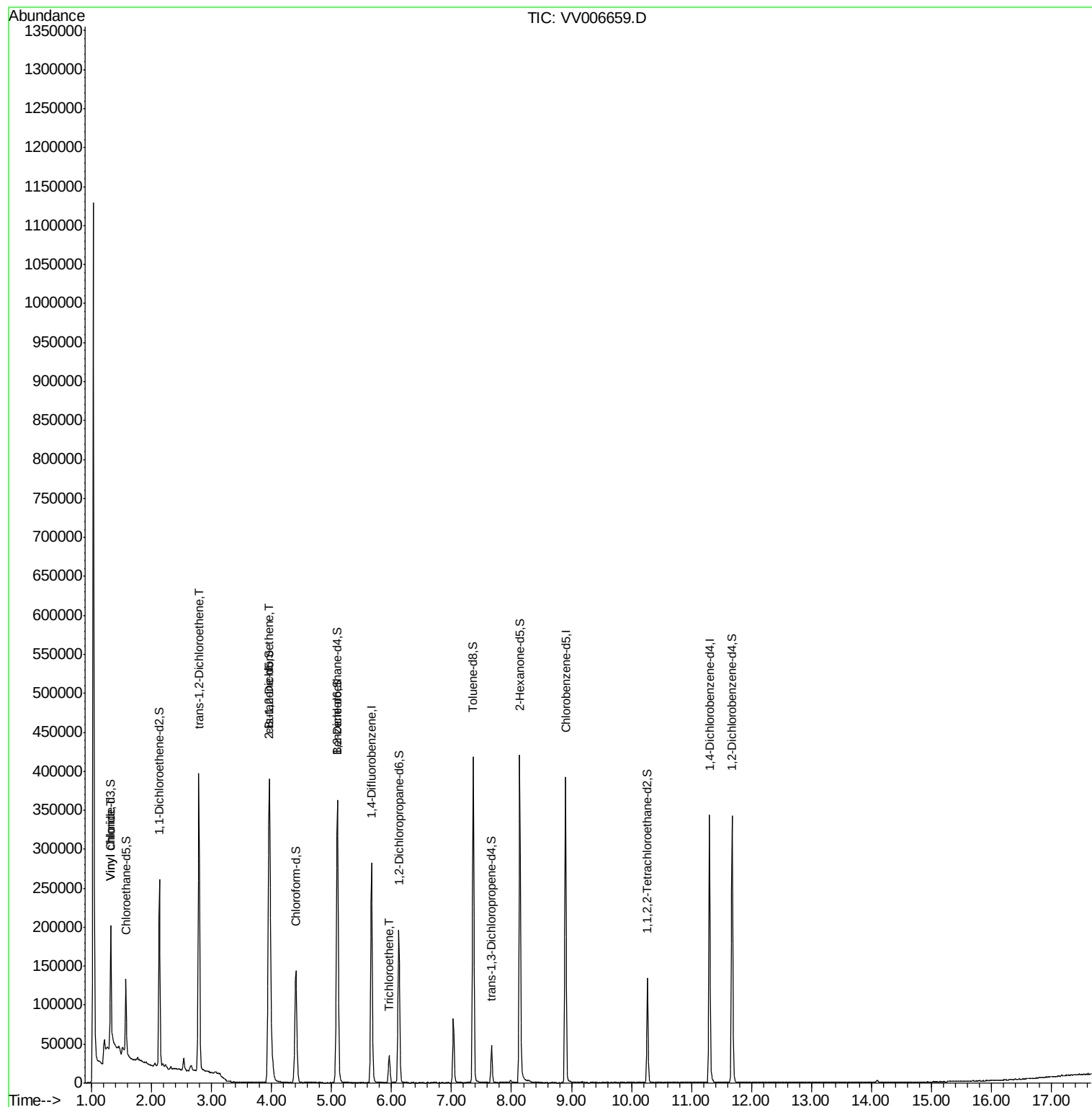
					Ovalue
5) Vinyl chloride	1.32	62	30425	1.21	ug/L # 1
18) trans-1,2-Dichloroethene	2.79	96	141634	7.18	ug/L 99
22) cis-1,2-Dichloroethene	3.96	96	182506	8.83	ug/L 99
34) Trichloroethene	5.96	95	12094	0.62	ug/L 97

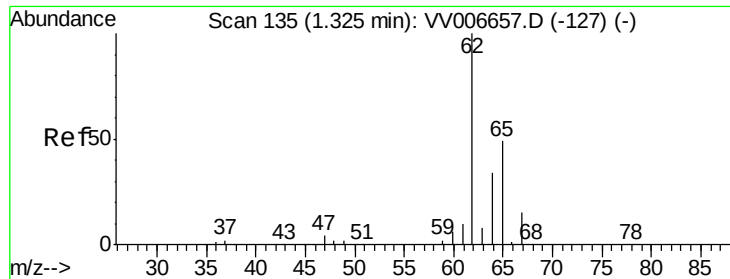
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.21 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV006659.D

Acq: 20 Jul 2018 11:28

Instrument :

MSVOA_V

ClientSampled :

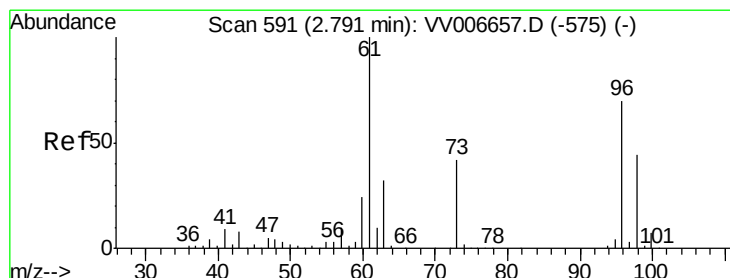
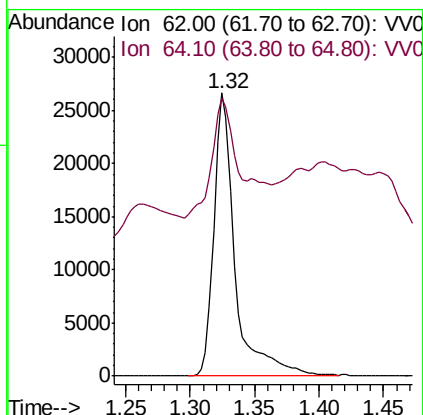
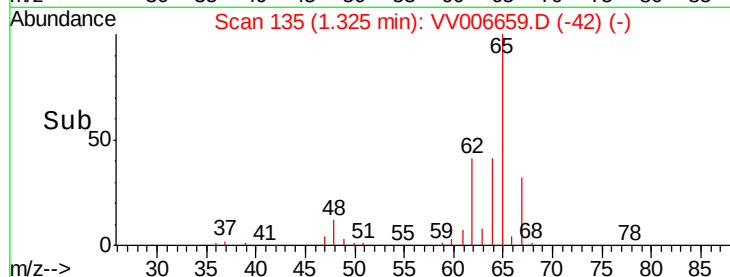
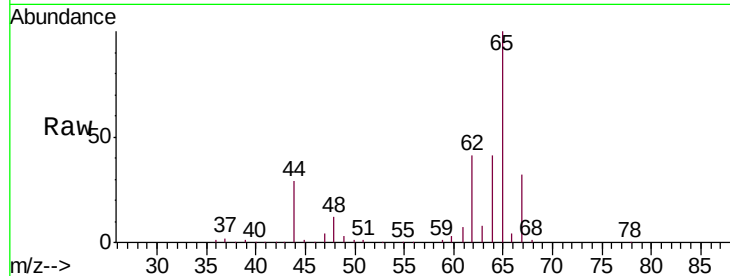
DB174DL

Tot Ion: 62 Resp: 30425

Ion Ratio Lower Upper

62 100

64 98.3 23.7 44.1#



#18

trans-1,2-Dichloroethene

Concen: 7.18 ug/L

RT: 2.79 min Scan# 591

Delta R.T. 0.00 min

Lab File: VV006659.D

Acq: 20 Jul 2018 11:28

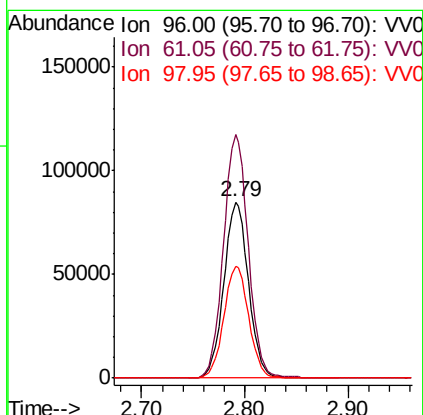
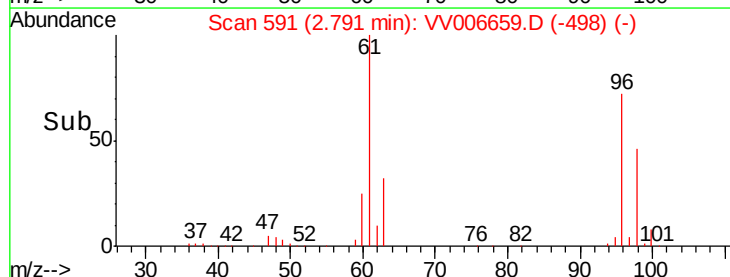
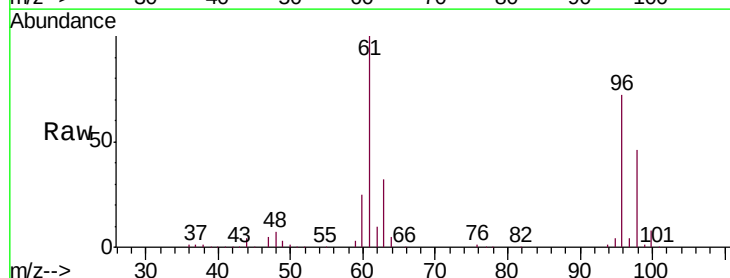
Tgt Ion: 96 Resp: 141634

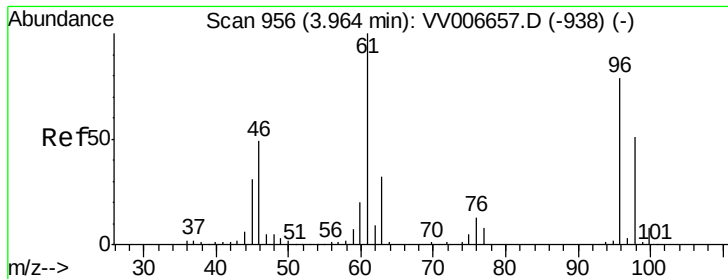
Ion Ratio Lower Upper

96 100

61 138.3 96.0 178.4

98 63.6 43.5 80.9





#22

cis-1,2-Dichloroethene

Concen: 8.83 ug/L

RT: 3.96 min Scan# 956

Delta R.T. 0.00 min

Lab File: VV006659.D

Acq: 20 Jul 2018 11:28

Instrument :

MSVOA_V

ClientSampleId :

DB174DL

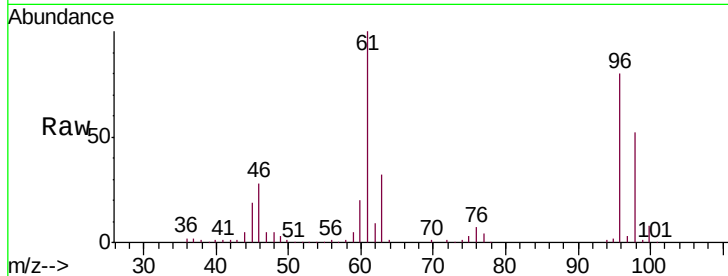
Tot Ion: 96 Resp: 182506

Ion Ratio Lower Upper

96 100

61 124.5 86.2 160.0

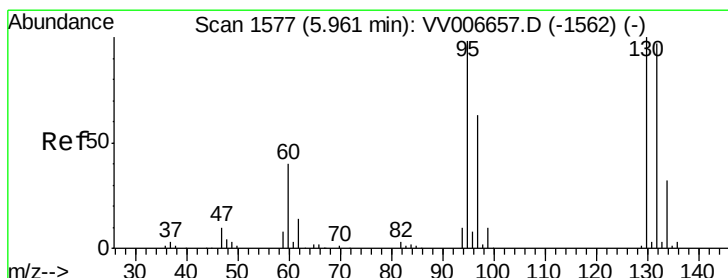
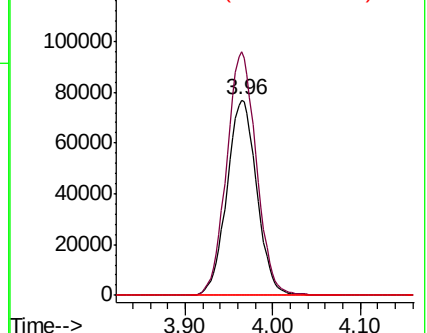
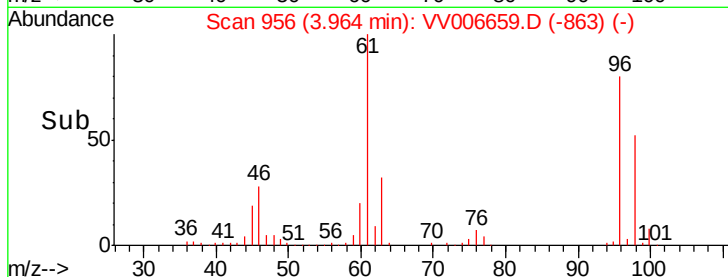
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV006659.D (-1484) (-)

Ion 61.05 (60.75 to 61.75): VV006659.D (-1484) (-)

Ion 68.15 (67.85 to 68.85): VV006659.D (-1484) (-)



#34

Trichloroethene

Concen: 0.62 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006659.D

Acq: 20 Jul 2018 11:28

Tgt Ion: 95 Resp: 12094

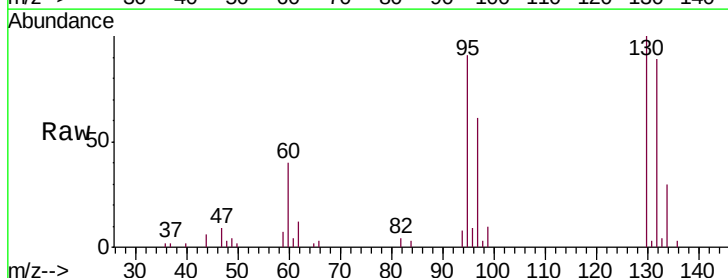
Ion Ratio Lower Upper

95 100

97 67.0 45.3 84.1

132 97.6 70.3 130.7

130 109.8 73.7 136.9



Abundance Ion 95.00 (94.70 to 95.70): VV006659.D (-1484) (-)

Ion 96.95 (96.65 to 97.65): VV006659.D (-1484) (-)

Ion 131.95 (131.65 to 132.65): VV006659.D (-1484) (-)

Ion 129.95 (129.65 to 130.65): VV006659.D (-1484) (-)

