

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016587.D
 Acq On : 06 Jun 2020 14:05
 Operator : SY/MD
 Sample : L2895-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW0J6

Quant Time: Jun 06 23:50:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 06 23:47:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	380830	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	356312	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	169365	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	98231	36.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.84%
7) Chloroethane-d5	1.56	69	74891	38.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.92%
11) 1,1-Dichloroethene-d2	2.12	63	141173	29.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.04%#
21) 2-Butanone-d5	3.89	46	183603	106.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.45%
24) Chloroform-d	4.37	84	225681	44.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.16%
26) 1,2-Dichloroethane-d4	5.05	65	159413	47.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.06%
32) Benzene-d6	5.07	84	452561	47.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.82%
36) 1,2-Dichloropropane-d6	6.09	67	141908	47.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.44%
41) Toluene-d8	7.34	98	402629	46.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.90%
43) trans-1,3-Dichloropropene-	7.64	79	67267	46.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.82%
47) 2-Hexanone-d5	8.11	63	135773	106.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.60%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	192693	47.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.54%
64) 1,2-Dichlorobenzene-d4	11.65	152	166180	52.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.42%

Target Compounds

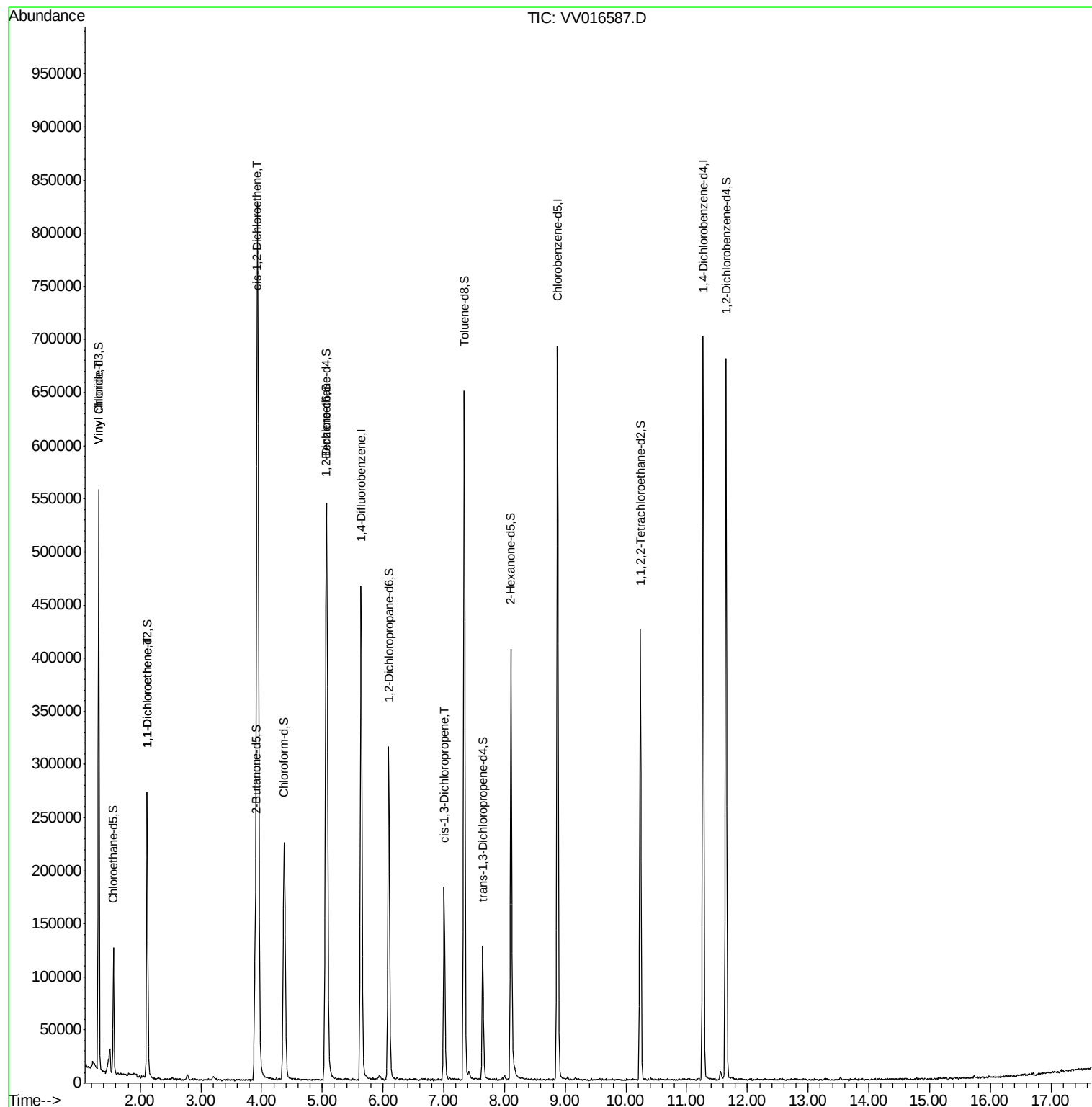
					Ovalue
5) Vinyl chloride	1.32	62	242968	83.062	ug/L 100
12) 1,1-Dichloroethene	2.12	96	1985	0.939	ug/L # 1
20) cis-1,2-Dichloroethene	3.93	96	442407	153.666	ug/L 98
39) cis-1,3-Dichloropropene	7.01	75	4548	1.142	ug/L # 51

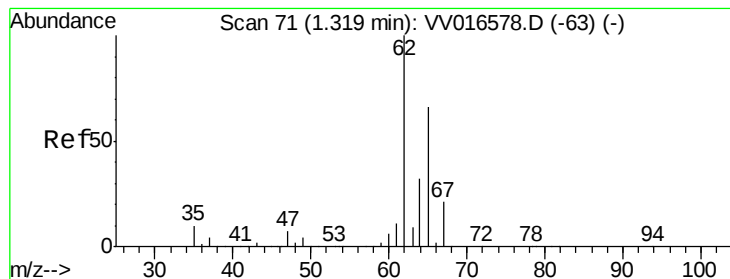
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 83.062 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV016587.D

Acq: 06 Jun 2020 14:05

Instrument :

MSVOA_V

ClientSampled :

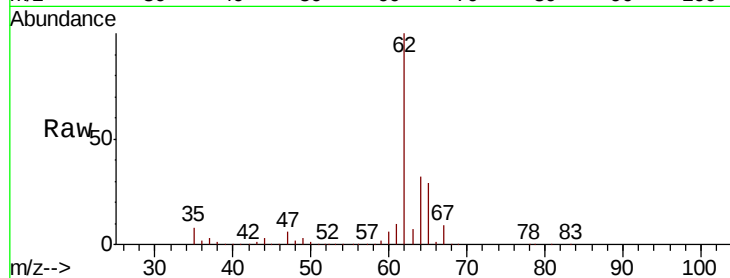
EW0J6

Tot Ion: 62 Resp: 242968

Ion Ratio Lower Upper

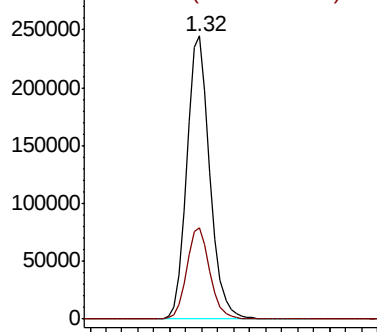
62 100

64 32.4 22.7 42.1

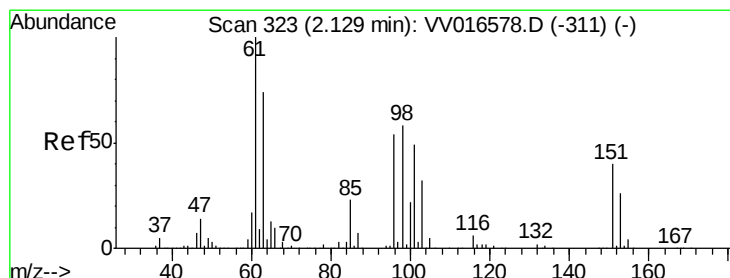
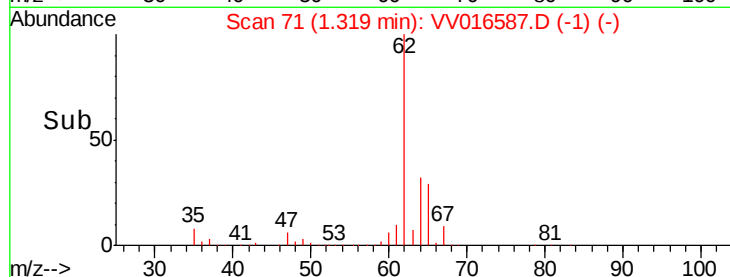


Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



Time-->



#12

1,1-Dichloroethene

Concen: 0.939 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016587.D

Acq: 06 Jun 2020 14:05

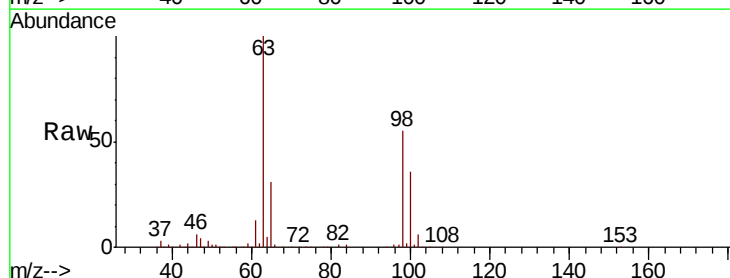
Tgt Ion: 96 Resp: 1985

Ion Ratio Lower Upper

96 100

61 1163.6 125.5 233.1#

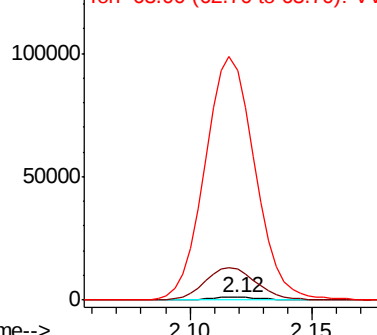
63 8657.0 104.0 193.1#



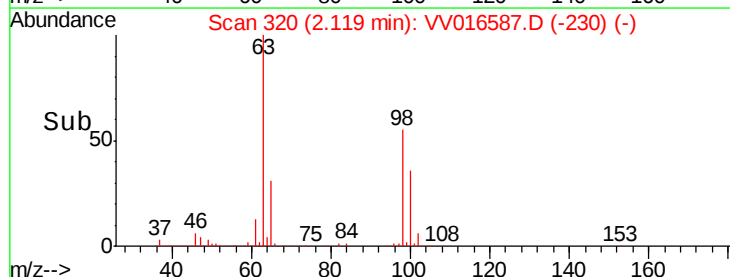
Abundance Ion 96.00 (95.70 to 96.70): VV0

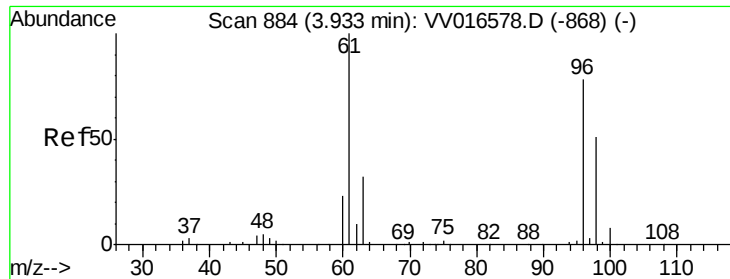
Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0



Time-->

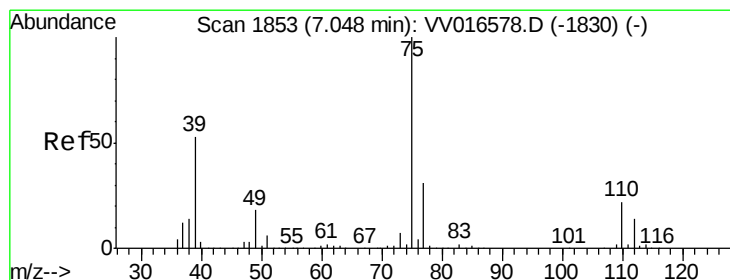
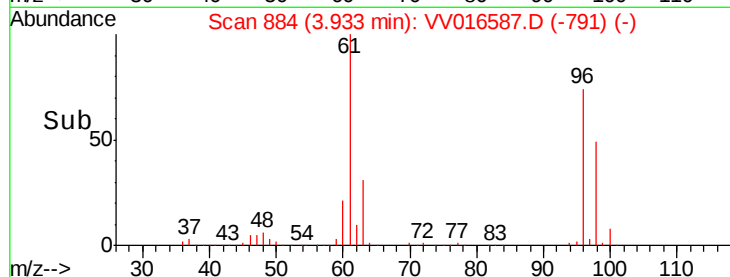
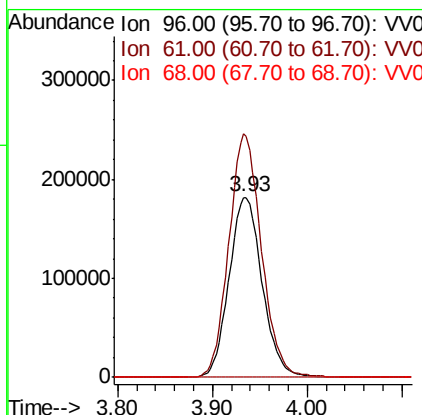
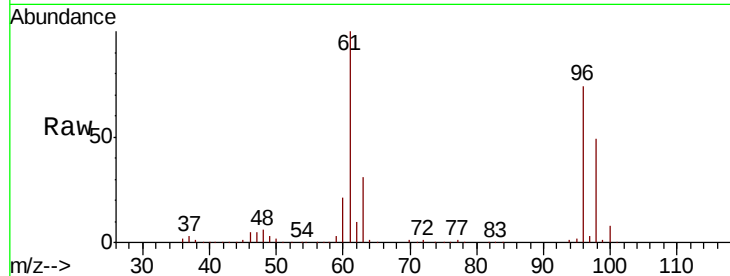




#20
 cis-1,2-Dichloroethene
 Concen: 153.666 ug/L
 RT: 3.93 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: VV016587.D
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Tot Ion: 96 Resp: 442407
 Ion Ratio Lower Upper
 96 100
 61 135.2 93.4 173.4
 68 0.0 0.0 0.0



#39
 cis-1,3-Dichloropropene
 Concen: 1.142 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV016587.D
 Acq: 06 Jun 2020 14:05

Tgt Ion: 75 Resp: 4548
 Ion Ratio Lower Upper
 75 100
 77 58.5 22.0 41.0#

