

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081420\
 Data File : VV017988.D
 Acq On : 14 Aug 2020 11:32
 Operator : SY/MD
 Sample : L3644-20DL 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2M14DL

Quant Time: Aug 17 02:06:49 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	259587	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	252831	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	120714	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	101843	51.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.84%
7) Chloroethane-d5	1.58	69	83403	51.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.94%
11) 1,1-Dichloroethene-d2	2.12	63	149472	39.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.90%
21) 2-Butanone-d5	3.91	46	116544	89.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.84%
24) Chloroform-d	4.38	84	171703	47.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.24%
26) 1,2-Dichloroethane-d4	5.06	65	117867	50.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.66%
32) Benzene-d6	5.08	84	349136	50.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.22%
36) 1,2-Dichloropropane-d6	6.09	67	113626	49.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.76%
41) Toluene-d8	7.34	98	310196	49.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.00%
43) trans-1,3-Dichloropropene-	7.64	79	48700	47.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.26%
47) 2-Hexanone-d5	8.11	63	57534	78.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.70%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	131755	44.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.84%
64) 1,2-Dichlorobenzene-d4	11.65	152	124819	52.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.08%

Target Compounds

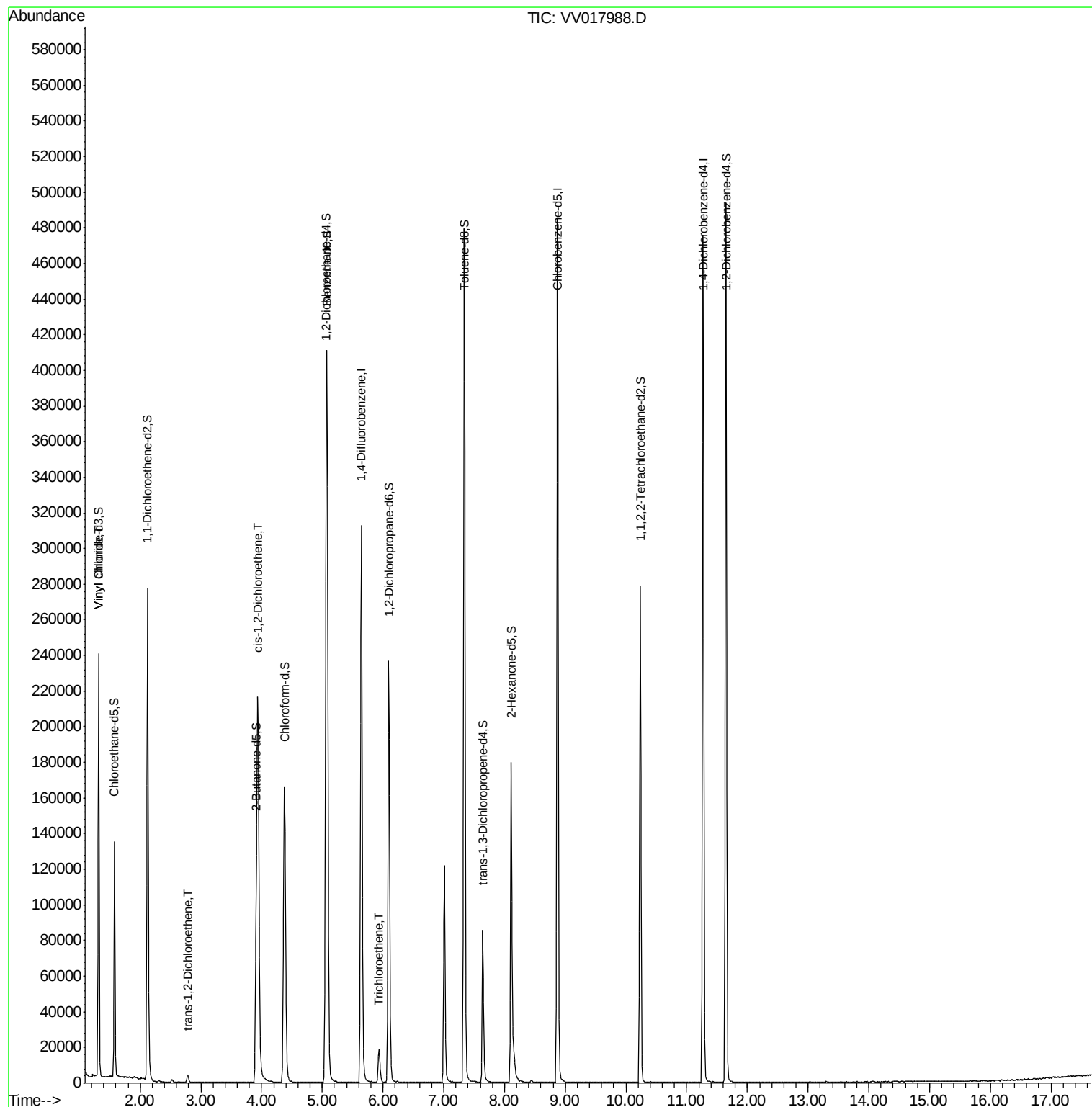
					Ovalue
5) Vinyl chloride	1.32	62	51395	22.282	ug/L 96
17) trans-1,2-Dichloroethene	2.78	96	1792	1.001	ug/L 97
20) cis-1,2-Dichloroethene	3.94	96	106160	53.971	ug/L 98
34) Trichloroethene	5.95	95	2240	1.083	ug/L 90

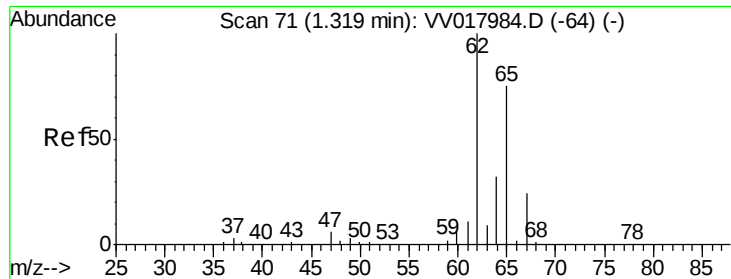
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 22.282 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017988.D

Acq: 14 Aug 2020 11:32

Instrument :

MSVOA_V

ClientSampled :

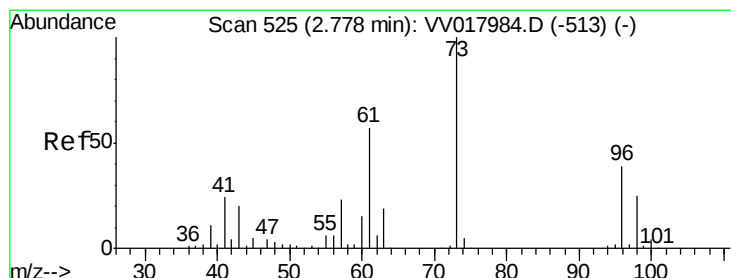
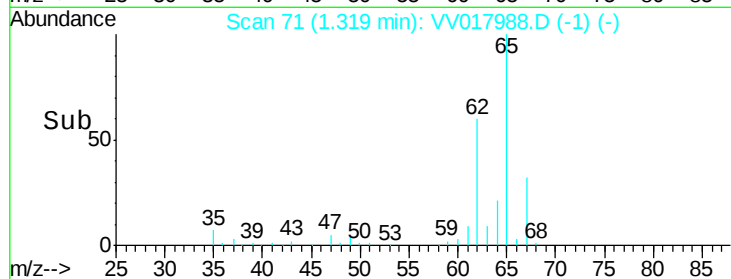
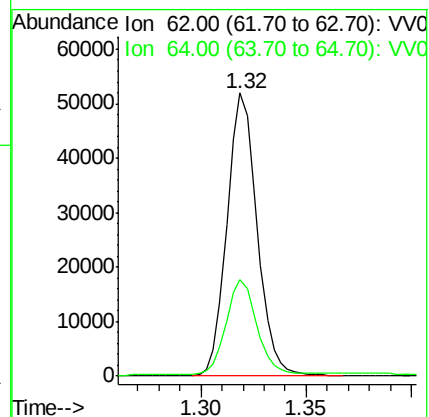
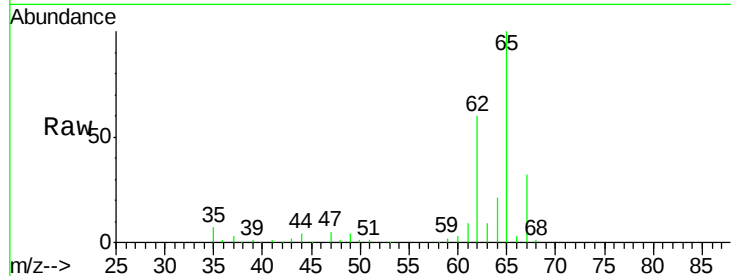
F2M14DL

Tot Ion: 62 Resp: 51395

Ion Ratio Lower Upper

62 100

64 34.2 22.4 41.6



#17

trans-1,2-Dichloroethene

Concen: 1.001 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.00 min

Lab File: VV017988.D

Acq: 14 Aug 2020 11:32

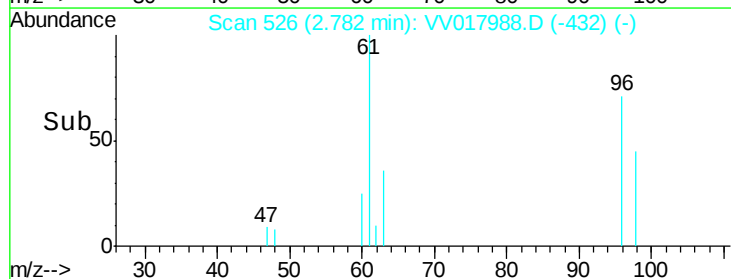
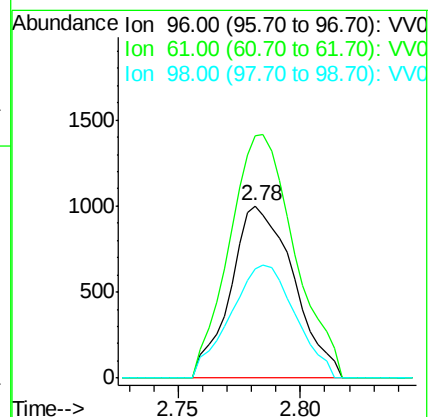
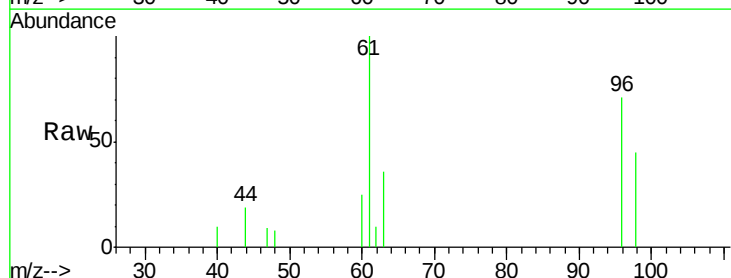
Tgt Ion: 96 Resp: 1792

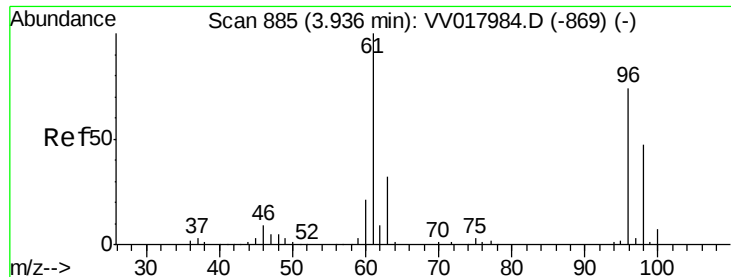
Ion Ratio Lower Upper

96 100

61 140.9 102.4 190.2

98 63.7 44.4 82.5

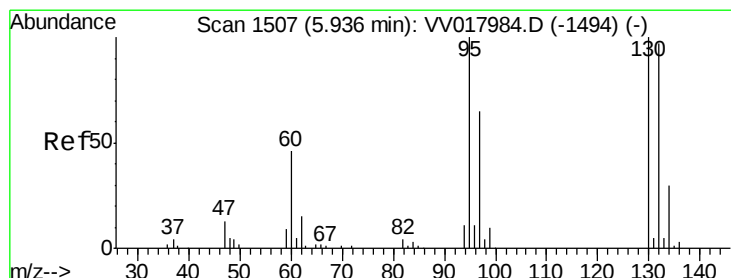
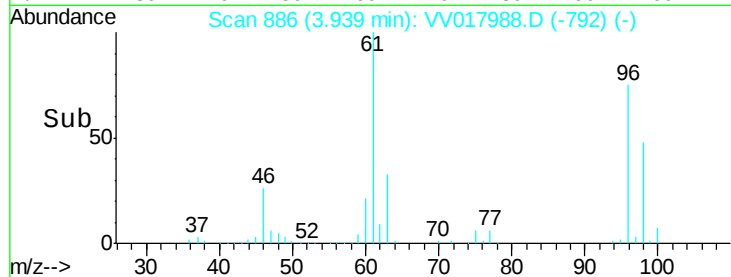
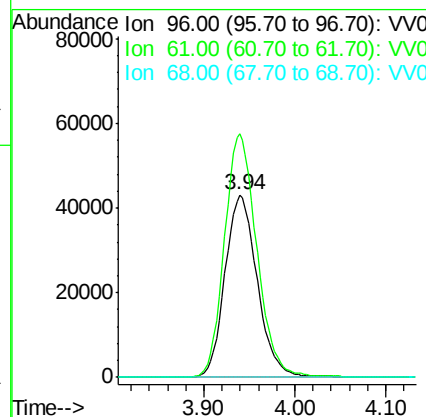
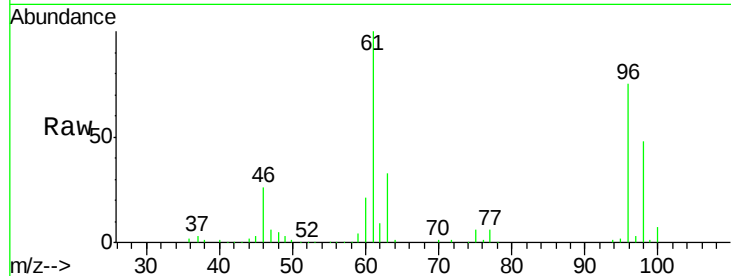




#20
 cis-1,2-Dichloroethene
 Concen: 53.971 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
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 F2M14DL

Tot Ion: 96 Resp: 106160
 Ion Ratio Lower Upper
 96 100
 61 133.7 95.0 176.4
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 1.083 ug/L
 RT: 5.95 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: VV017988.D
 Acq: 14 Aug 2020 11:32

Tgt Ion: 95 Resp: 2240
 Ion Ratio Lower Upper
 95 100
 97 73.9 46.0 85.4
 132 102.6 65.8 122.2
 130 110.3 69.2 128.6

