

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062920\
 Data File : VV017234.D
 Acq On : 29 Jun 2020 12:33
 Operator : SY/MD
 Sample : L3133-13
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Jun 30 07:43:06 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	356367	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	331916	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	159546	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	95233	37.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.74%
7) Chloroethane-d5	1.58	69	73124	48.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.92%
11) 1,1-Dichloroethene-d2	2.19	63	194	0.05	ug/L	0.07
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.10%#
21) 2-Butanone-d5	3.91	46	165525	88.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.94%
24) Chloroform-d	4.38	84	239796	46.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.06	65	172886	49.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.42%
32) Benzene-d6	5.08	84	441318	46.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.24%
36) 1,2-Dichloropropane-d6	6.09	67	131356	44.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.08%
41) Toluene-d8	7.34	98	410043	46.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	7.64	79	69783	44.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.84%
47) 2-Hexanone-d5	8.11	63	105937	81.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.47%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	177576	44.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.96%
64) 1,2-Dichlorobenzene-d4	11.65	152	170182	49.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.96%

Target Compounds

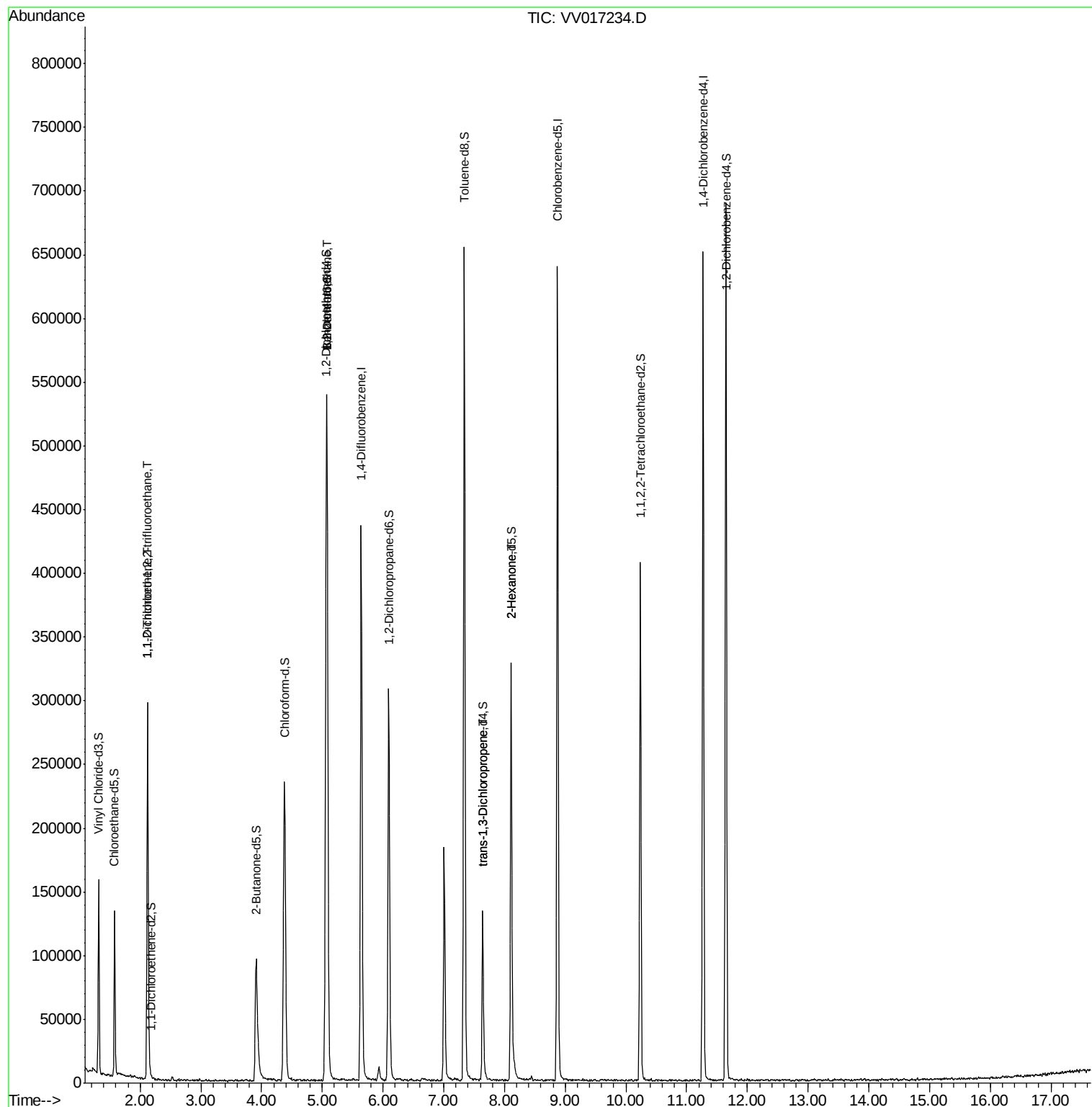
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1672	0.882 ug/L #	17
12) 1,1-Dichloroethene	2.12	96	1306	0.738 ug/L #	1
27) 1,2-Dichloroethane	5.08	62	2973	0.760 ug/L	100
44) trans-1,3-Dichloropropene	7.64	75	3691	0.957 ug/L	92
48) 2-Hexanone	8.11	43	14873	5.300 ug/L #	58

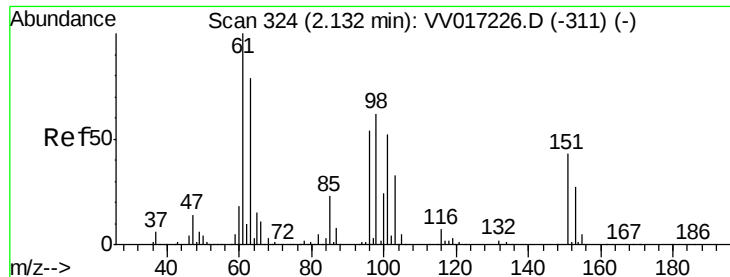
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.882 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

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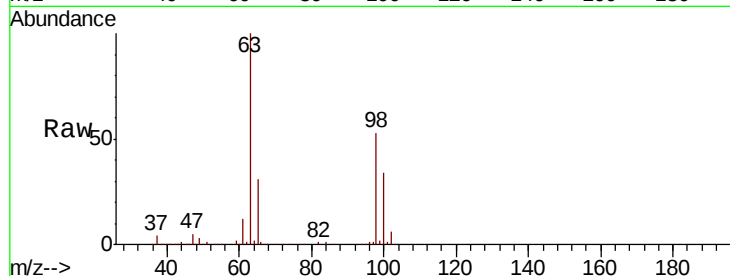
Tot Ion:101 Resp: 1672

Ion Ratio Lower Upper

101 100

85 0.0 35.5 53.3#

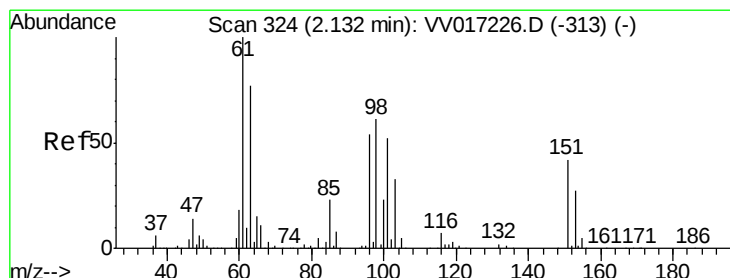
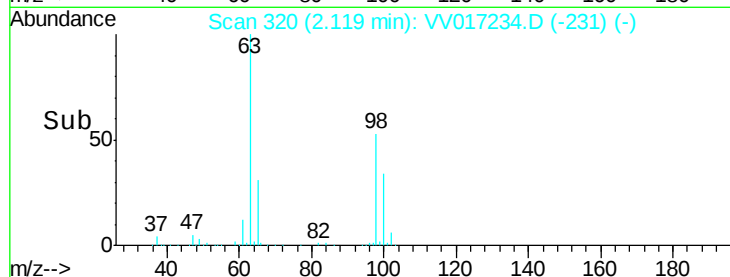
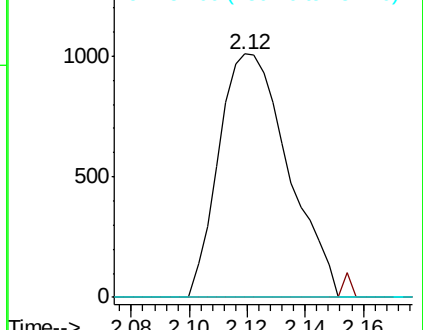
151 0.0 63.9 95.9#



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: 0.738 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017234.D

Acq: 29 Jun 2020 12:33

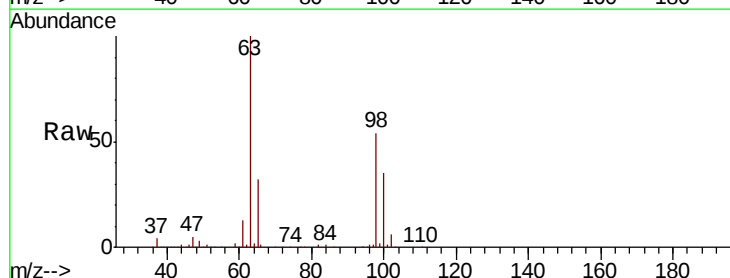
Tgt Ion: 96 Resp: 1306

Ion Ratio Lower Upper

96 100

61 1606.7 130.4 242.2#

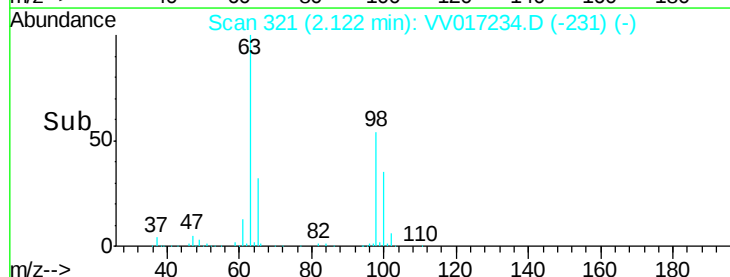
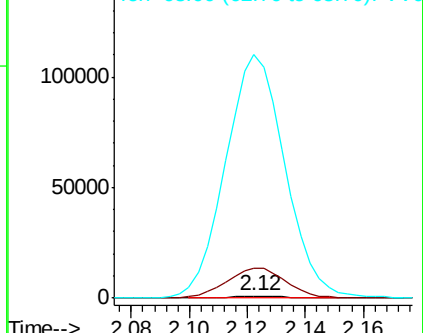
63 12842.0 103.3 191.9#

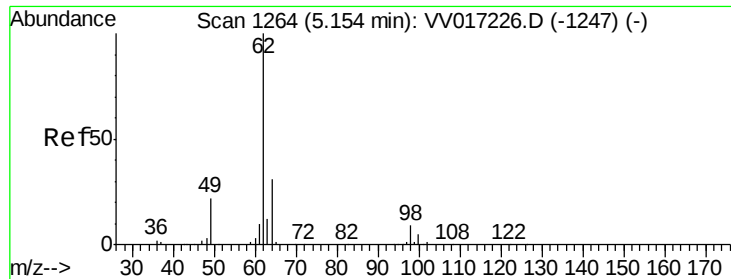


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#27

1,2-Dichloroethane

Concen: 0.760 ug/L

RT: 5.08 min Scan# 1240

Delta R.T. -0.08 min

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Acq: 29 Jun 2020 12:33

Instrument :

MSVOA_V

ClientSampleId :

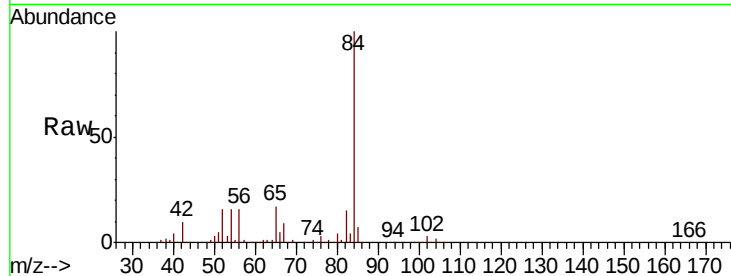
VHBLK01

Tot Ion: 62 Resp: 2973

Ion Ratio Lower Upper

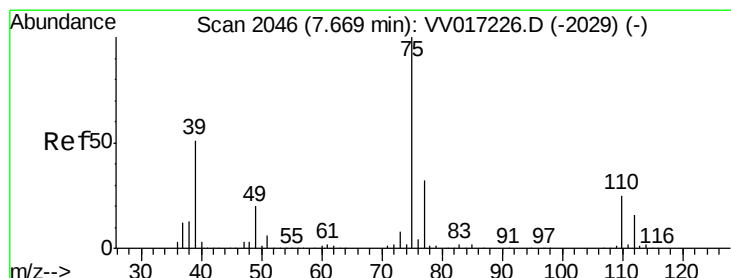
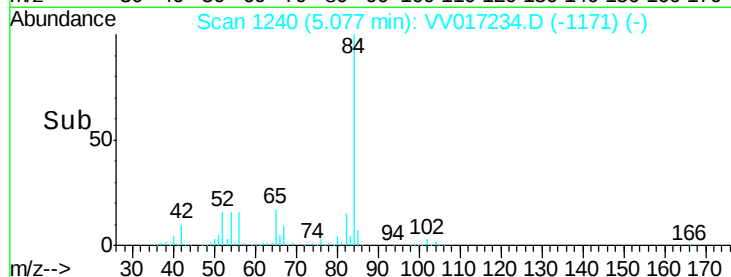
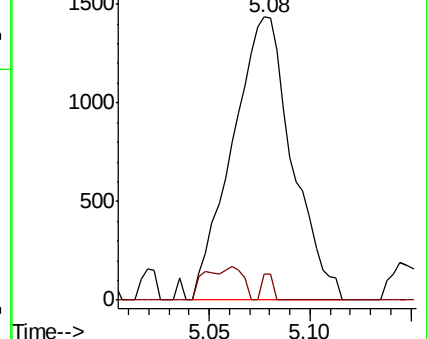
62 100

98 9.2 7.4 11.2



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.957 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV017234.D

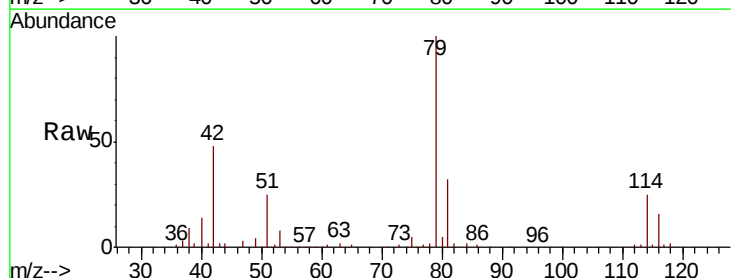
Acq: 29 Jun 2020 12:33

Tgt Ion: 75 Resp: 3691

Ion Ratio Lower Upper

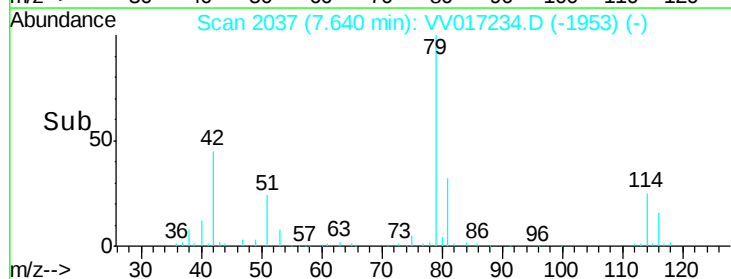
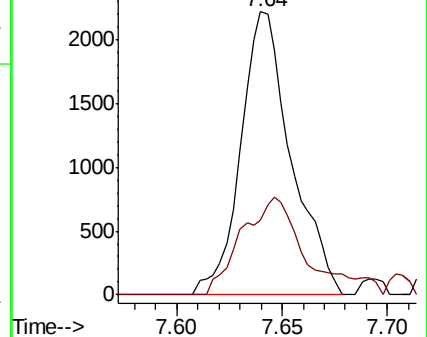
75 100

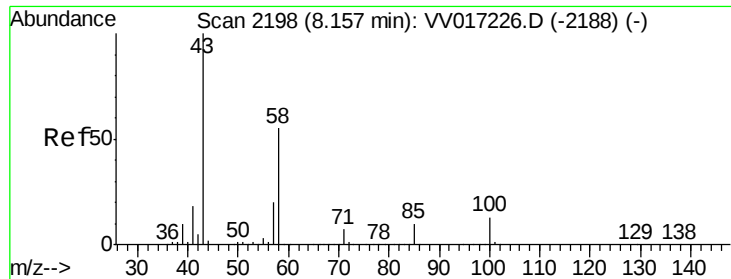
77 26.6 21.7 40.3



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#48

2-Hexanone

Concen: 5.300 ug/L

RT: 8.11 min Scan# 2183

Delta R.T. -0.05 min

Lab File: VV017234.D

Acq: 29 Jun 2020 12:33

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tot Ion: 43 Resp: 14873

Ion Ratio Lower Upper

43 100

58 15.8 43.1 64.7#

57 27.5 15.3 22.9#

100 0.9 10.0 15.0#

