

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042120\
 Data File : VV015606.D
 Acq On : 21 Apr 2020 17:27
 Operator : SY/MD
 Sample : L2366-11
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKH7

Quant Time: Apr 22 03:03:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 22 00:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	138114	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	129801	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	63755	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	37920	5.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.80%
7) Chloroethane-d5	1.58	69	33172	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.12	63	56360	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	3.91	46	108074	53.71	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.42%
24) Chloroform-d	4.38	84	76893	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.06	65	43872	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.08	84	149814	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
36) 1,2-Dichloropropane-d6	6.10	67	46918	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.60%
41) Toluene-d8	7.34	98	137960	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
43) trans-1,3-Dichloropropene-	7.64	79	14538	3.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.60%
46) 2-Hexanone-d5	8.11	63	80521	42.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.60%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	32956	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	52441	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

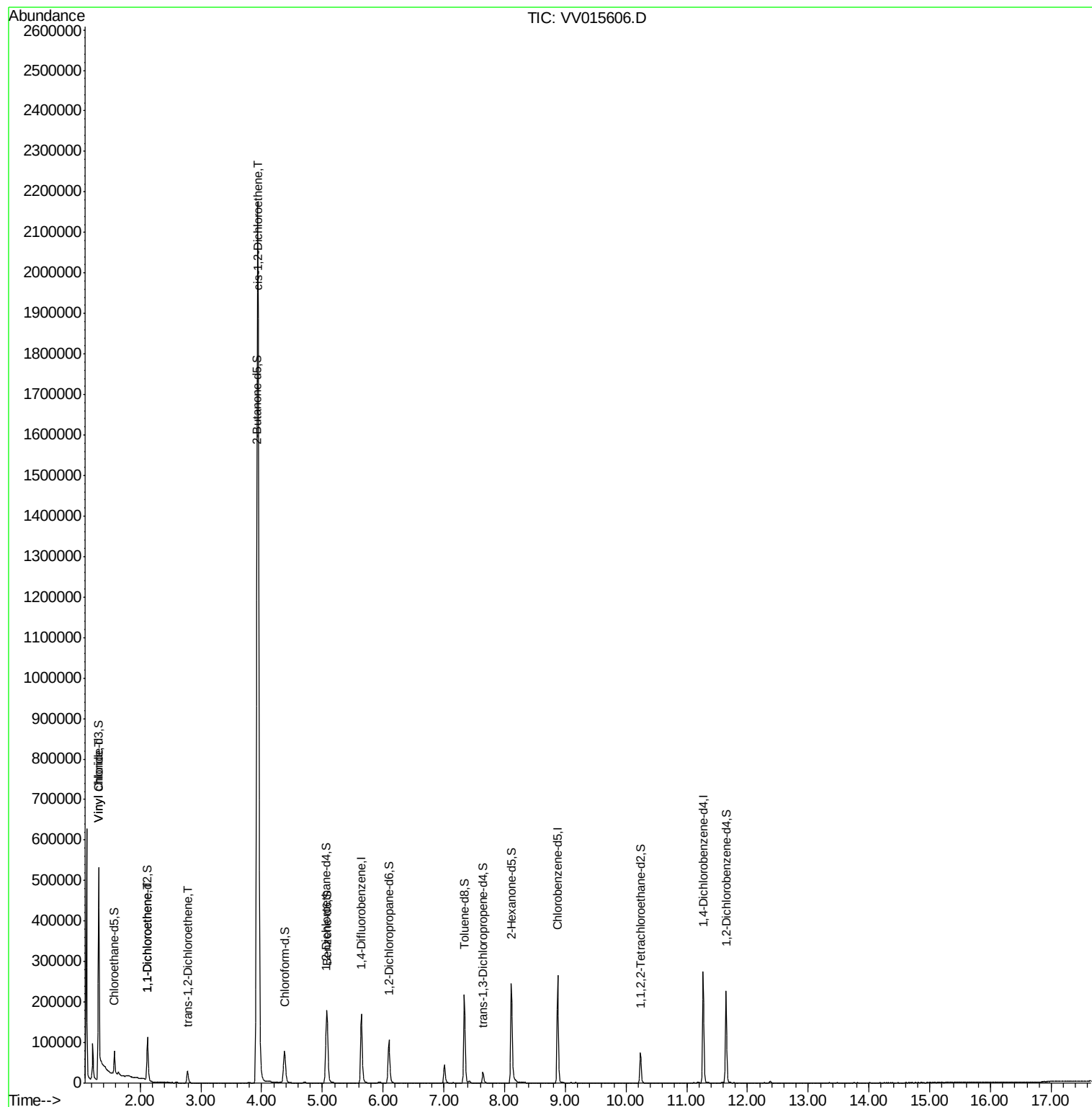
					Ovalue
5) Vinyl chloride	1.32	62	260048	20.744 ug/L	98
12) 1,1-Dichloroethene	2.13	96	3170	0.366 ug/L #	1
18) trans-1,2-Dichloroethene	2.78	96	9529	0.975 ug/L	94
22) cis-1,2-Dichloroethene	3.94	96	1132129	111.611 ug/L	99

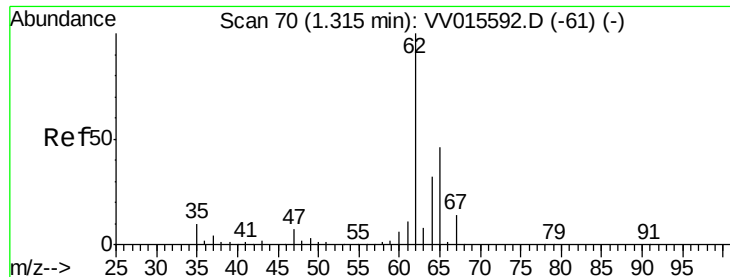
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 20.744 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

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Acq: 21 Apr 2020 17:27

Instrument :

MSVOA_V

ClientSampleID :

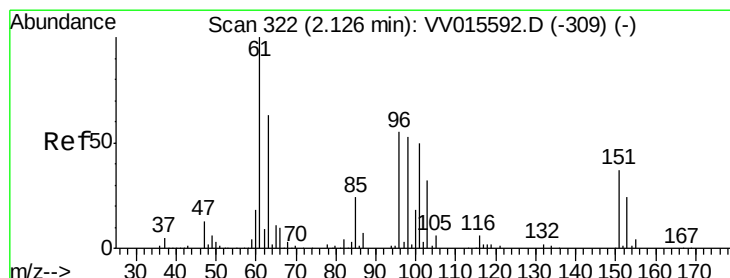
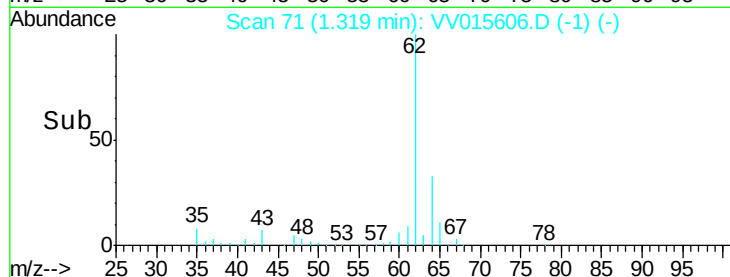
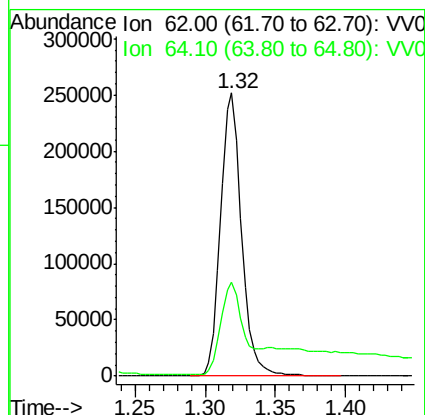
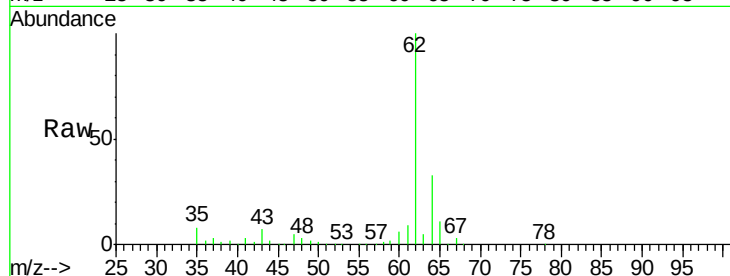
ETKH7

Tot Ion: 62 Resp: 260048

Ion Ratio Lower Upper

62 100

64 33.1 22.5 41.7



#12

1,1-Dichloroethene

Concen: 0.366 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.01 min

Lab File: VV015606.D

Acq: 21 Apr 2020 17:27

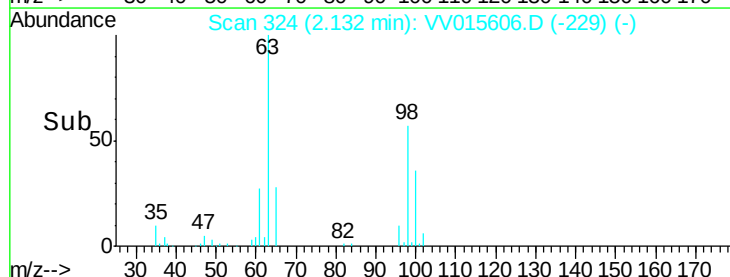
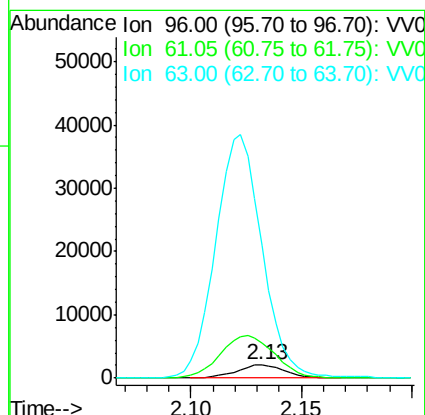
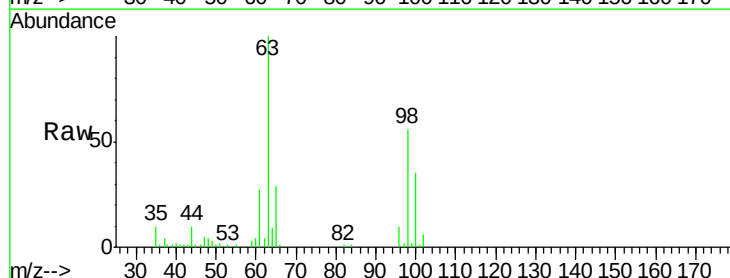
Tgt Ion: 96 Resp: 3170

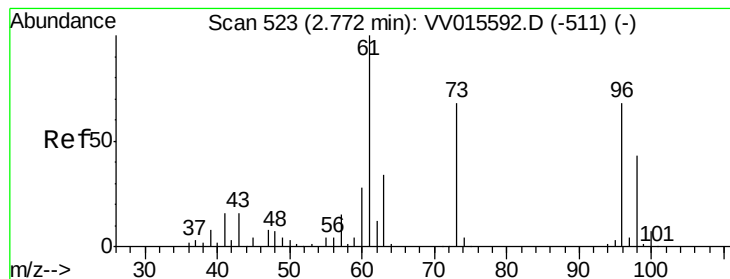
Ion Ratio Lower Upper

96 100

61 257.7 127.7 237.1#

63 967.7 75.1 139.5#





#18

trans-1,2-Dichloroethene

Concen: 0.975 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.01 min

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Acq: 21 Apr 2020 17:27

Instrument :

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ClientSampleId :

ETKH7

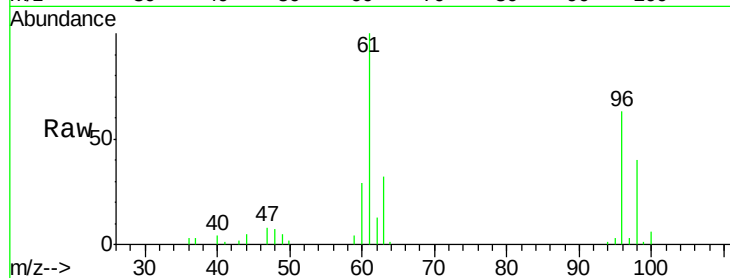
Tot Ion: 96 Resp: 9529

Ion Ratio Lower Upper

96 100

61 158.7 104.4 194.0

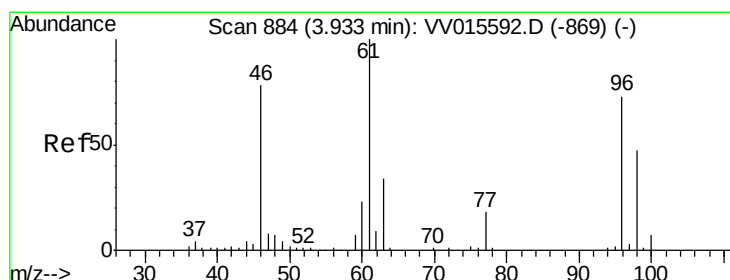
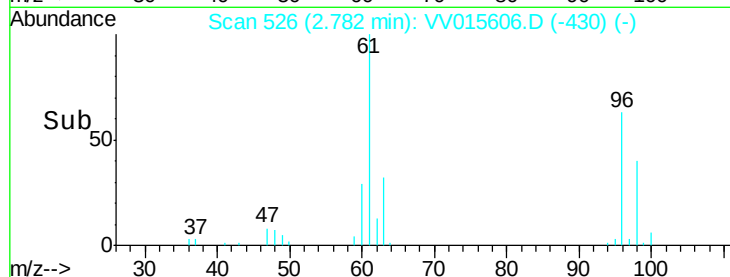
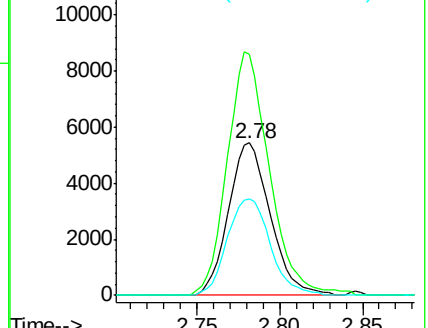
98 63.3 42.8 79.4



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0



#22

cis-1,2-Dichloroethene

Concen: 111.611 ug/L

RT: 3.94 min Scan# 885

Delta R.T. 0.00 min

Lab File: VV015606.D

Acq: 21 Apr 2020 17:27

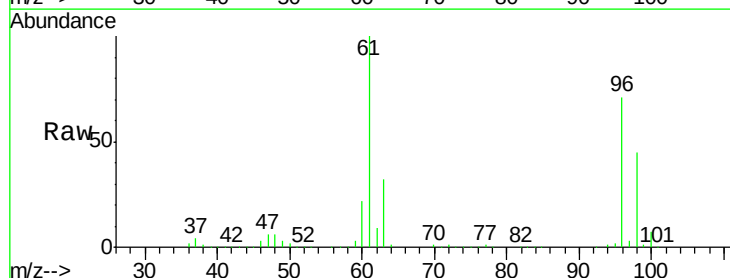
Tgt Ion: 96 Resp: 1132129

Ion Ratio Lower Upper

96 100

61 141.1 100.0 185.8

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

