

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\
 Data File : VV017948.D
 Acq On : 13 Aug 2020 00:33
 Operator : SY/MD
 Sample : L3665-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2M27

Quant Time: Aug 13 06:36:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 13 05:58:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	246930	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	244991	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	113057	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83897	44.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.06%
7) Chloroethane-d5	1.58	69	72630	47.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.24%
11) 1,1-Dichloroethene-d2	2.12	63	121266	33.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.30%
21) 2-Butanone-d5	3.91	46	118365	95.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.92%
24) Chloroform-d	4.38	84	156092	45.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.02%
26) 1,2-Dichloroethane-d4	5.06	65	111575	50.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.18%
32) Benzene-d6	5.08	84	320717	47.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.09	67	105483	47.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.58%
41) Toluene-d8	7.34	98	279429	46.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.04%
43) trans-1,3-Dichloropropene-	7.64	79	43649	43.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.20%
47) 2-Hexanone-d5	8.11	63	60242	85.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.05%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	132487	46.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.18%
64) 1,2-Dichlorobenzene-d4	11.65	152	113336	50.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.88%

Target Compounds

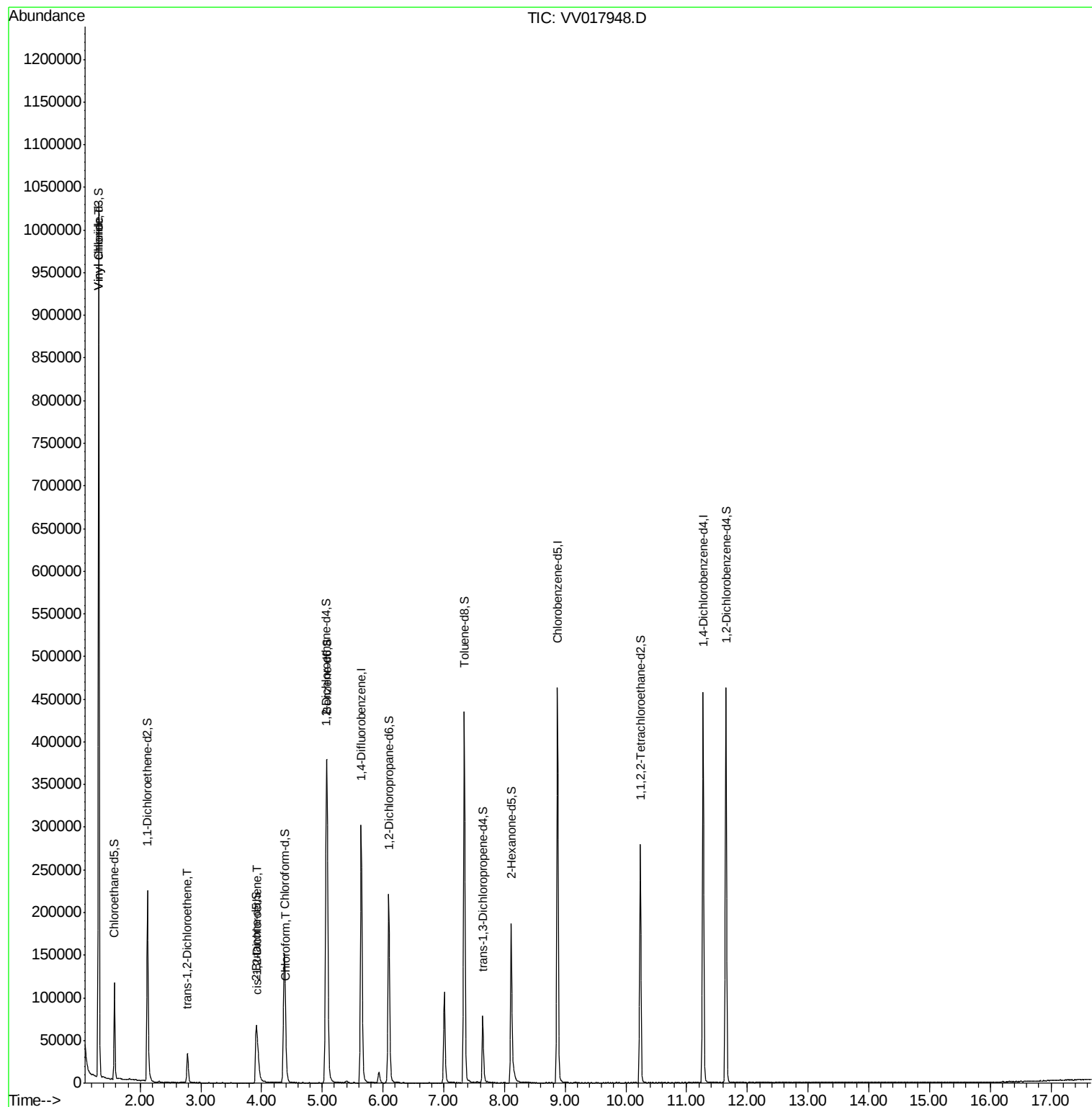
					Ovalue
5) Vinyl chloride	1.32	62	544248	248.048	ug/L 100
17) trans-1,2-Dichloroethene	2.78	96	12695	7.456	ug/L 98
20) cis-1,2-Dichloroethene	3.94	96	6584	3.519	ug/L 92
25) Chloroform	4.41	83	7369	2.110	ug/L 93

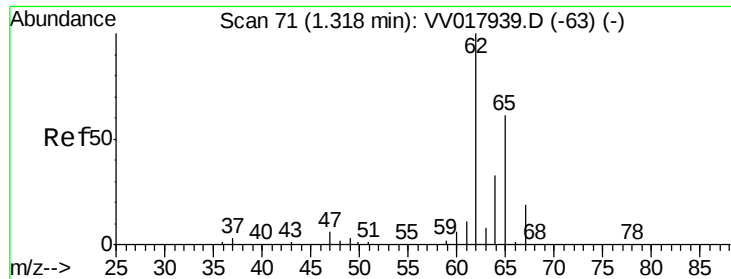
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 248.048 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017948.D

Acq: 13 Aug 2020 00:33

Instrument :

MSVOA_V

ClientSampled :

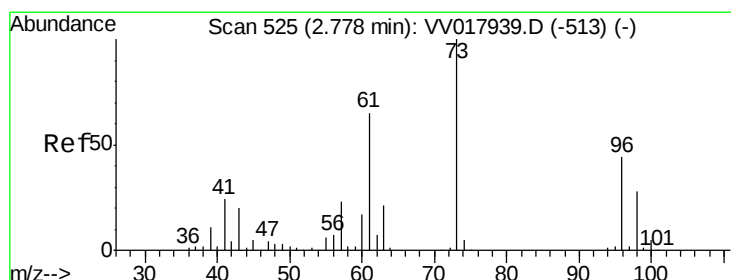
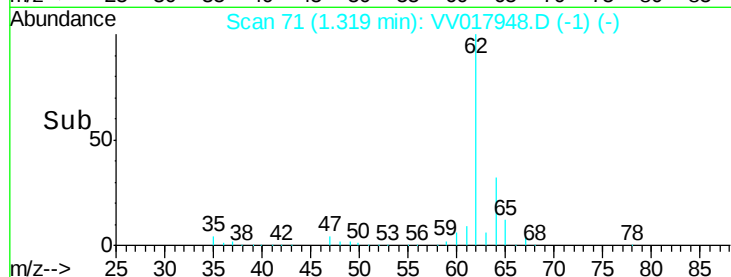
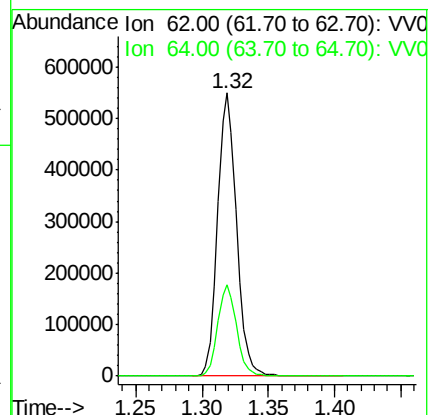
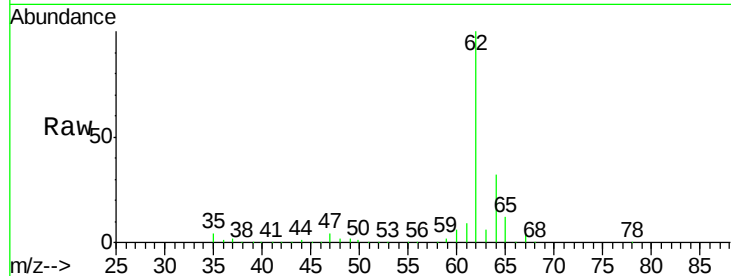
F2M27

Tot Ion: 62 Resp: 544248

Ion Ratio Lower Upper

62 100

64 32.1 22.4 41.6



#17

trans-1,2-Dichloroethene

Concen: 7.456 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

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Acq: 13 Aug 2020 00:33

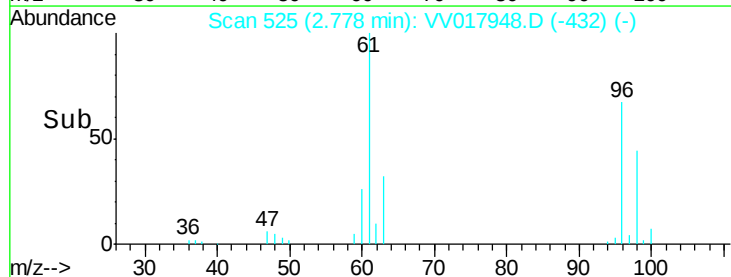
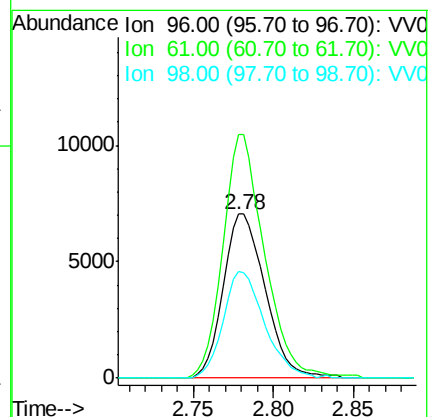
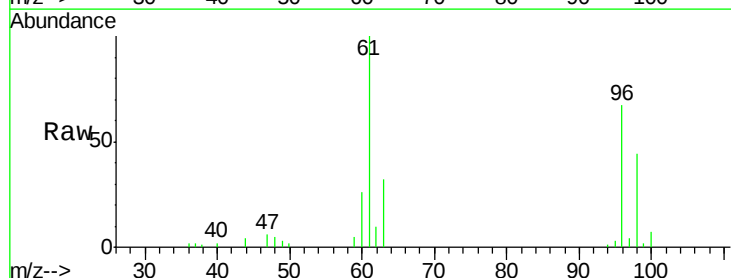
Tgt Ion: 96 Resp: 12695

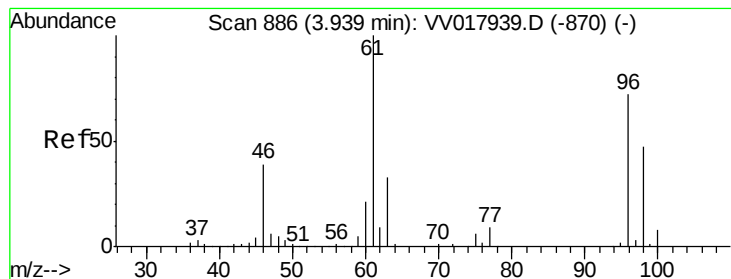
Ion Ratio Lower Upper

96 100

61 148.3 102.4 190.2

98 65.2 44.4 82.5





#20

cis-1,2-Dichloroethene

Concen: 3.519 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

F2M27

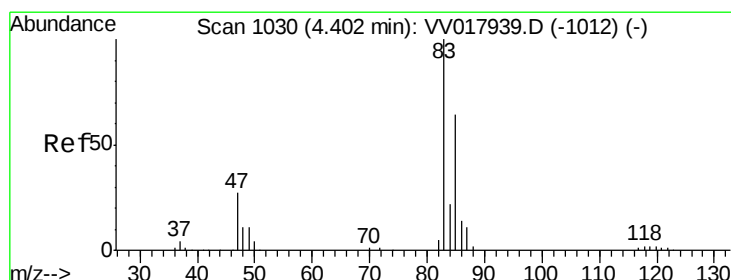
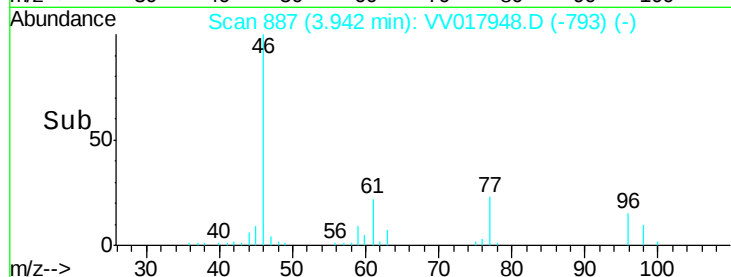
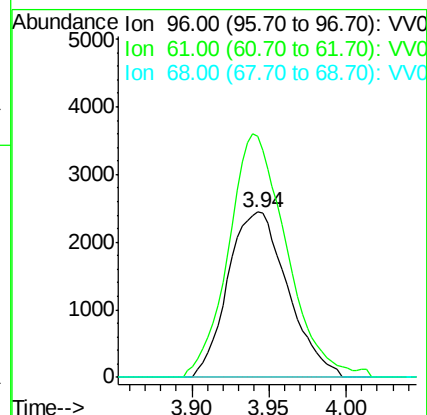
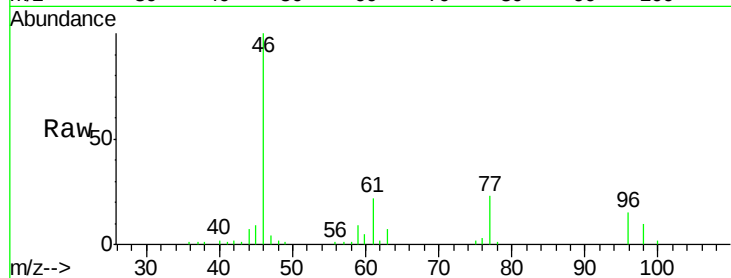
Tot Ion: 96 Resp: 6584

Ion Ratio Lower Upper

96 100

61 145.7 95.0 176.4

68 0.0 0.0 0.0



#25

Chloroform

Concen: 2.110 ug/L

RT: 4.41 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VV017948.D

Acq: 13 Aug 2020 00:33

Tgt Ion: 83 Resp: 7369

Ion Ratio Lower Upper

83 100

85 70.1 45.5 84.5

