

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062220\
 Data File : VV017017.D
 Acq On : 22 Jun 2020 13:31
 Operator : SY/MD
 Sample : L3074-14
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Jun 23 03:24:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 23 03:22:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	347777	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	325894	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	153294	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	110554	45.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.10%
7) Chloroethane-d5	1.58	69	71217	48.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.74%
11) 1,1-Dichloroethene-d2	2.12	63	164626	39.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.90%
21) 2-Butanone-d5	3.91	46	171501	94.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.42%
24) Chloroform-d	4.38	84	248169	49.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.46%
26) 1,2-Dichloroethane-d4	5.06	65	175896	51.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.64%
32) Benzene-d6	5.08	84	477702	50.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.70%
36) 1,2-Dichloropropane-d6	6.09	67	146409	50.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.00%
41) Toluene-d8	7.34	98	433070	50.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.48%
43) trans-1,3-Dichloropropene-	7.64	79	70723	46.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.74%
47) 2-Hexanone-d5	8.11	63	100060	78.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.38%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	175496	45.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.54%
64) 1,2-Dichlorobenzene-d4	11.65	152	177866	54.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.74%

Target Compounds

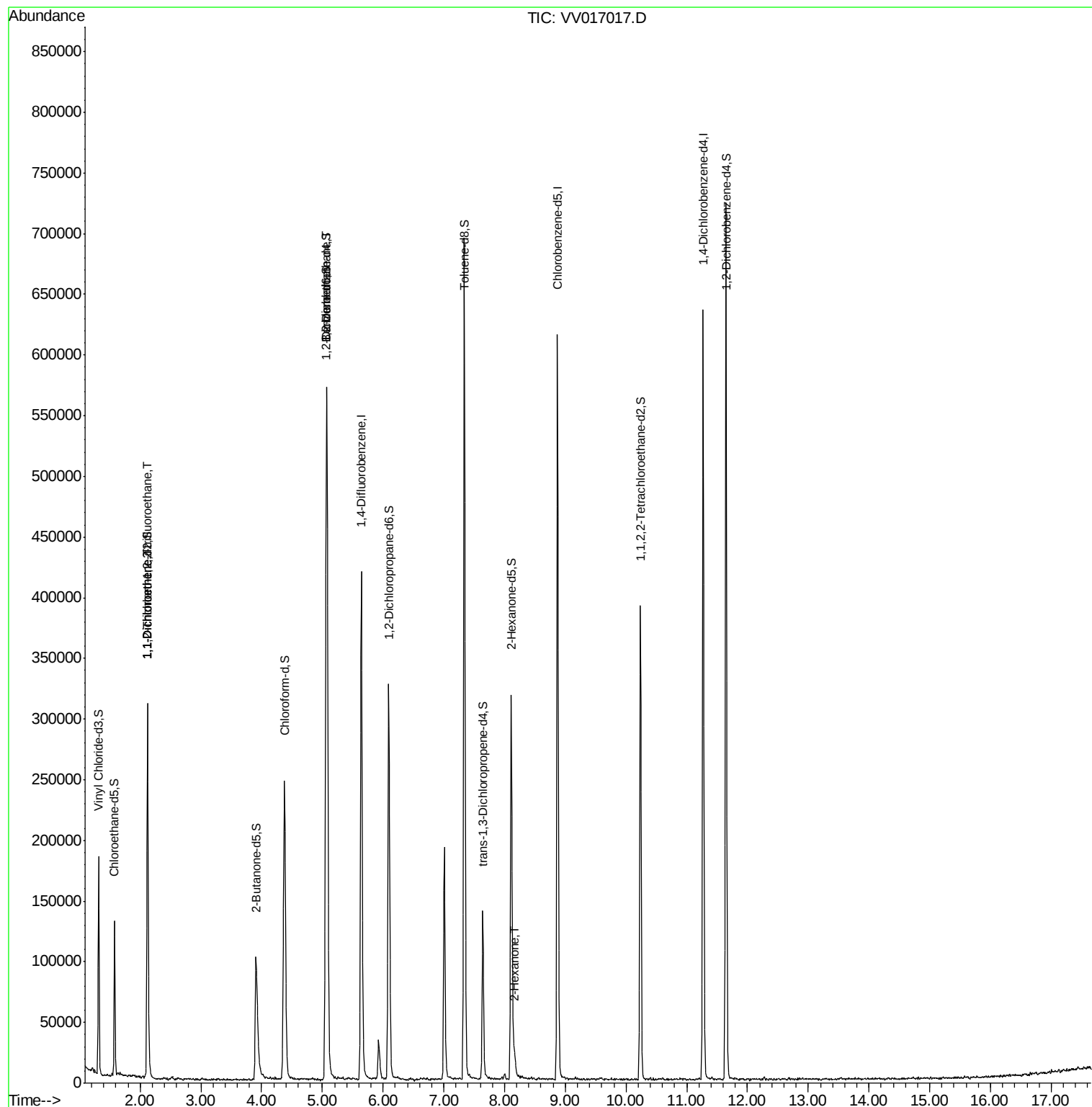
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1448	0.783 ug/L #	22
12) 1,1-Dichloroethene	2.12	96	1317	0.763 ug/L #	1
27) 1,2-Dichloroethane	5.07	62	3429	0.898 ug/L	95
48) 2-Hexanone	8.16	43	11117	4.035 ug/L #	82

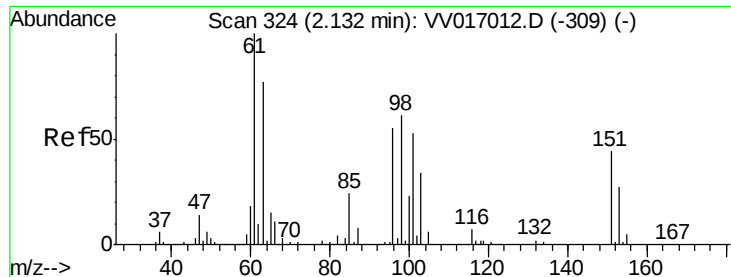
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.783 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017017.D

Acq: 22 Jun 2020 13:31

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

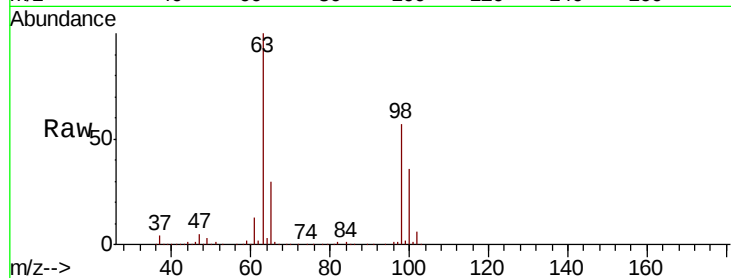
Tot Ion:101 Resp: 1448

Ion Ratio Lower Upper

101 100

85 8.4 35.5 53.3#

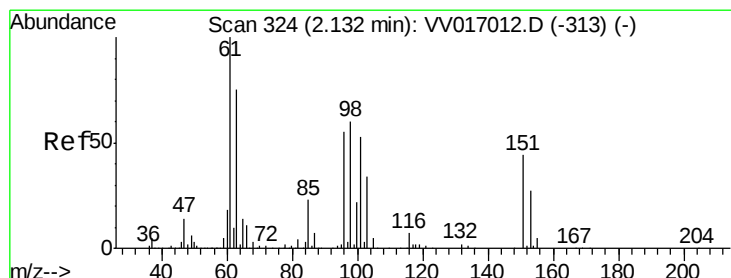
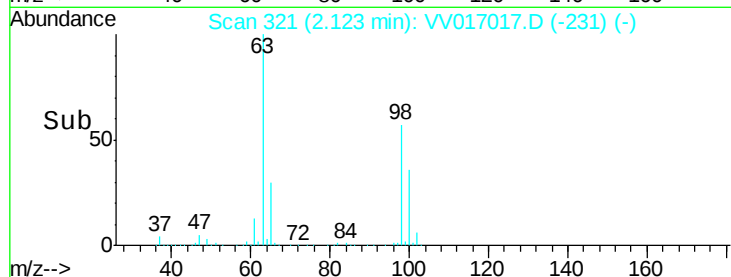
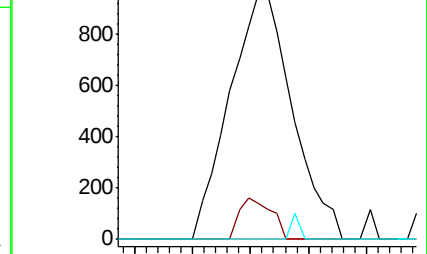
151 0.0 63.9 95.9#



Abundance Ion 101.00 (100.70 to 101.70): VV017017.D (-231) (-)

Ion 85.00 (84.70 to 85.70): VV017017.D (-231) (-)

Ion 151.00 (150.70 to 151.70): VV017017.D (-231) (-)



#12

1,1-Dichloroethene

Concen: 0.763 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017017.D

Acq: 22 Jun 2020 13:31

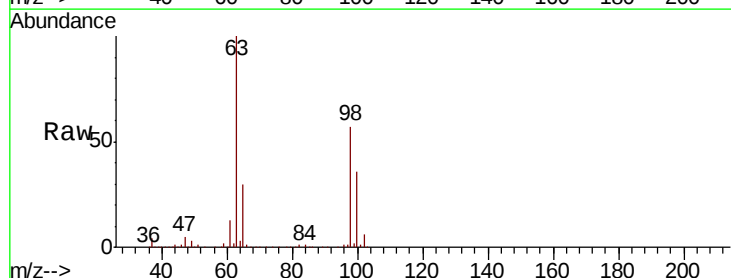
Tgt Ion: 96 Resp: 1317

Ion Ratio Lower Upper

96 100

61 1967.9 130.4 242.2#

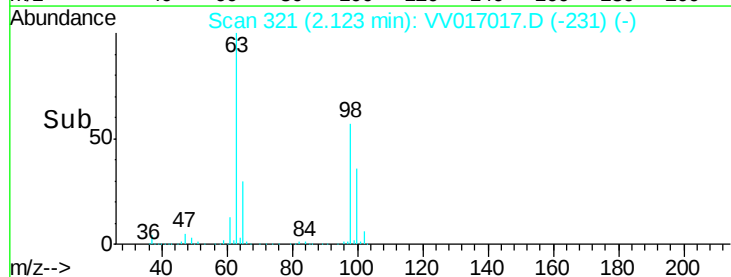
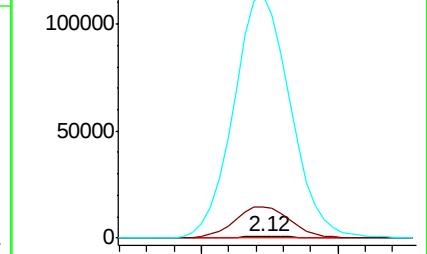
63 15092.8 103.3 191.9#

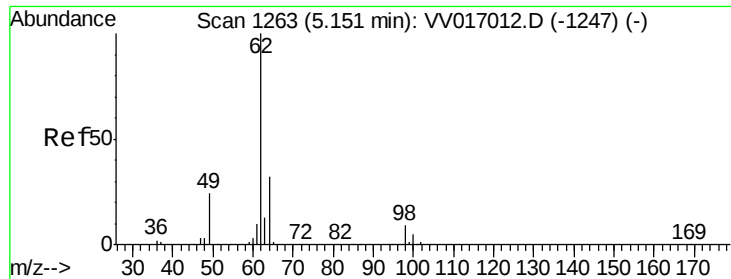


Abundance Ion 96.00 (95.70 to 96.70): VV017017.D (-231) (-)

Ion 61.00 (60.70 to 61.70): VV017017.D (-231) (-)

Ion 63.00 (62.70 to 63.70): VV017017.D (-231) (-)

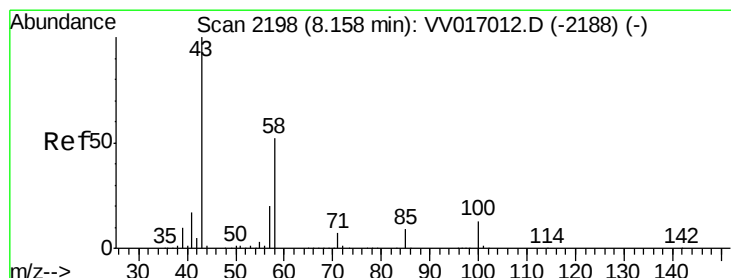
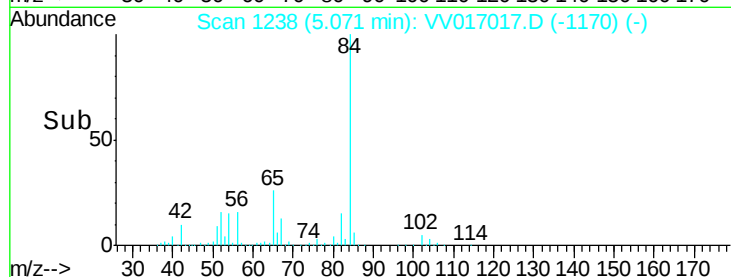
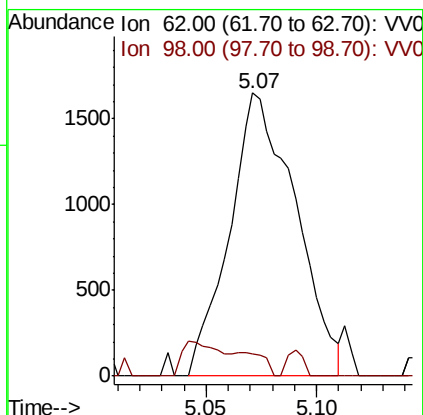
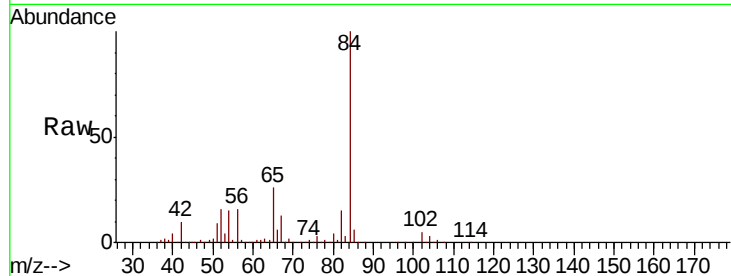




#27
 1,2-Dichloroethane
 Concen: 0.898 ug/L
 RT: 5.07 min Scan# 1238
 Delta R.T. -0.08 min
 Lab File: VV017017.D
 Acq: 22 Jun 2020 13:31

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Tot Ion: 62 Resp: 3429
 Ion Ratio Lower Upper
 62 100
 98 7.6 7.4 11.2



#48
 2-Hexanone
 Concen: 4.035 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV017017.D
 Acq: 22 Jun 2020 13:31

Tgt Ion: 43 Resp: 11117
 Ion Ratio Lower Upper
 43 100
 58 34.2 43.1 64.7#
 57 19.4 15.3 22.9
 100 14.5 10.0 15.0

