

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081420\
 Data File : VV017991.D
 Acq On : 14 Aug 2020 12:43
 Operator : SY/MD
 Sample : L3616-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Aug 17 01:35:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 17 01:31:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	251639	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	246173	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	118635	50.00	ug/L	0.00

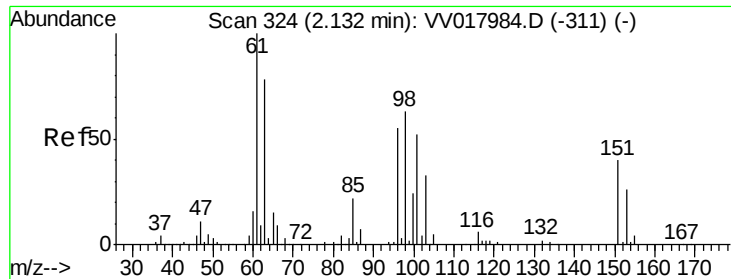
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	100001	52.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.16%
7) Chloroethane-d5	1.58	69	82810	52.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.44%
11) 1,1-Dichloroethene-d2	2.12	63	147120	40.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.12%
21) 2-Butanone-d5	3.91	46	117658	93.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.56%
24) Chloroform-d	4.38	84	171372	49.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.06%
26) 1,2-Dichloroethane-d4	5.06	65	118564	52.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.46%
32) Benzene-d6	5.08	84	348527	51.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.74%
36) 1,2-Dichloropropane-d6	6.09	67	111926	50.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.92%
41) Toluene-d8	7.34	98	305472	50.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.14%
43) trans-1,3-Dichloropropene-	7.64	79	49449	49.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.30%
47) 2-Hexanone-d5	8.11	63	57951	81.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.42%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	132223	45.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.56%
64) 1,2-Dichlorobenzene-d4	11.65	152	124591	53.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.72%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1186	0.665 ug/L #	20
25) Chloroform	4.40	83	2610	0.733 ug/L	88
35) Methylcyclohexane	6.09	83	25713	8.589 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	12459	5.998 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2789	0.947 ug/L #	60
48) 2-Hexanone	8.16	43	7635	3.487 ug/L #	75
59) 1,2,3-Trichloropropane	11.27	75	14003	5.459 ug/L #	87

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



#10

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

Concen: 0.665 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017991.D

Acq: 14 Aug 2020 12:43

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

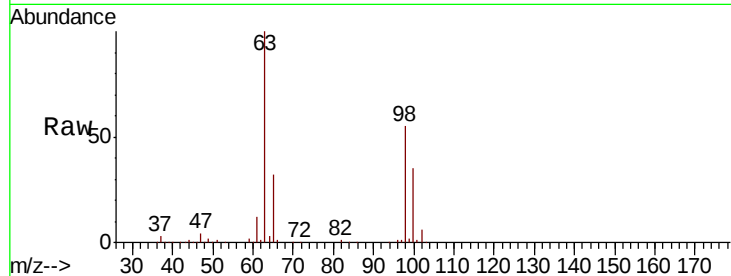
Tot Ion:101 Resp: 1186

Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

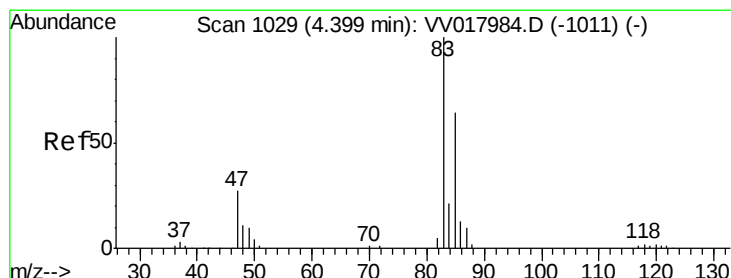
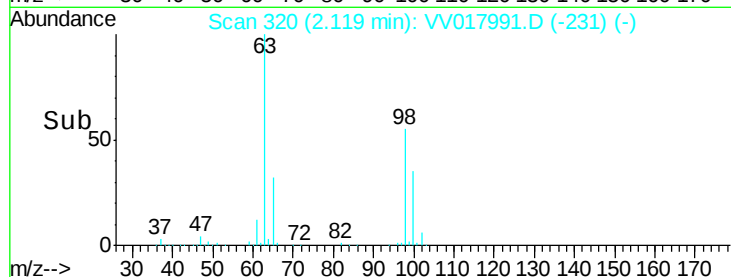
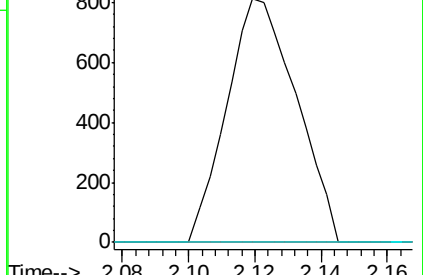
151 0.0 59.1 88.7#



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



#25

Chloroform

Concen: 0.733 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VV017991.D

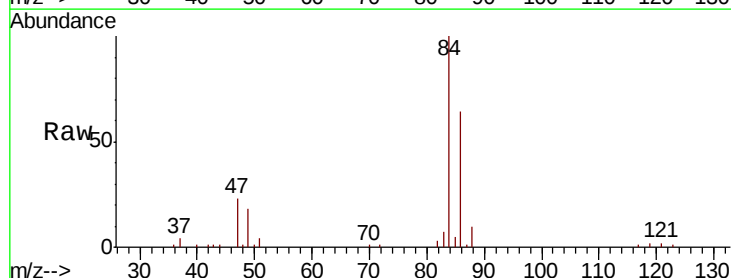
Acq: 14 Aug 2020 12:43

Tgt Ion: 83 Resp: 2610

Ion Ratio Lower Upper

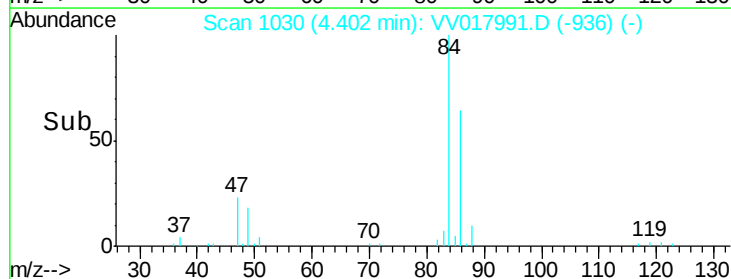
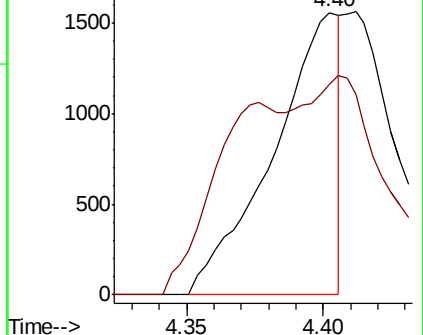
83 100

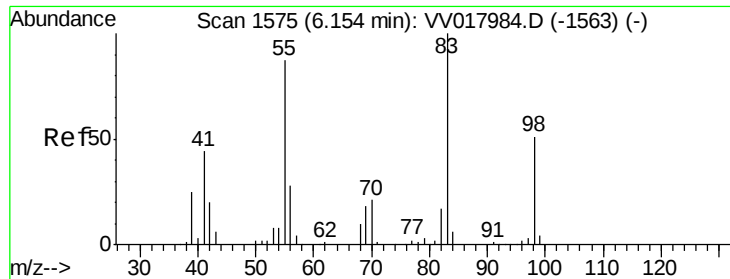
85 74.7 45.5 84.5



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

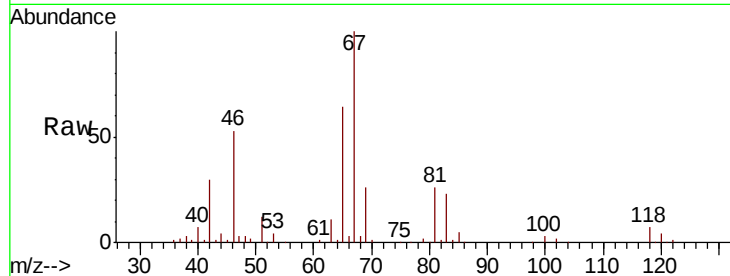




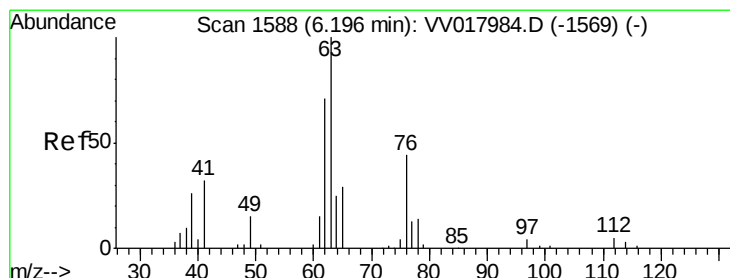
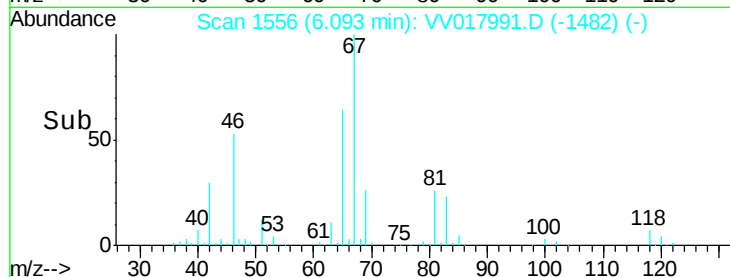
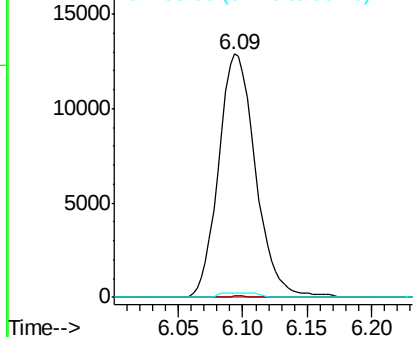
#35
Methvlcvclohexane
Concen: 8.589 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017991.D
Acq: 14 Aug 2020 12:43

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tot Ion: 83 Resp: 25713
Ion Ratio Lower Upper
83 100
55 0.2 64.9 97.3#
98 1.1 38.7 58.1#

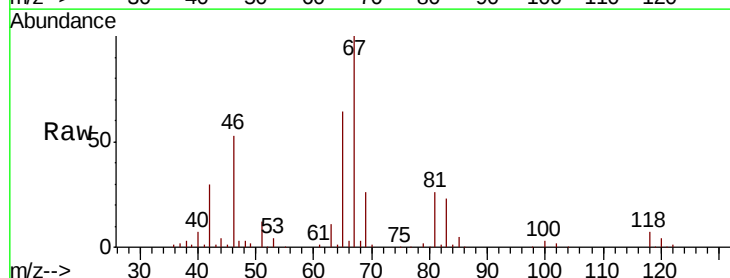


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

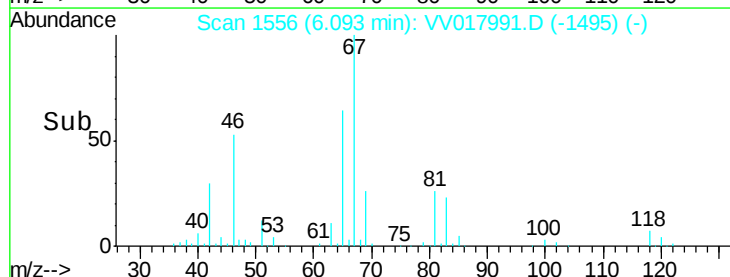
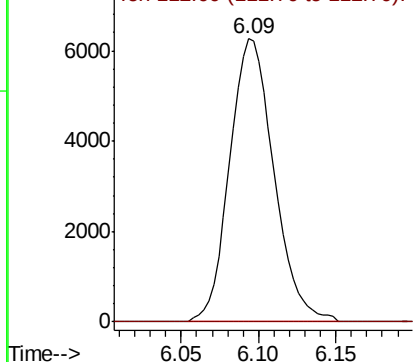


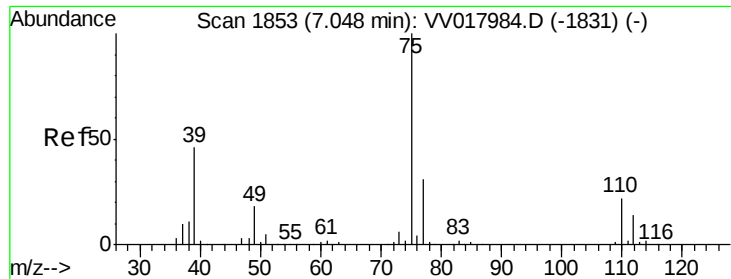
#37
1,2-Dichloropropane
Concen: 5.998 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV017991.D
Acq: 14 Aug 2020 12:43

Tgt Ion: 63 Resp: 12459
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V

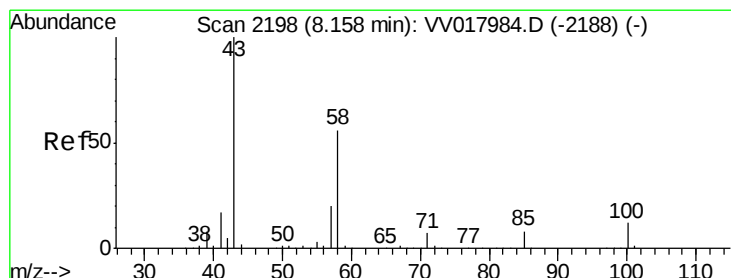
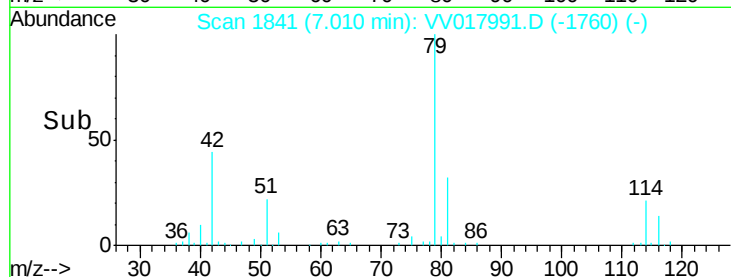
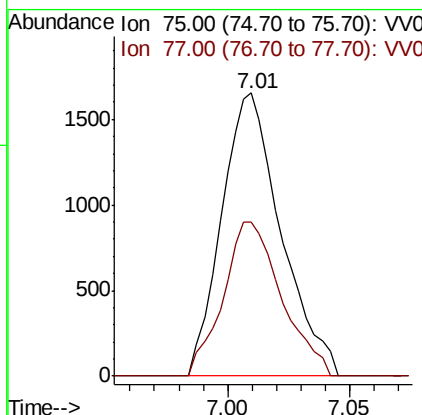
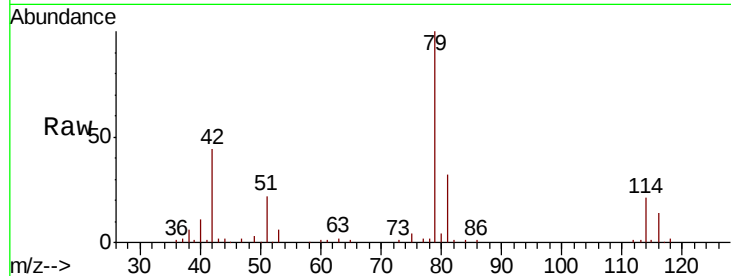




#39
 cis-1,3-Dichloropropene
 Concen: 0.947 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV017991.D
 Acq: 14 Aug 2020 12:43

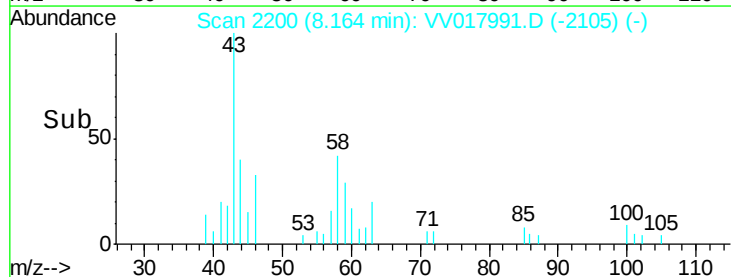
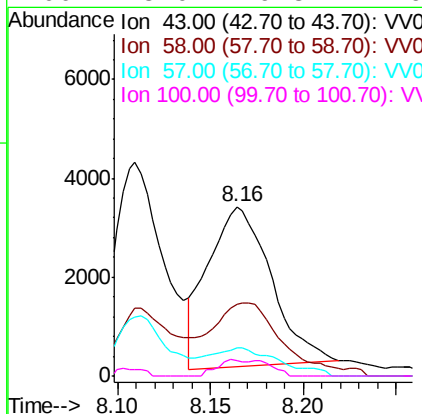
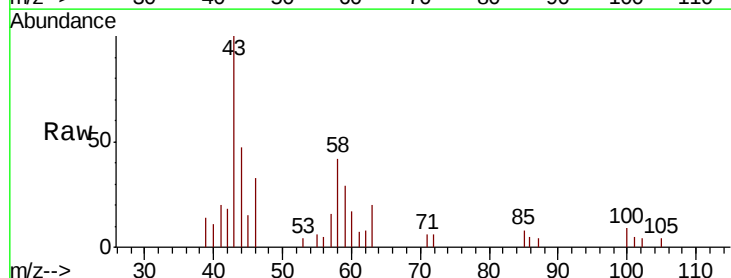
Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

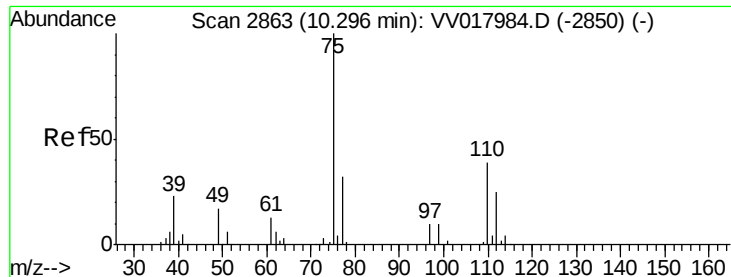
Tot Ion: 75 Resp: 2789
 Ion Ratio Lower Upper
 75 100
 77 54.4 22.3 41.5#



#48
 2-Hexanone
 Concen: 3.487 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV017991.D
 Acq: 14 Aug 2020 12:43

Tgt Ion: 43 Resp: 7635
 Ion Ratio Lower Upper
 43 100
 58 40.1 44.4 66.6#
 57 0.0 15.2 22.8#
 100 5.0 9.8 14.6#





#59

1,2,3-Trichloropropane

Concen: 5.459 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV017991.D

Acq: 14 Aug 2020 12:43

Instrument :

MSVOA_V

ClientSampleId :

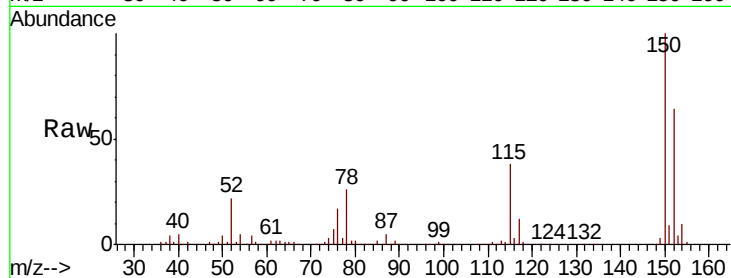
VHBLK01

Tot Ion: 75 Resp: 14003

Ion Ratio Lower Upper

75 100

77 39.5 25.7 38.5#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

