

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062920\
 Data File : VV017228.D
 Acq On : 29 Jun 2020 10:13
 Operator : SY/MD
 Sample : L3103-20
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Jun 30 07:42:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 30 07:40:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	360859	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	345624	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	165569	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	98231	38.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.16%
7) Chloroethane-d5	1.58	69	71512	46.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.12	63	160234	37.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.94%
21) 2-Butanone-d5	3.91	46	161611	85.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.75%
24) Chloroform-d	4.38	84	240452	46.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.88%
26) 1,2-Dichloroethane-d4	5.05	65	171656	48.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.48%
32) Benzene-d6	5.07	84	451436	45.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.62%
36) 1,2-Dichloropropane-d6	6.09	67	135566	43.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.30%
41) Toluene-d8	7.34	98	413905	45.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.54%
43) trans-1,3-Dichloropropene-	7.64	79	74849	46.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.54%
47) 2-Hexanone-d5	8.11	63	109360	80.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.77%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	177825	43.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.50%
64) 1,2-Dichlorobenzene-d4	11.65	152	173908	49.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.44%

Target Compounds

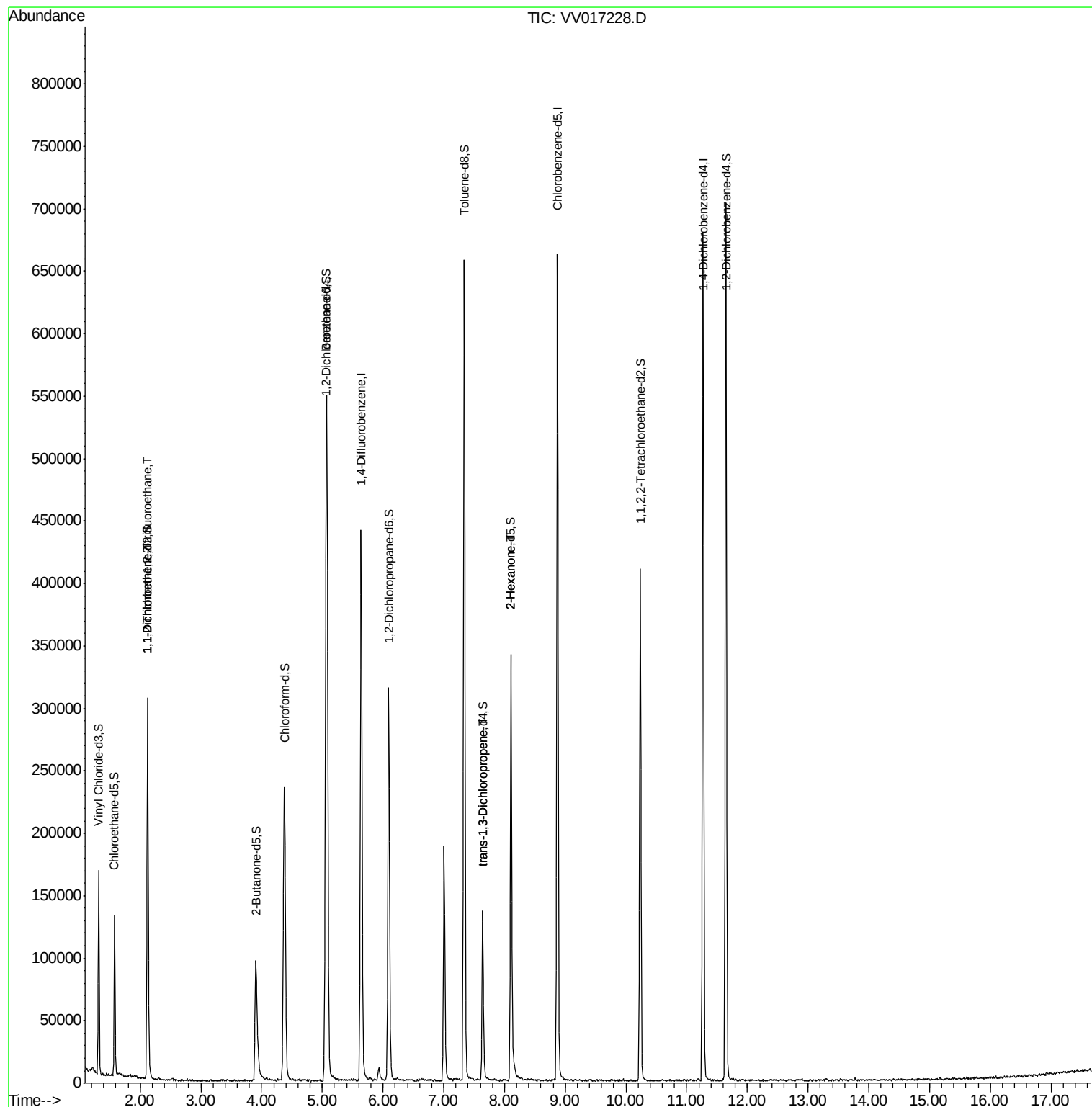
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1447	0.754 ug/L #	19
12) 1,1-Dichloroethene	2.13	96	1582	0.883 ug/L #	1
44) trans-1,3-Dichloropropene	7.64	75	3875	0.965 ug/L #	74
48) 2-Hexanone	8.11	43	14374	4.919 ug/L #	72

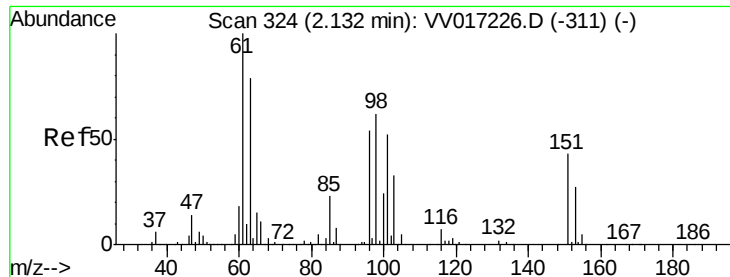
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.754 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017228.D

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VHBLK01

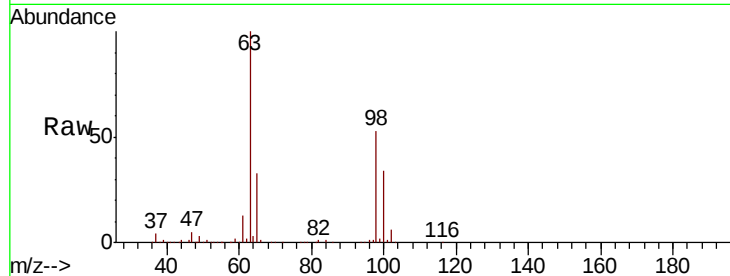
Tot Ion:101 Resp: 1447

Ion Ratio Lower Upper

101 100

85 3.0 35.5 53.3#

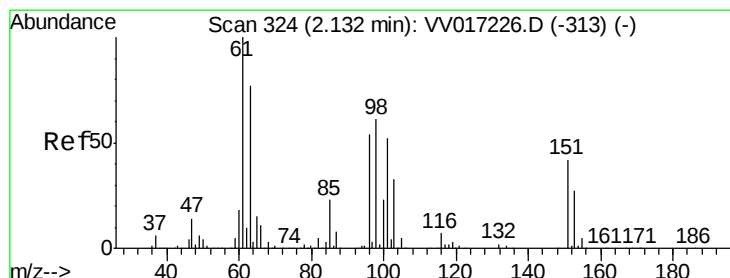
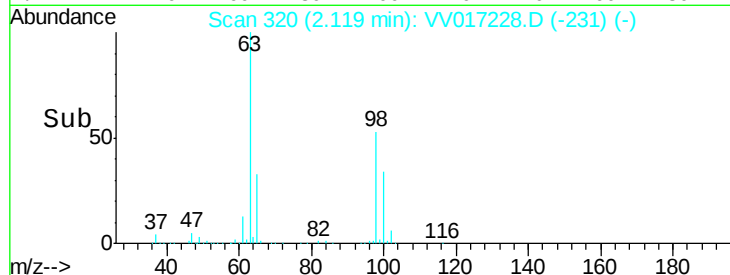
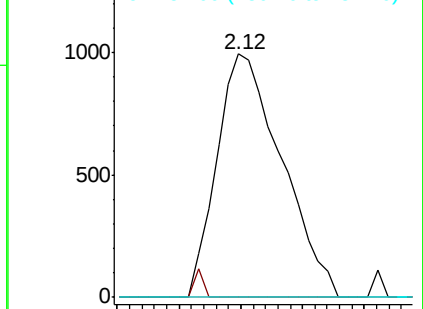
151 0.0 63.9 95.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.883 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017228.D

Acq: 29 Jun 2020 10:13

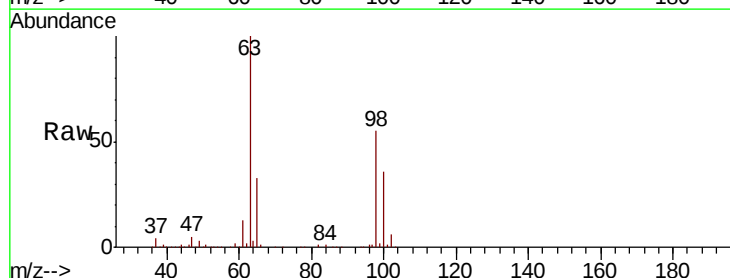
Tgt Ion: 96 Resp: 1582

Ion Ratio Lower Upper

96 100

61 1242.4 130.4 242.2#

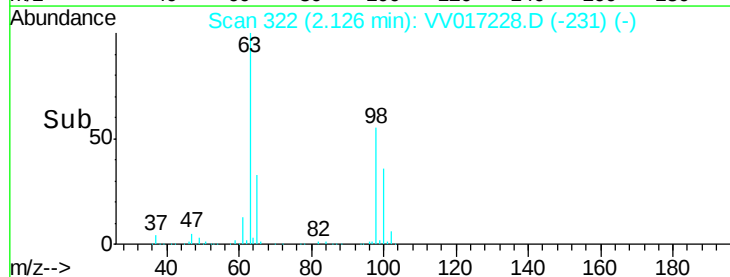
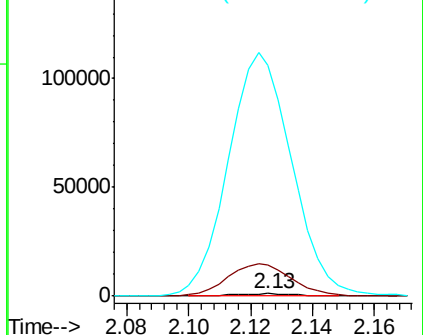
63 9353.3 103.3 191.9#

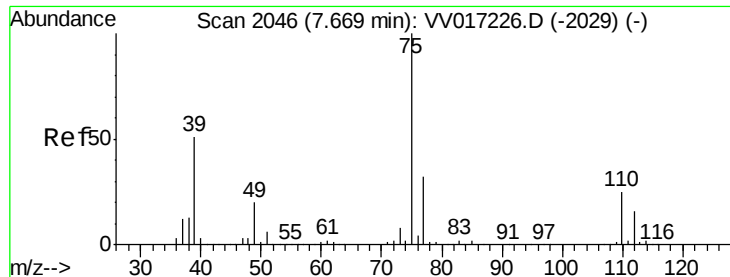


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#44

trans-1,3-Dichloropropene

Concen: 0.965 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

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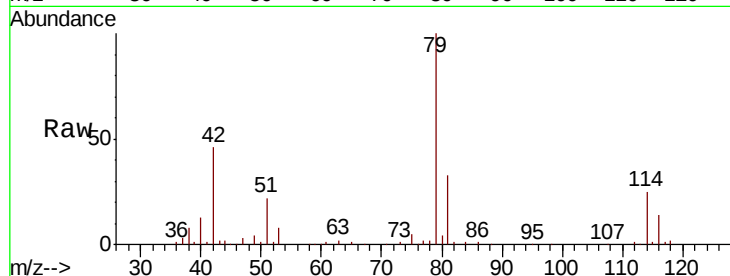
VHBLK01

Tot Ion: 75 Resp: 3875

Ion Ratio Lower Upper

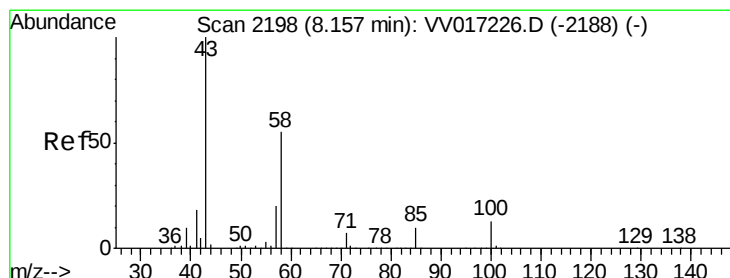
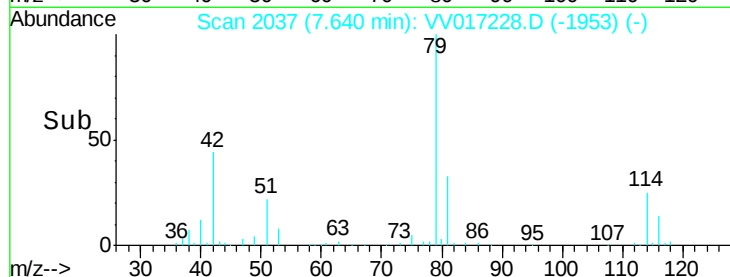
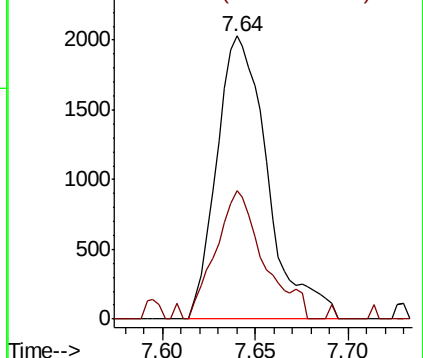
75 100

77 45.3 21.7 40.3#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#48

2-Hexanone

Concen: 4.919 ug/L

RT: 8.11 min Scan# 2182

Delta R.T. -0.05 min

Lab File: VV017228.D

Acq: 29 Jun 2020 10:13

Tgt Ion: 43 Resp: 14374

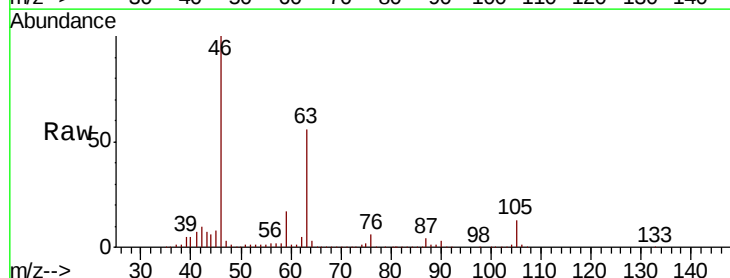
Ion Ratio Lower Upper

43 100

58 30.0 43.1 64.7#

57 23.7 15.3 22.9#

100 1.2 10.0 15.0#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0

