

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080720\
 Data File : VV017843.D
 Acq On : 07 Aug 2020 16:50
 Operator : SY/MD
 Sample : L3590-12DL 5X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L89DL

Quant Time: Aug 08 01:41:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 08 00:22:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	237411	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	232913	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	131945	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	40106	34.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.28%
7) Chloroethane-d5	1.58	69	41520	42.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.00%
11) 1,1-Dichloroethene-d2	2.12	63	88228	31.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.42%
21) 2-Butanone-d5	3.91	46	82227	94.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.46%
24) Chloroform-d	4.37	84	148454	46.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.84%
26) 1,2-Dichloroethane-d4	5.05	65	115572	50.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.02%
32) Benzene-d6	5.07	84	248200	45.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.08%
36) 1,2-Dichloropropane-d6	6.09	67	67854	44.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.18%
41) Toluene-d8	7.34	98	251554	46.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.12%
43) trans-1,3-Dichloropropene-	7.64	79	29050	28.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.76%#
47) 2-Hexanone-d5	8.11	63	58869	90.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.00%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	103308	44.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.92%
64) 1,2-Dichlorobenzene-d4	11.65	152	129118	49.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.70%

Target Compounds

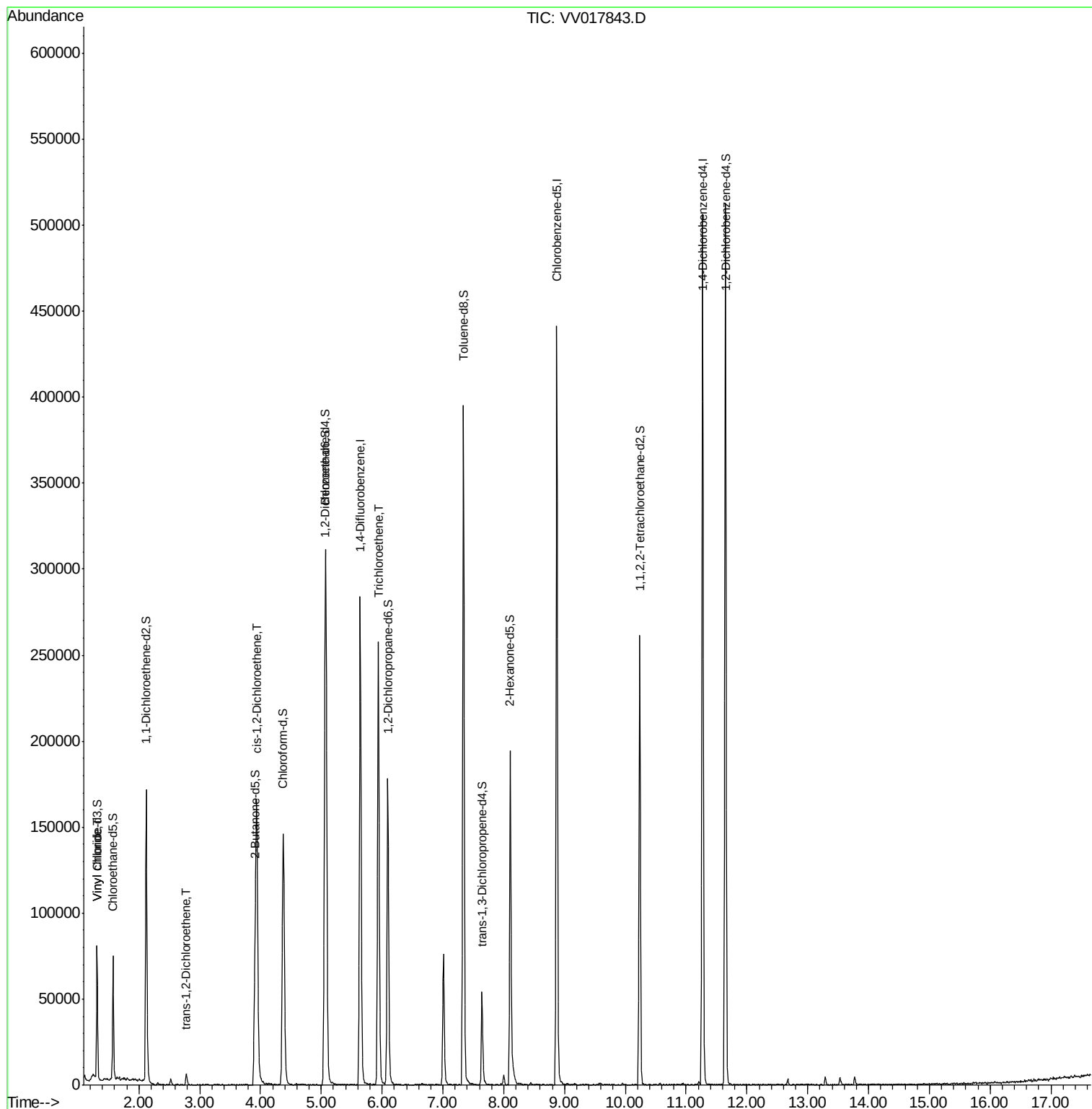
					Ovalue
5) Vinyl chloride	1.32	62	2890	1.716 ug/L	# 1
17) trans-1,2-Dichloroethene	2.78	96	2333	1.448 ug/L	96
20) cis-1,2-Dichloroethene	3.94	96	81232	47.202 ug/L	97
34) Trichloroethene	5.94	95	81034	45.133 ug/L	99

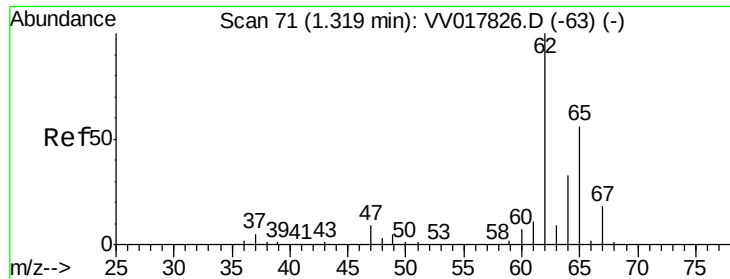
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV080720\
Data File : VV017843.D
Acq On : 07 Aug 2020 16:50
Operator : SY/MD
Sample : L3590-12DL 5X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2L89DL

Quant Time: Aug 08 01:41:01 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 08 00:22:47 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.716 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017843.D

Acq: 07 Aug 2020 16:50

Instrument :

MSVOA_V

ClientSampleID :

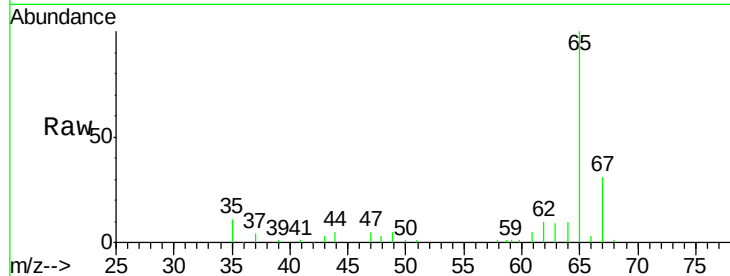
F2L89DL

Tot Ion: 62 Resp: 2890

Ion Ratio Lower Upper

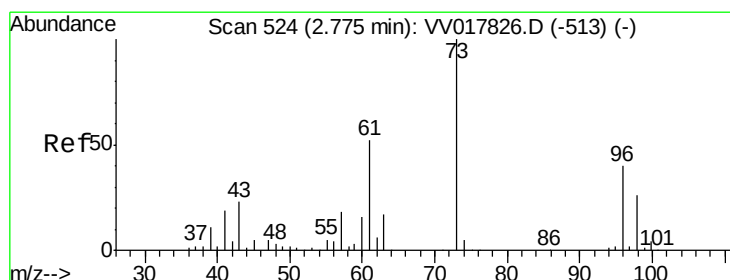
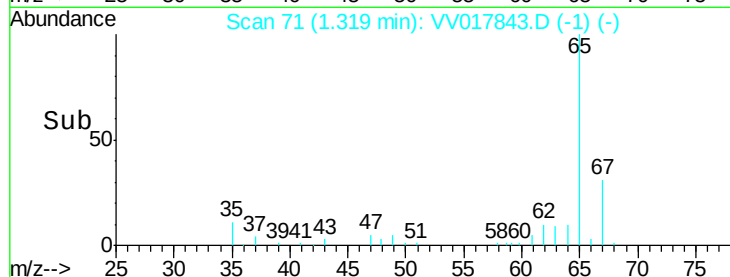
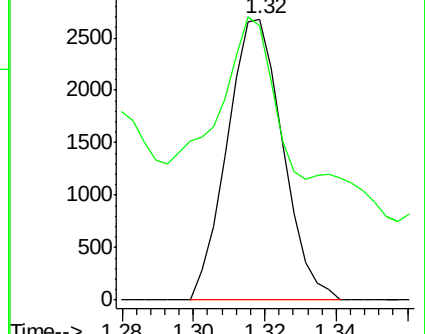
62 100

64 97.7 22.9 42.5#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#17

trans-1,2-Dichloroethene

Concen: 1.448 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.01 min

Lab File: VV017843.D

Acq: 07 Aug 2020 16:50

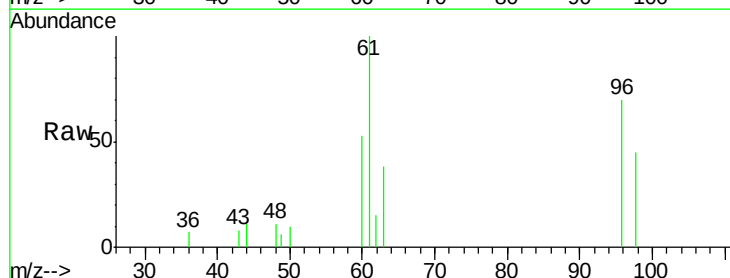
Tgt Ion: 96 Resp: 2333

Ion Ratio Lower Upper

96 100

61 142.5 96.2 178.8

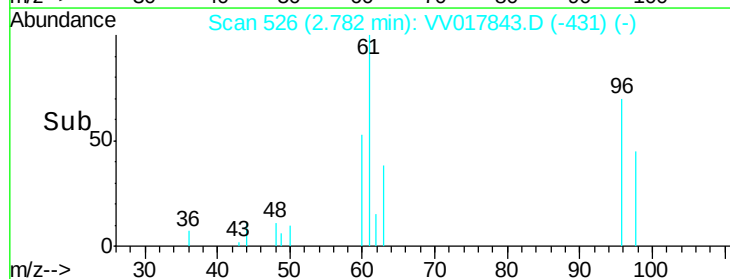
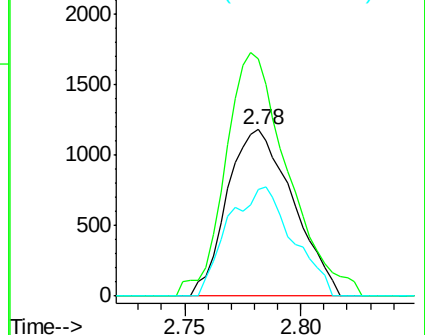
98 64.0 43.2 80.2

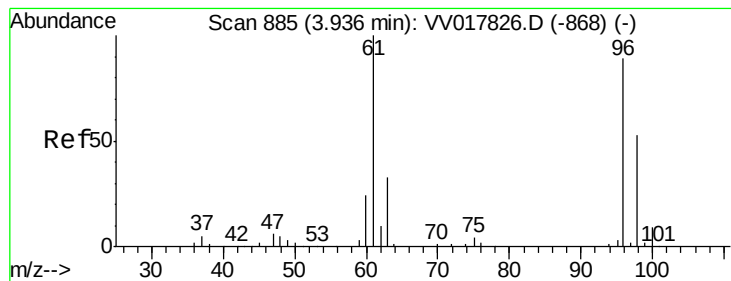


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



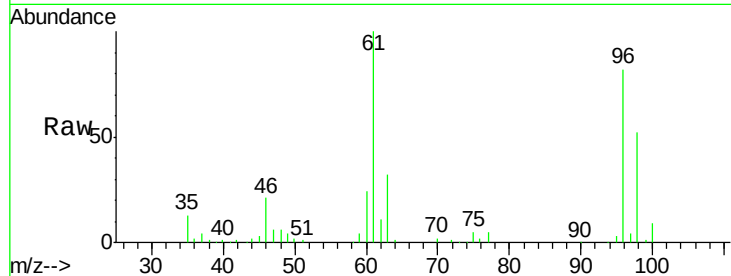


#20

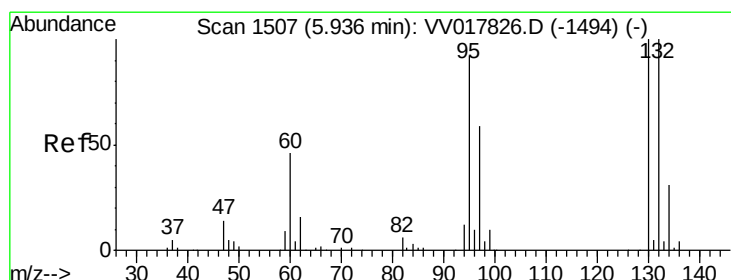
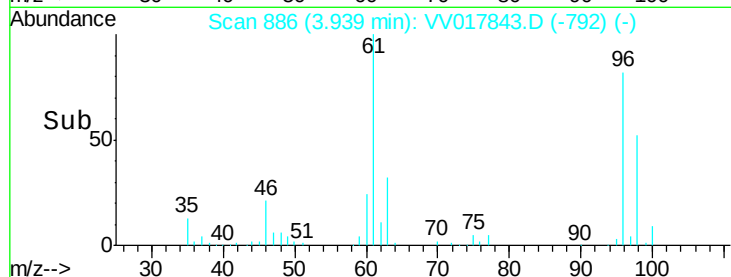
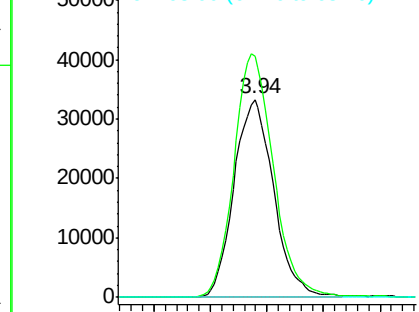
cis-1,2-Dichloroethene
Concen: 47.202 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV017843.D
Acq: 07 Aug 2020 16:50

Instrument :
MSVOA_V
ClientSampled :
F2L89DL

Tot Ion: 96 Resp: 81232
Ion Ratio Lower Upper
96 100
61 121.7 87.3 162.1
68 0.0 0.0 0.0



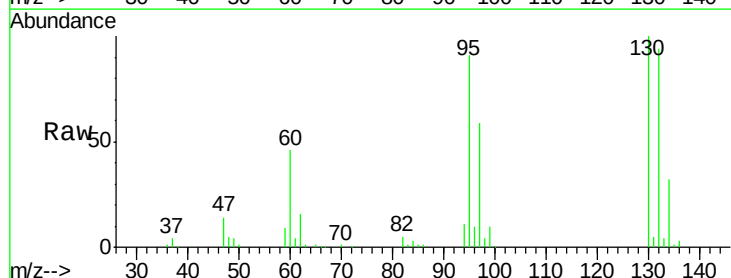
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 68.00 (67.70 to 68.70): VV0



#34

Trichloroethene
Concen: 45.133 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV017843.D
Acq: 07 Aug 2020 16:50

Tgt Ion: 95 Resp: 81034
Ion Ratio Lower Upper
95 100
97 64.8 45.3 84.1
132 102.8 71.4 132.6
130 109.9 75.3 139.9



Abundance Ion 95.00 (94.70 to 95.70): VV0
Ion 97.00 (96.70 to 97.70): VV0
Ion 132.00 (131.70 to 132.70): VV0
Ion 130.00 (129.70 to 130.70): VV0

