

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080820\
 Data File : VV017863.D
 Acq On : 08 Aug 2020 18:59
 Operator : SY/MD
 Sample : L3590-16
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Aug 10 05:10:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 10 05:09:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	246365	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	232487	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	121885	50.00	ug/L	0.00

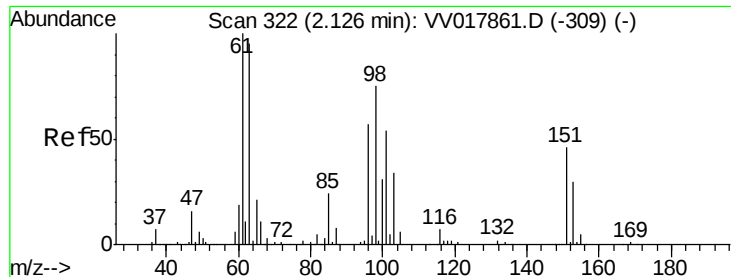
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	63475	49.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.78%
7) Chloroethane-d5	1.58	69	56998	52.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.46%
11) 1,1-Dichloroethene-d2	2.12	63	114599	37.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.98%
21) 2-Butanone-d5	3.91	46	86679	108.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.80%
24) Chloroform-d	4.38	84	165535	49.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.24%
26) 1,2-Dichloroethane-d4	5.06	65	127523	52.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.22%
32) Benzene-d6	5.07	84	285061	53.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.20%
36) 1,2-Dichloropropane-d6	6.09	67	72308	53.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.24%
41) Toluene-d8	7.34	98	281009	52.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.16%
43) trans-1,3-Dichloropropene-	7.64	79	43399	49.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.02%
47) 2-Hexanone-d5	8.11	63	50103	101.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.63%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	104761	49.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.74%
64) 1,2-Dichlorobenzene-d4	11.65	152	128080	51.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.10%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1066	0.677 ug/L #	16
12) 1,1-Dichloroethene	2.12	96	1046	0.721 ug/L #	1
37) 1,2-Dichloropropane	6.09	63	10964	9.118 ug/L #	79
39) cis-1,3-Dichloropropene	7.00	75	3147	1.522 ug/L #	73
44) trans-1,3-Dichloropropene	7.64	75	2349	1.081 ug/L	85
48) 2-Hexanone	8.17	43	4145	3.156 ug/L #	61
59) 1,2,3-Trichloropropane	11.27	75	10056	5.431 ug/L #	71

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



#10

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

Concen: 0.677 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017863.D

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MSVOA_V

ClientSampleId :

VHBLK01

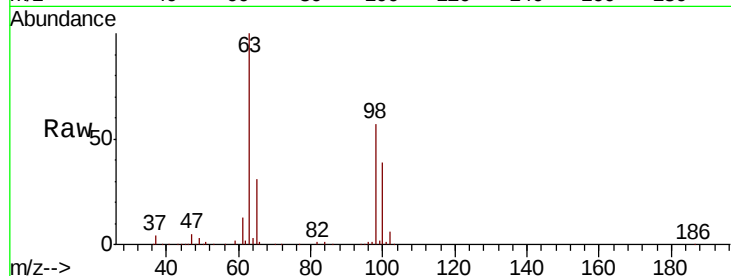
Tot Ion:101 Resp: 1066

Ion Ratio Lower Upper

101 100

85 3.9 35.0 52.6#

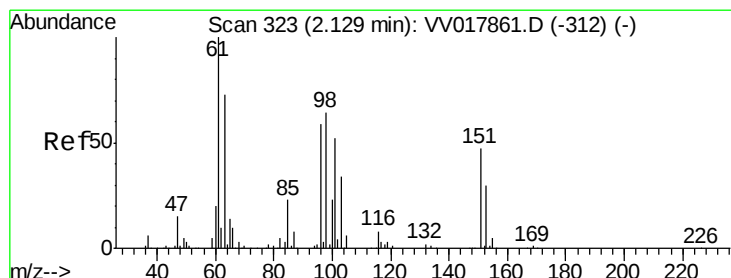
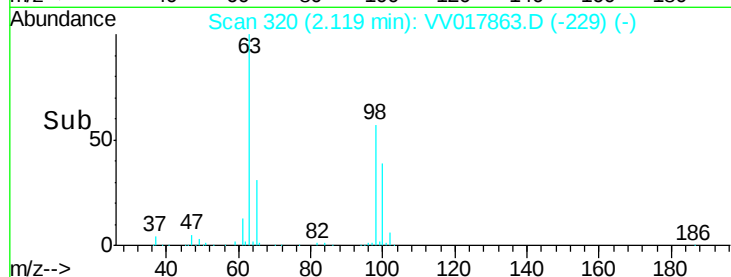
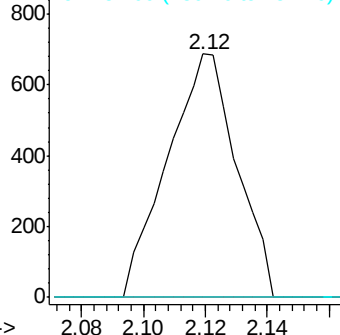
151 0.0 71.0 106.6#



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: 0.721 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017863.D

Acq: 08 Aug 2020 18:59

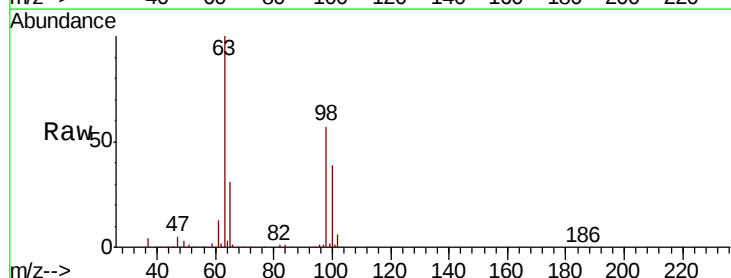
Tgt Ion: 96 Resp: 1046

Ion Ratio Lower Upper

96 100

61 1286.4 121.1 224.9#

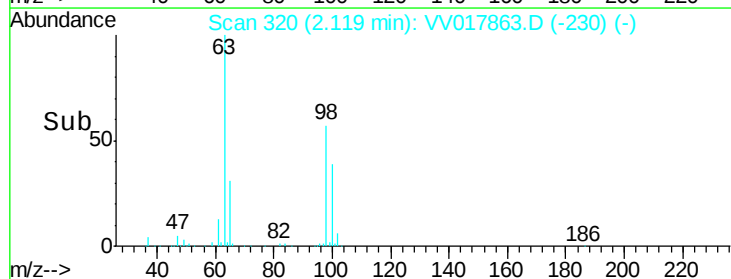
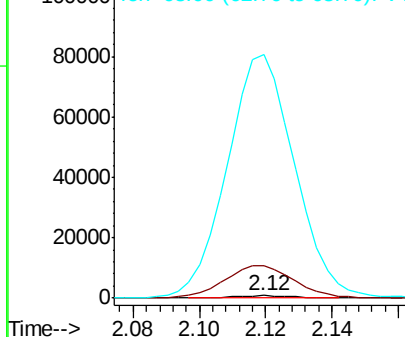
63 9653.6 98.1 182.1#

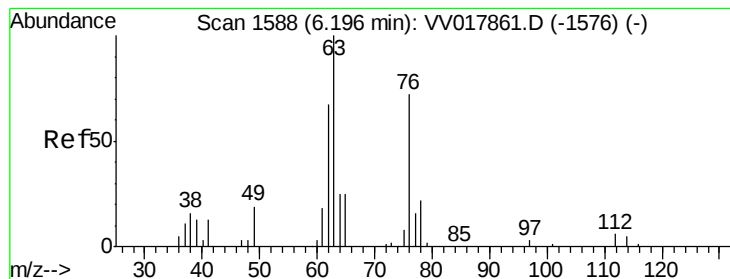


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#37

1,2-Dichloropropane

Concen: 9.118 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV017863.D

Acq: 08 Aug 2020 18:59

Instrument :

MSVOA_V

ClientSampleId :

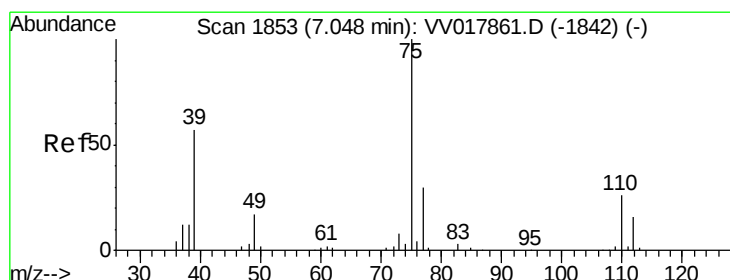
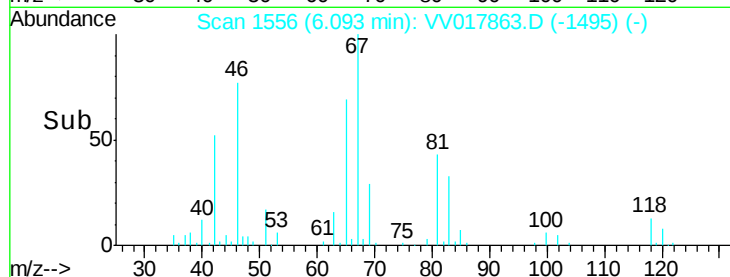
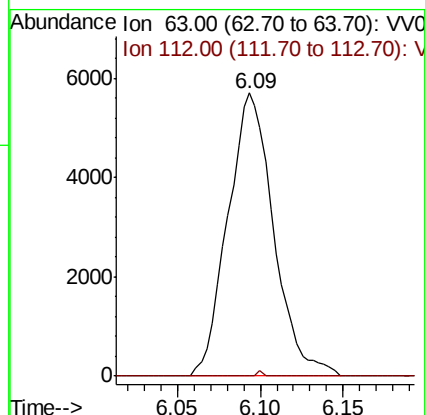
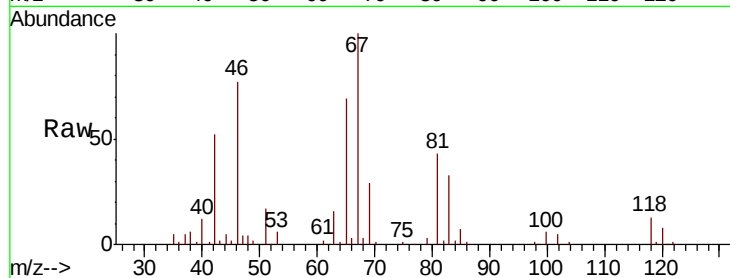
VHBLK01

Tot Ion: 63 Resp: 10964

Ion Ratio Lower Upper

63 100

112 0.0 5.8 8.6#



#39

cis-1,3-Dichloropropene

Concen: 1.522 ug/L

RT: 7.00 min Scan# 1839

Delta R.T. -0.05 min

Lab File: VV017863.D

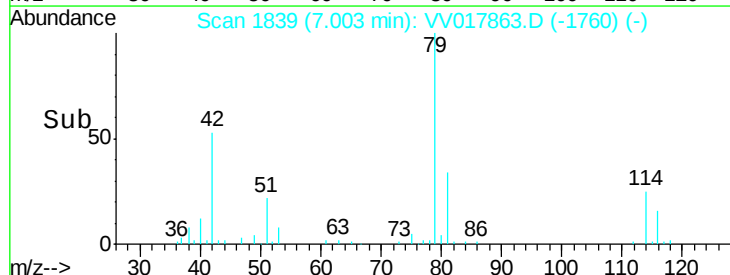
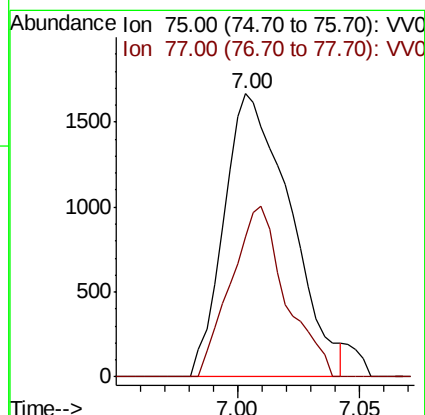
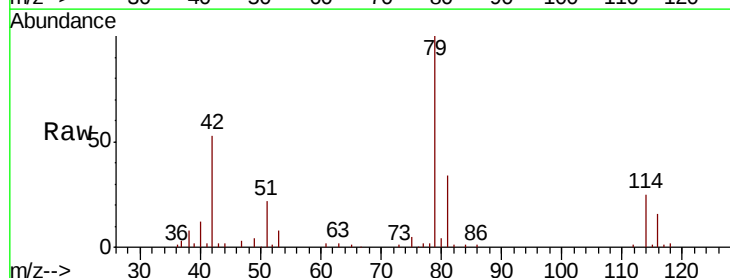
Acq: 08 Aug 2020 18:59

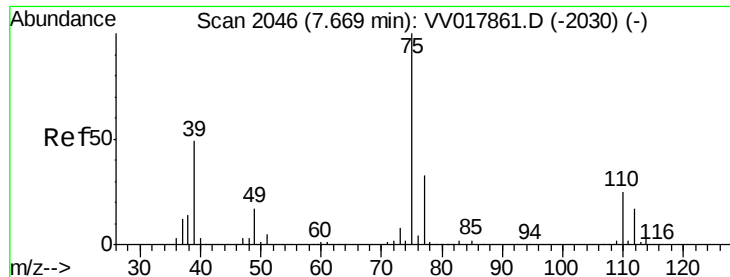
Tgt Ion: 75 Resp: 3147

Ion Ratio Lower Upper

75 100

77 49.5 23.7 44.1#





#44

trans-1,3-Dichloropropene

Concen: 1.081 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV017863.D

Acq: 08 Aug 2020 18:59

Instrument :

MSVOA_V

ClientSampleId :

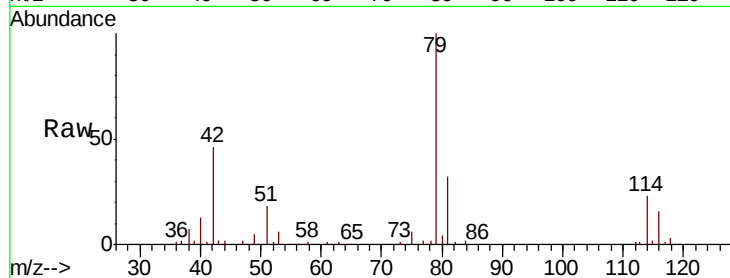
VHBLK01

Tot Ion: 75 Resp: 2349

Ion Ratio Lower Upper

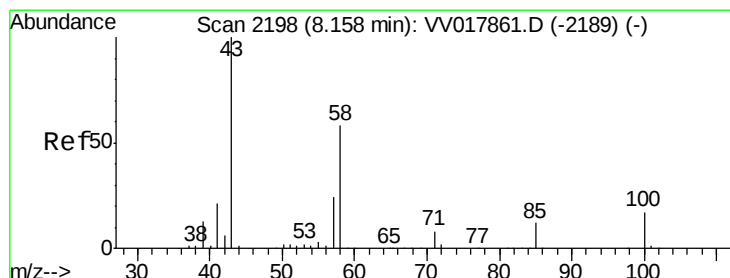
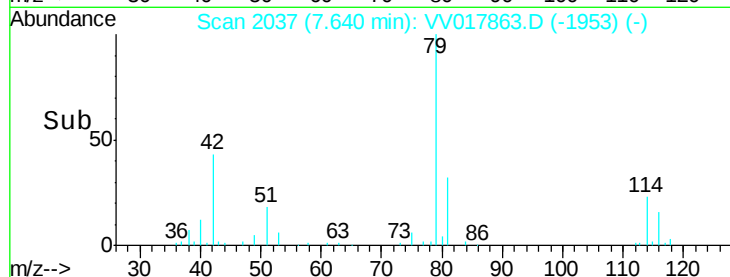
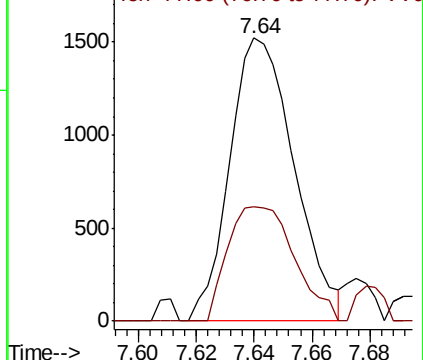
75 100

77 40.3 22.3 41.5



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#48

2-Hexanone

Concen: 3.156 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV017863.D

Acq: 08 Aug 2020 18:59

Tgt Ion: 43 Resp: 4145

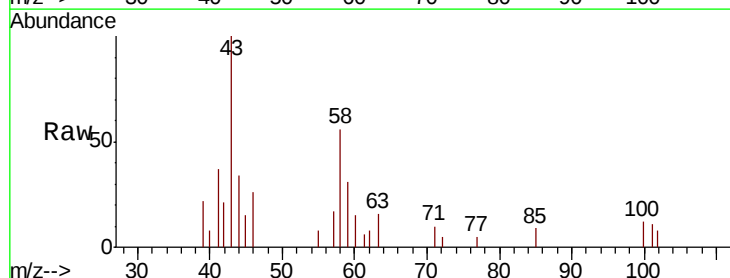
Ion Ratio Lower Upper

43 100

58 27.0 43.8 65.8#

57 0.0 18.0 27.0#

100 4.1 13.8 20.8#

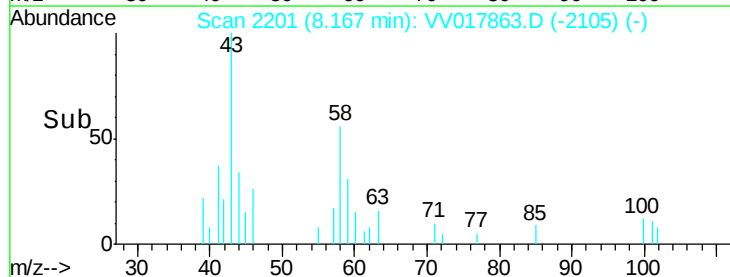
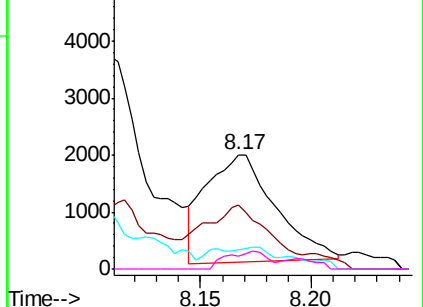


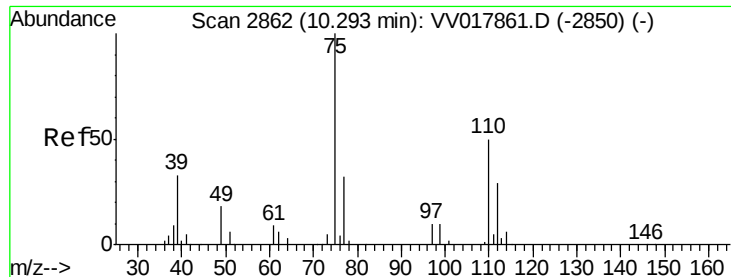
Abundance Ion 43.00 (42.70 to 43.70): VV0

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





#59

1,2,3-Trichloropropane

Concen: 5.431 ug/L

RT: 11.27 min Scan# 3165

Delta R.T. 0.97 min

Lab File: VV017863.D

Acq: 08 Aug 2020 18:59

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

Tot Ion: 75 Resp: 10056

Ion Ratio Lower Upper

75 100

77 49.3 26.4 39.6#

