

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080720\
 Data File : VV017828.D
 Acq On : 07 Aug 2020 10:36
 Operator : SY/MD
 Sample : VV0807WBL01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 08 00:24:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 08 00:22:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	235780	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	231714	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	132856	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44904	39.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.12%
7) Chloroethane-d5	1.58	69	44241	45.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.14%
11) 1,1-Dichloroethene-d2	2.12	63	92808	33.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.18%
21) 2-Butanone-d5	3.91	46	83723	96.84	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.84%
24) Chloroform-d	4.37	84	150899	48.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.04%
26) 1,2-Dichloroethane-d4	5.06	65	118571	51.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.32%
32) Benzene-d6	5.08	84	247800	45.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.09	67	66465	43.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.80%
41) Toluene-d8	7.34	98	254149	47.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.56%
43) trans-1,3-Dichloropropene-	7.64	79	43507	43.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.96%
47) 2-Hexanone-d5	8.11	63	55203	84.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.83%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	101971	44.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.22%
64) 1,2-Dichlorobenzene-d4	11.65	152	130567	50.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.14%

Target Compounds

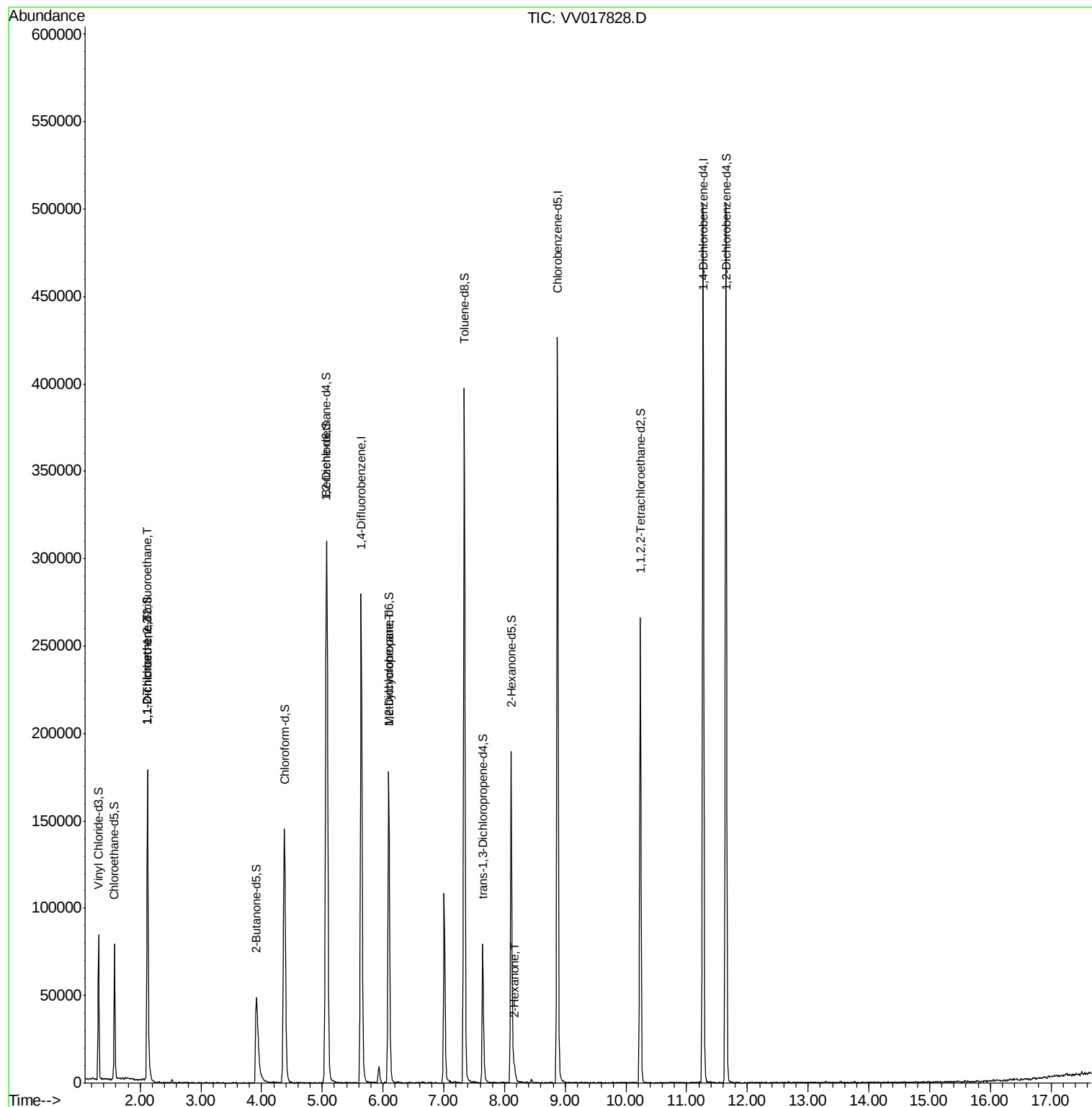
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1022	0.672 ug/L #	19
12) 1,1-Dichloroethene	2.12	96	987	0.696 ug/L #	1
35) Methylcyclohexane	6.09	83	22322	8.519 ug/L #	19
48) 2-Hexanone	8.16	43	4752	2.975 ug/L #	60

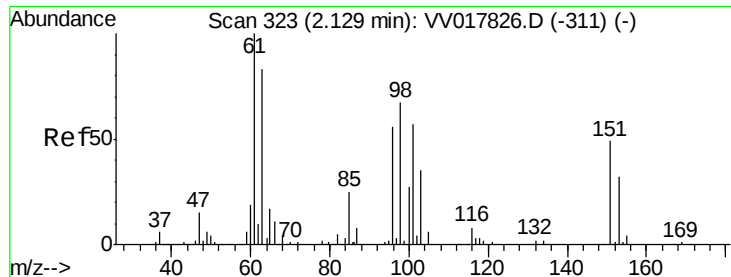
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.672 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017828.D

Acq: 07 Aug 2020 10:36

Instrument :

MSVOA_V

ClientSampleId :

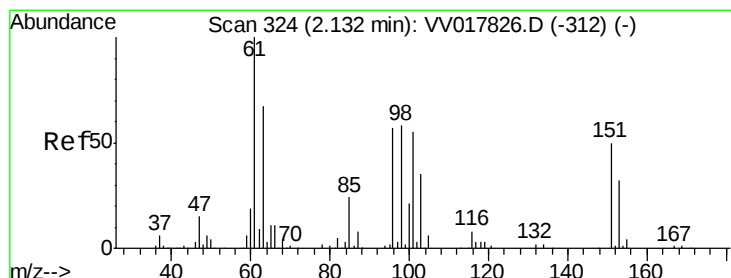
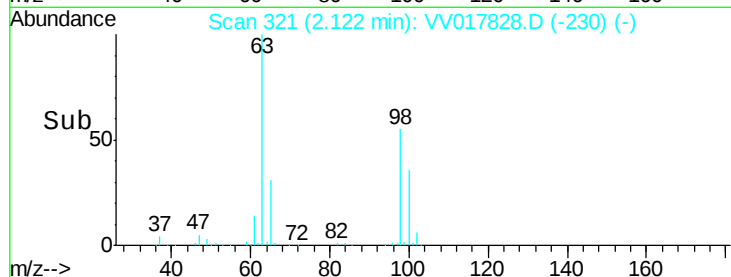
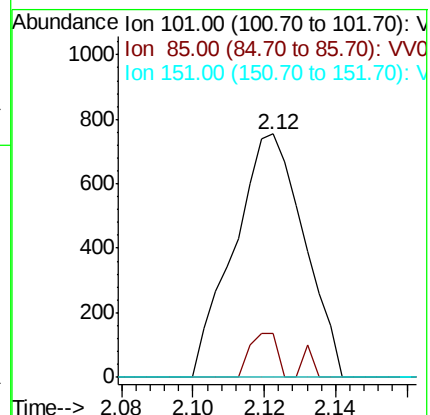
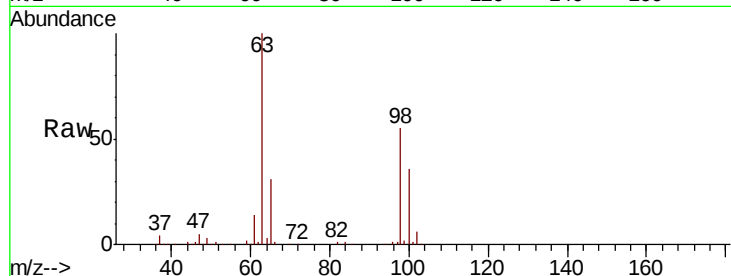
Tot Ion:101 Resp: 1022

Ion Ratio Lower Upper

101 100

85 7.0 37.2 55.8#

151 0.0 68.2 102.2#



#12

1,1-Dichloroethene

Concen: 0.696 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017828.D

Acq: 07 Aug 2020 10:36

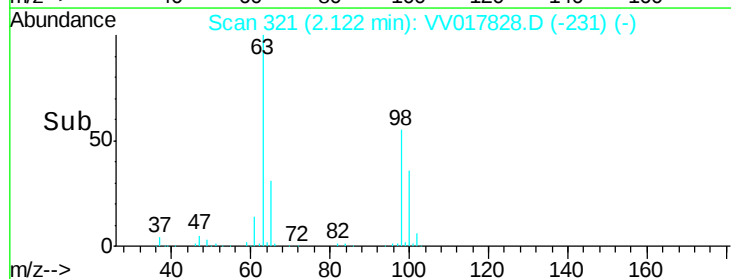
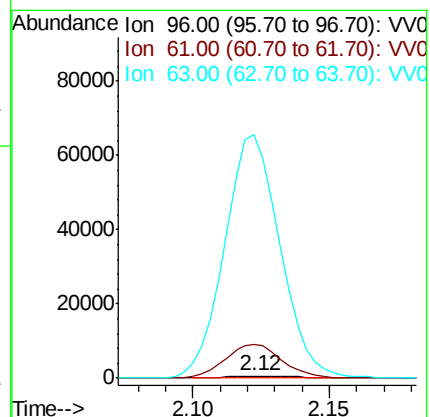
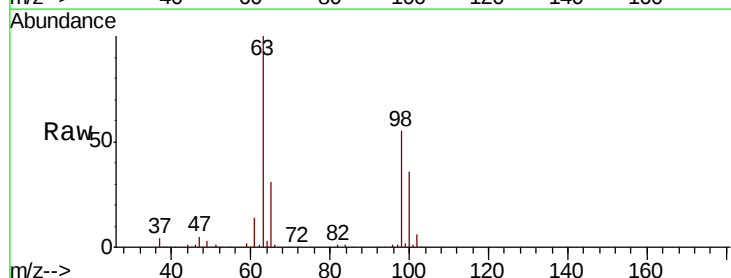
Tgt Ion: 96 Resp: 987

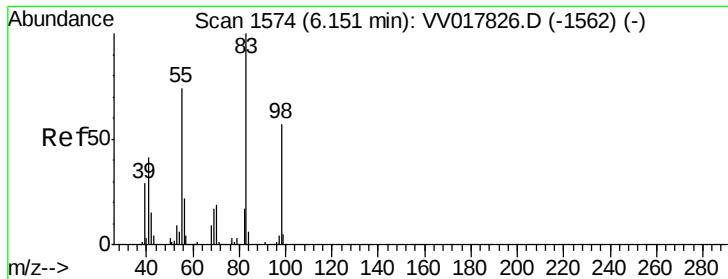
Ion Ratio Lower Upper

96 100

61 1608.0 131.0 243.2#

63 11411.5 88.5 164.3#

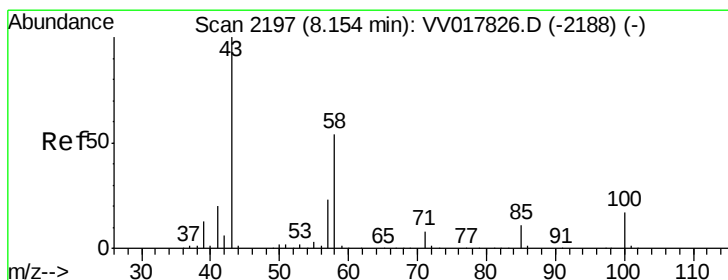
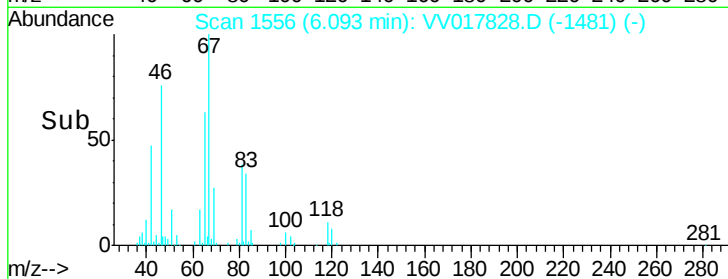
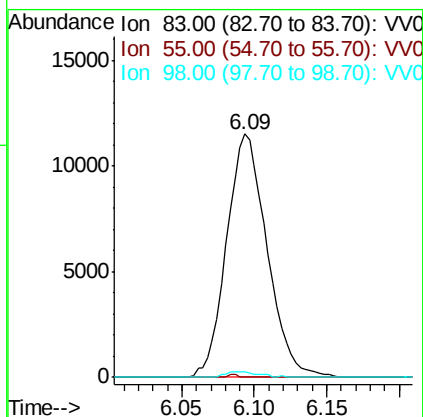
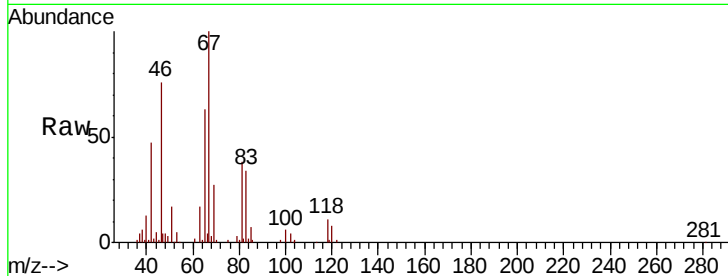




#35
Methvlcvclohexane
Concen: 8.519 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017828.D
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Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 22322
Ion Ratio Lower Upper
83 100
55 0.2 59.4 89.2#
98 1.6 41.2 61.8#



#48
2-Hexanone
Concen: 2.975 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV017828.D
Acq: 07 Aug 2020 10:36

Tgt Ion: 43 Resp: 4752
Ion Ratio Lower Upper
43 100
58 18.9 42.8 64.2#
57 6.6 16.6 24.8#
100 4.4 11.6 17.4#

