

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081420\
 Data File : VV017993.D
 Acq On : 14 Aug 2020 13:30
 Operator : SY/MD
 Sample : L3665-01DL 5X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2M27DL

Quant Time: Aug 17 02:40:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 17 01:31:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	250776	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	247791	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	116885	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	64570	33.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.50%
7) Chloroethane-d5	1.58	69	60410	38.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.18%
11) 1,1-Dichloroethene-d2	2.12	63	102911	28.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.24%#
21) 2-Butanone-d5	3.91	46	117180	93.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.50%
24) Chloroform-d	4.38	84	144749	41.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.12%
26) 1,2-Dichloroethane-d4	5.06	65	100998	44.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.28%
32) Benzene-d6	5.08	84	279298	40.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.80%
36) 1,2-Dichloropropane-d6	6.09	67	96806	43.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.72%
41) Toluene-d8	7.34	98	241743	39.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.72%#
43) trans-1,3-Dichloropropene-	7.64	79	41522	41.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.02%
47) 2-Hexanone-d5	8.11	63	57976	80.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.92%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	127390	43.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.64%
64) 1,2-Dichlorobenzene-d4	11.65	152	110407	47.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.98%

Target Compounds

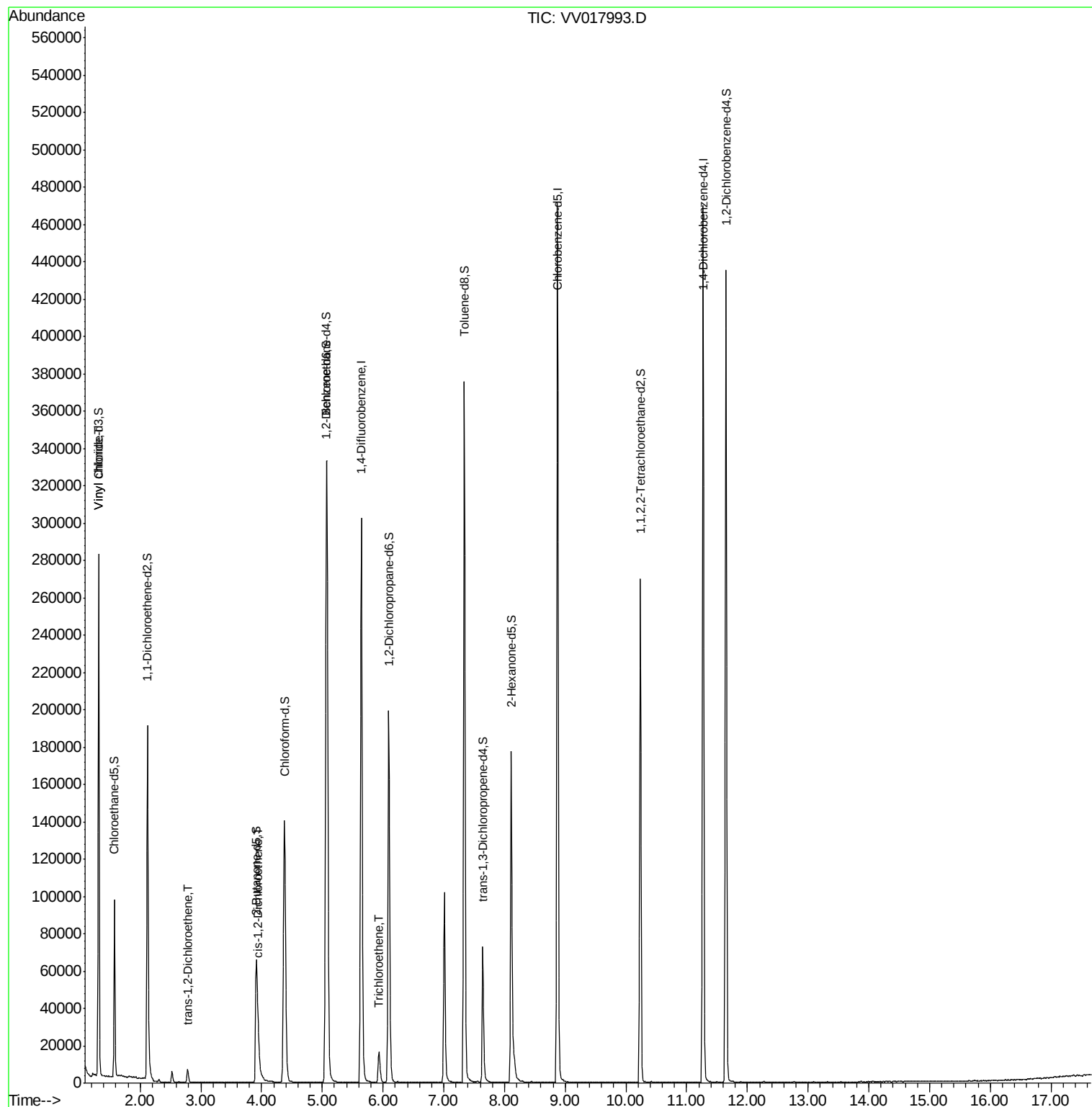
					Ovalue
5) Vinyl chloride	1.32	62	113113	50.762 ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	2540	1.469 ug/L	93
20) cis-1,2-Dichloroethene	3.95	96	1434	0.755 ug/L	90
34) Trichloroethene	5.95	95	2244	1.107 ug/L	93

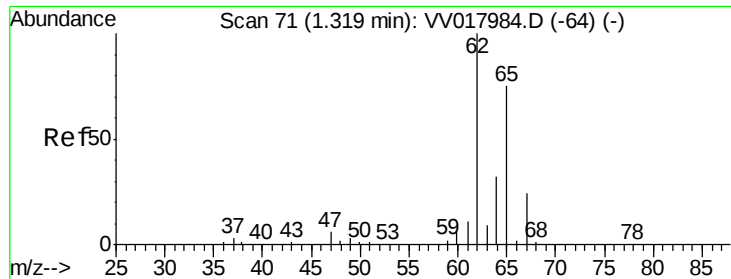
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 50.762 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017993.D

Acq: 14 Aug 2020 13:30

Instrument :

MSVOA_V

ClientSampled :

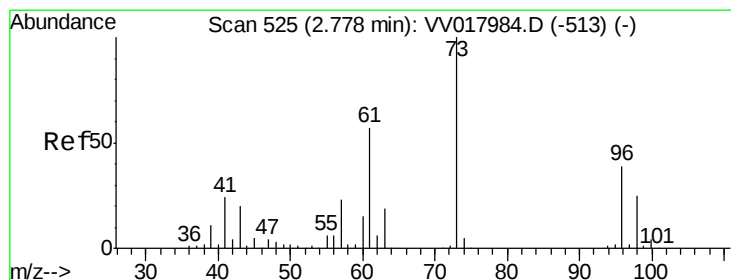
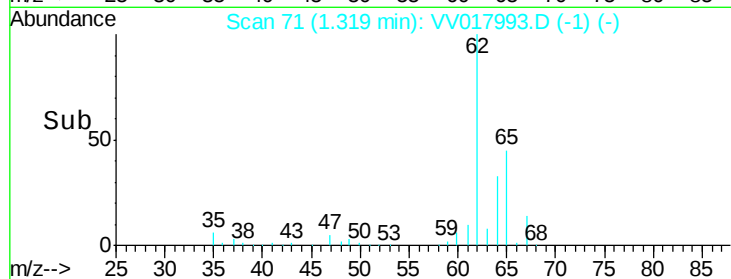
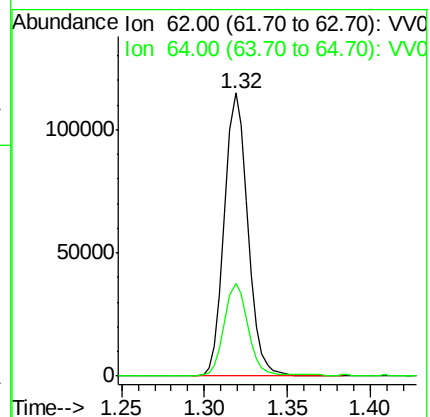
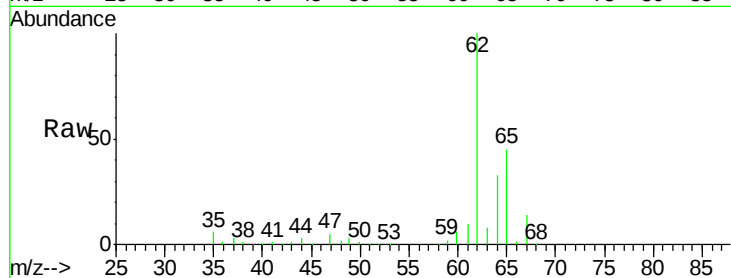
F2M27DL

Tot Ion: 62 Resp: 113113

Ion Ratio Lower Upper

62 100

64 32.7 22.4 41.6



#17

trans-1,2-Dichloroethene

Concen: 1.469 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.00 min

Lab File: VV017993.D

Acq: 14 Aug 2020 13:30

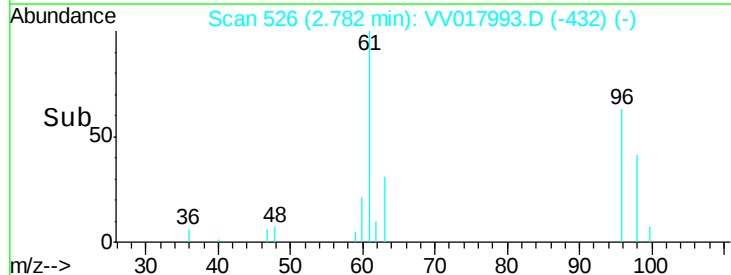
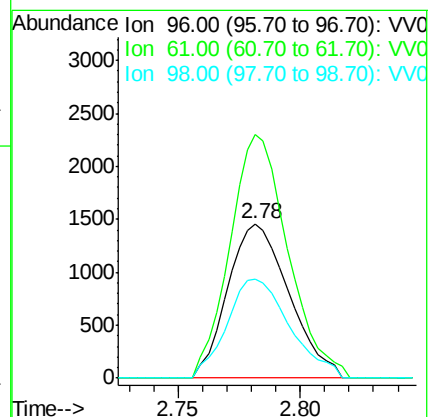
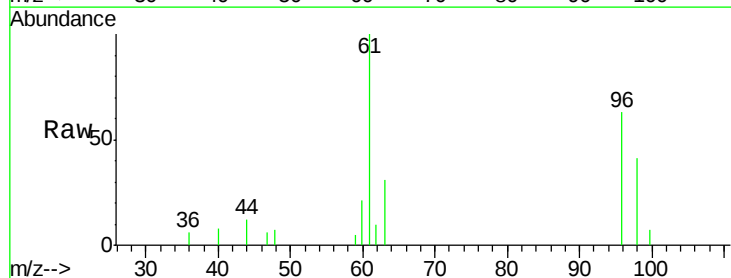
Tgt Ion: 96 Resp: 2540

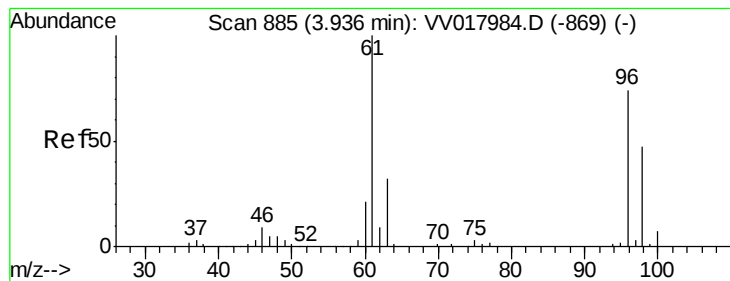
Ion Ratio Lower Upper

96 100

61 157.6 102.4 190.2

98 64.2 44.4 82.5





#20

cis-1,2-Dichloroethene

Concen: 0.755 ug/L

RT: 3.95 min Scan# 888

Delta R.T. 0.01 min

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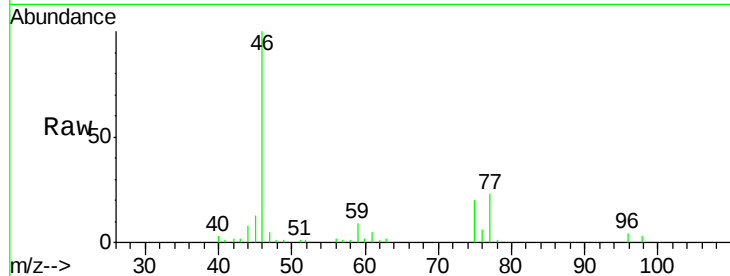
Tot Ion: 96 Resp: 1434

Ion Ratio Lower Upper

96 100

61 123.8 95.0 176.4

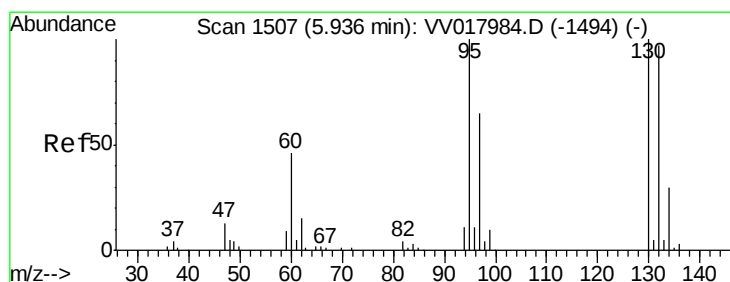
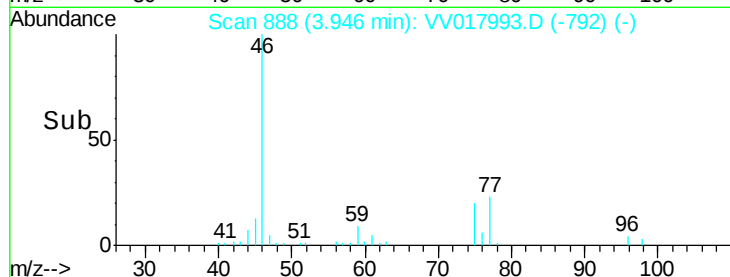
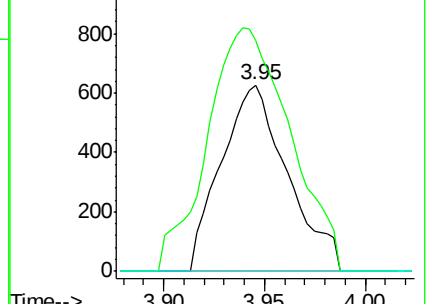
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV017984.D (-869) (-)

Ion 61.00 (60.70 to 61.70): VV017984.D (-869) (-)

Ion 68.00 (67.70 to 68.70): VV017984.D (-869) (-)



#34

Trichloroethene

Concen: 1.107 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV017993.D

Acq: 14 Aug 2020 13:30

Tgt Ion: 95 Resp: 2244

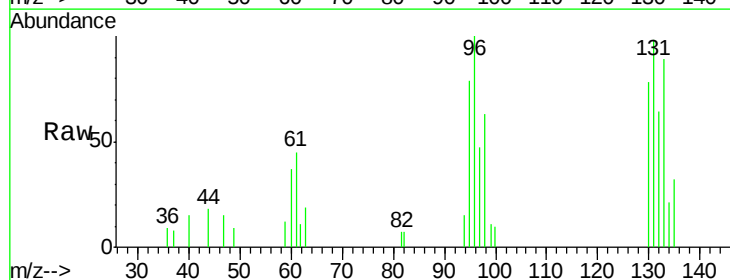
Ion Ratio Lower Upper

95 100

97 59.4 46.0 85.4

132 80.4 65.8 122.2

130 98.3 69.2 128.6



Abundance Ion 95.00 (94.70 to 95.70): VV017984.D (-1494) (-)

Ion 97.00 (96.70 to 97.70): VV017984.D (-1494) (-)

Ion 132.00 (131.70 to 132.70): VV017984.D (-1494) (-)

Ion 130.00 (129.70 to 130.70): VV017984.D (-1494) (-)

