

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062920\
 Data File : VV017230.D
 Acq On : 29 Jun 2020 11:00
 Operator : SY/MD
 Sample : L3118-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Jun 30 07:42:30 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	357718	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	335503	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	163631	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	93093	36.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.76%
7) Chloroethane-d5	1.58	69	69660	45.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.98%
11) 1,1-Dichloroethene-d2	2.12	63	153740	36.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.54%
21) 2-Butanone-d5	3.91	46	165904	88.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.80%
24) Chloroform-d	4.38	84	235117	45.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.62%
26) 1,2-Dichloroethane-d4	5.06	65	173060	49.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.14%
32) Benzene-d6	5.08	84	440424	45.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.08%
36) 1,2-Dichloropropane-d6	6.09	67	134750	44.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.40%
41) Toluene-d8	7.34	98	408234	46.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	7.64	79	70895	45.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.30%
47) 2-Hexanone-d5	8.11	63	109543	83.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.35%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	175596	44.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	168971	48.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.78%

Target Compounds

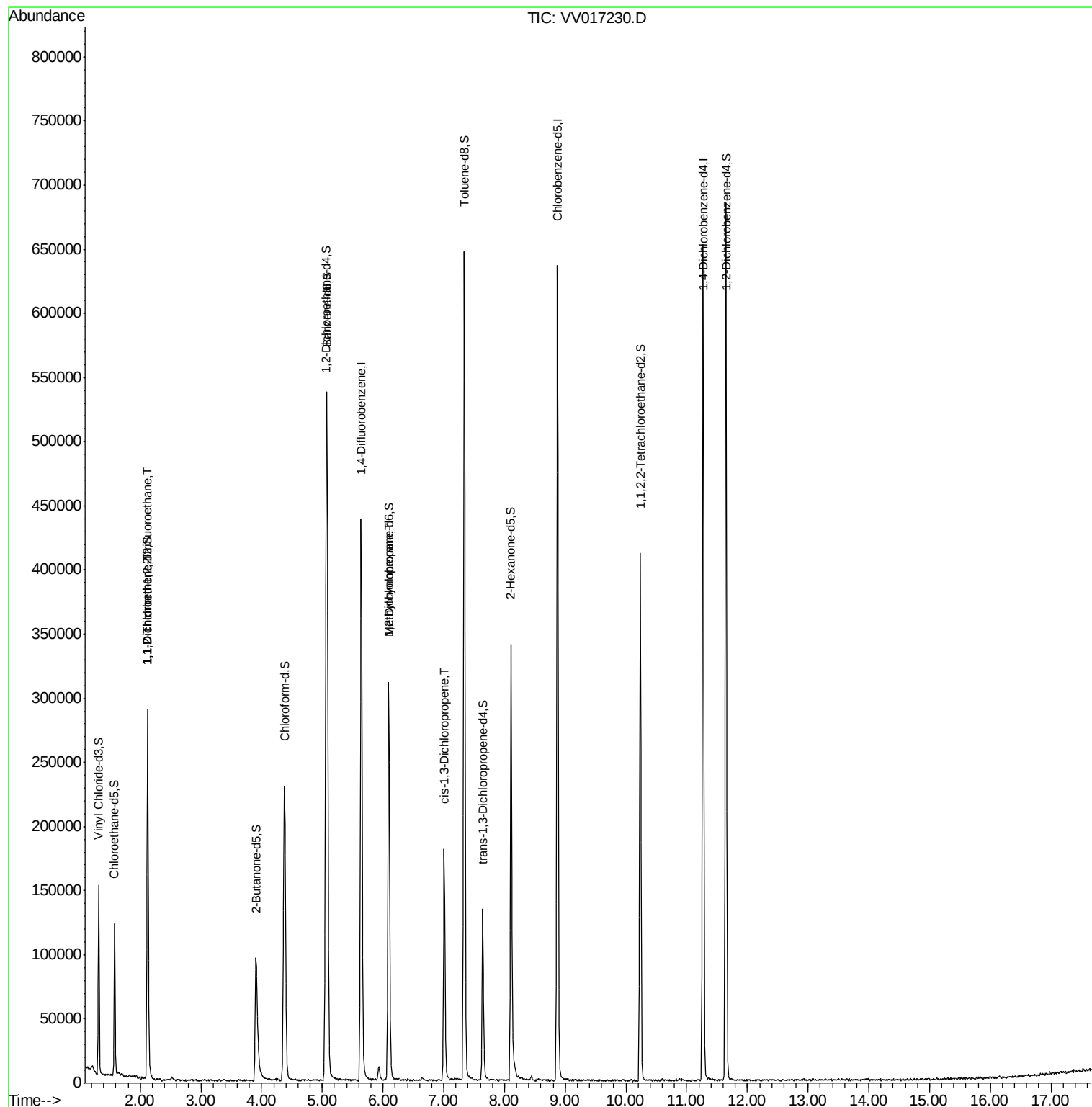
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1560	0.820 ug/L #	19
12) 1,1-Dichloroethene	2.12	96	1422	0.801 ug/L #	1
35) Methylcyclohexane	6.09	83	35578	8.519 ug/L #	17
39) cis-1,3-Dichloropropene	7.01	75	5088	1.269 ug/L #	68

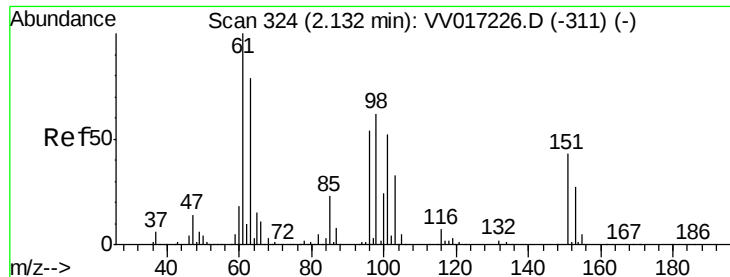
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.820 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017230.D

Acq: 29 Jun 2020 11:00

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

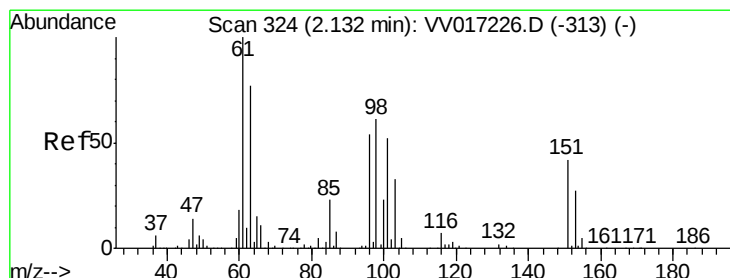
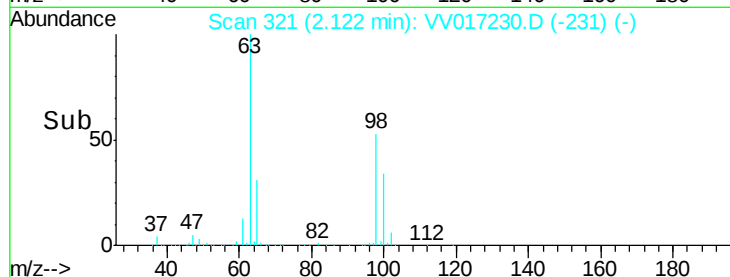
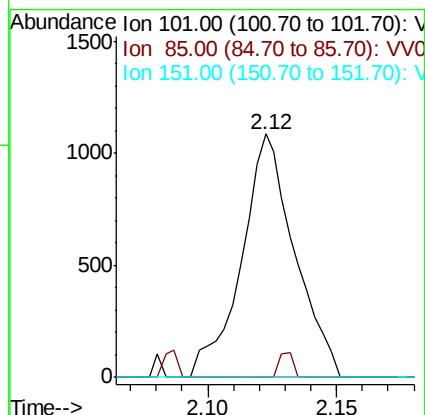
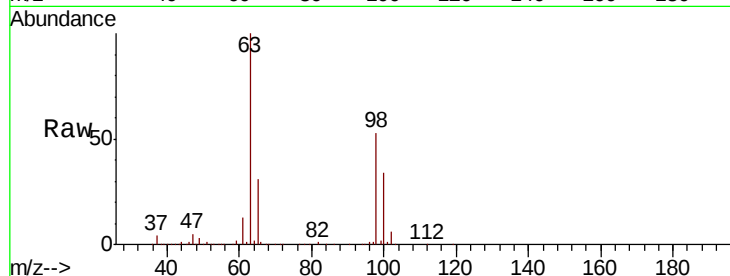
Tot Ion:101 Resp: 1560

Ion Ratio Lower Upper

101 100

85 2.6 35.5 53.3#

151 0.0 63.9 95.9#



#12

1,1-Dichloroethene

Concen: 0.801 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017230.D

Acq: 29 Jun 2020 11:00

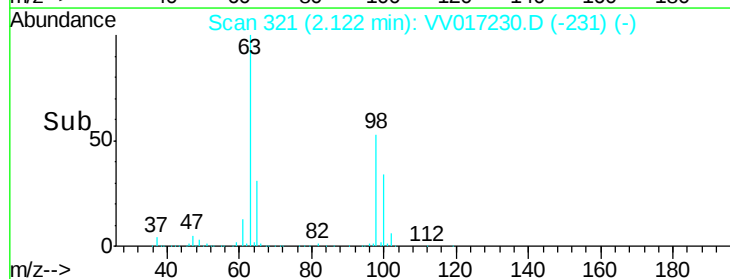
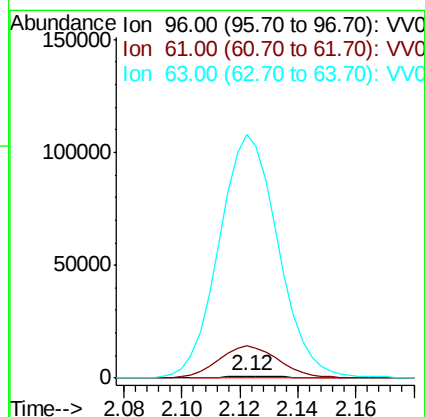
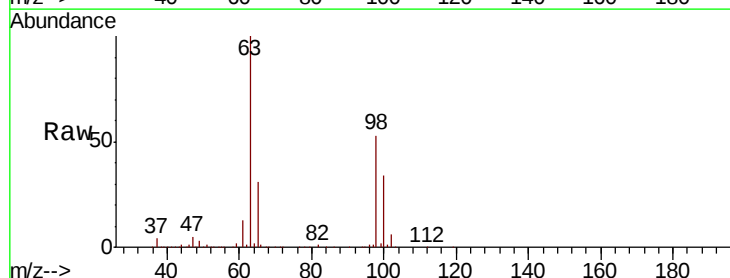
Tgt Ion: 96 Resp: 1422

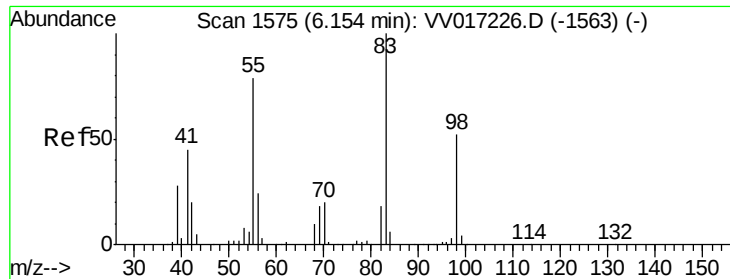
Ion Ratio Lower Upper

96 100

61 1406.3 130.4 242.2#

63 10700.8 103.3 191.9#

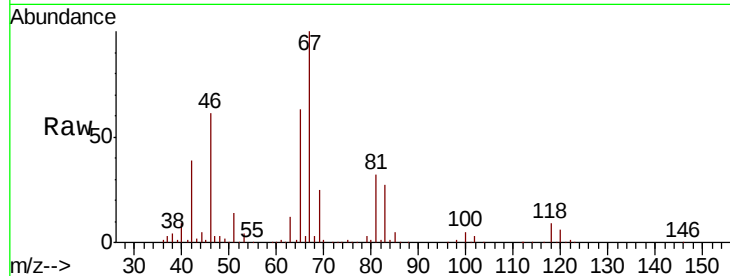




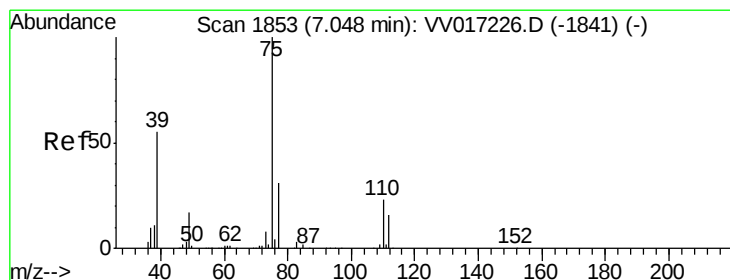
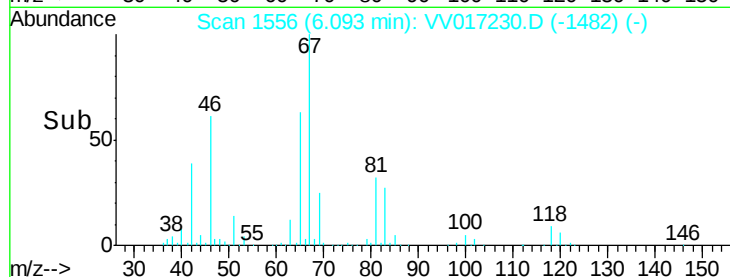
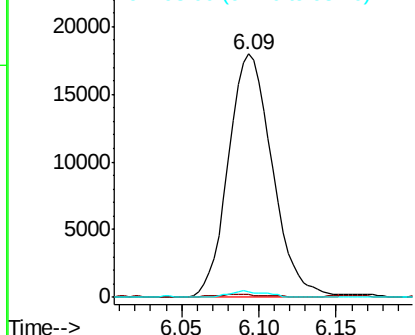
#35
Methylcyclohexane
Concen: 8.519 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
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Tot Ion: 83 Resp: 35578
Ion Ratio Lower Upper
83 100
55 0.7 64.2 96.2#
98 1.5 40.3 60.5#

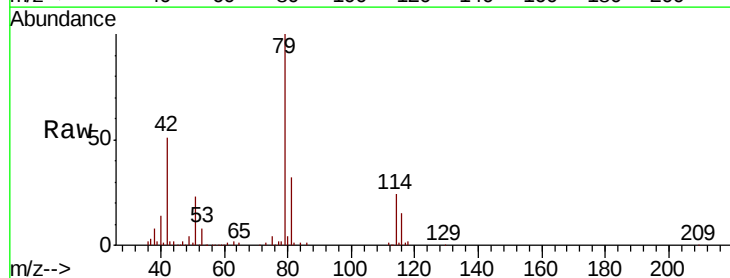


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0



#39
cis-1,3-Dichloropropene
Concen: 1.269 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV017230.D
Acq: 29 Jun 2020 11:00

Tgt Ion: 75 Resp: 5088
Ion Ratio Lower Upper
75 100
77 50.3 22.7 42.1#



Abundance Ion 75.00 (74.70 to 75.70): VV0
Ion 77.00 (76.70 to 77.70): VV0

