

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062320\
 Data File : VV017033.D
 Acq On : 22 Jun 2020 21:45
 Operator : SY/MD
 Sample : L3067-14
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXH1

Quant Time: Jun 23 06:22:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 23 04:53:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	182852	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	175780	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	87213	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45838	4.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.60%
7) Chloroethane-d5	1.58	69	38419	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.12	63	75963	3.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.80%
20) 2-Butanone-d5	3.92	46	139017	49.70	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.40%
24) Chloroform-d	4.38	84	114081	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.06	65	62517	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.07	84	223197	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.09	67	65767	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.34	98	203537	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
45) trans-1,3-Dichloropropene-	7.64	79	25177	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
48) 2-Hexanone-d5	8.11	63	91921	42.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.86%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	44990	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	81660	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

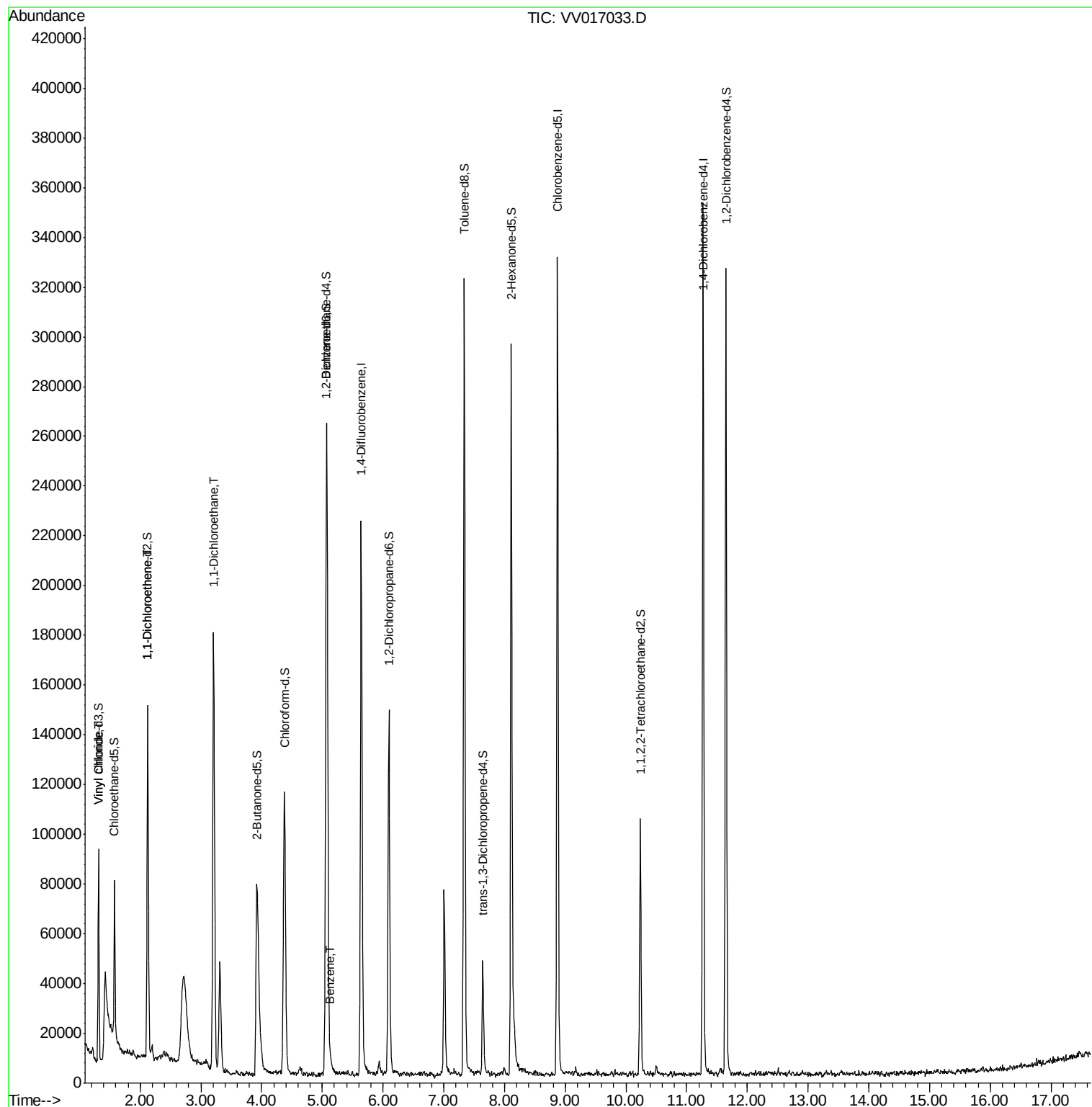
				Ovalue	
5) Vinyl chloride	1.32	62	3156	0.263 ug/L #	59
12) 1,1-Dichloroethene	2.14	96	4949	0.564 ug/L #	1
19) 1,1-Dichloroethane	3.21	63	177217	8.481 ug/L	100
33) Benzene	5.14	78	5872	0.128 ug/L	100

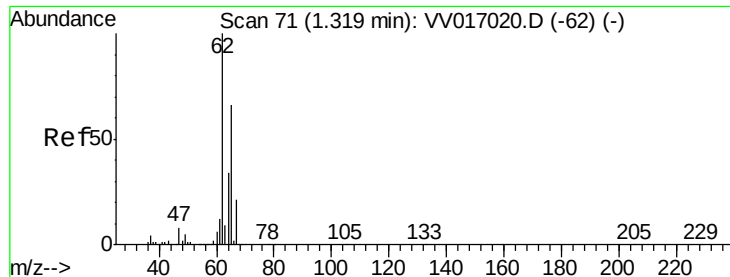
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.263 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

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Acq: 22 Jun 2020 21:45

Instrument :

MSVOA_V

ClientSampleId :

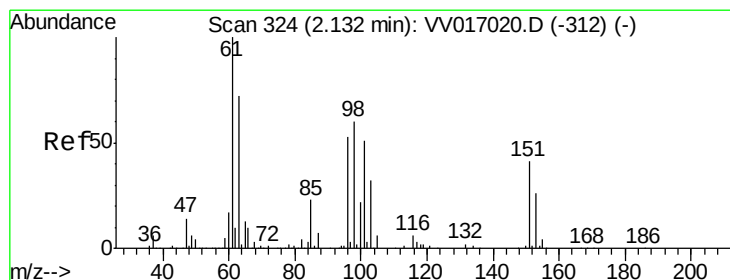
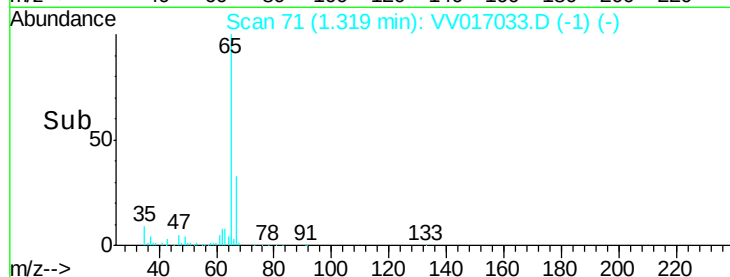
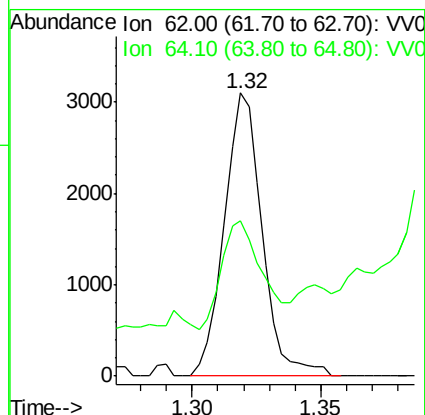
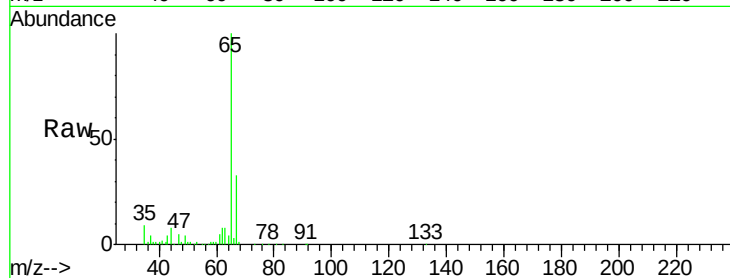
BFXH1

Tot Ion: 62 Resp: 3156

Ion Ratio Lower Upper

62 100

64 54.9 22.5 41.7#



#12

1,1-Dichloroethene

Concen: 0.564 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VV017033.D

Acq: 22 Jun 2020 21:45

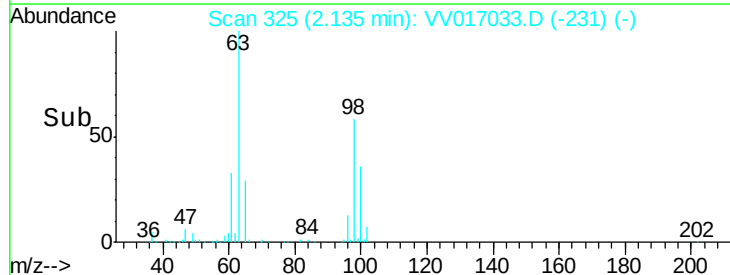
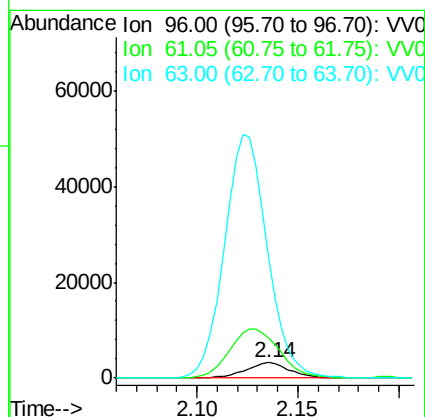
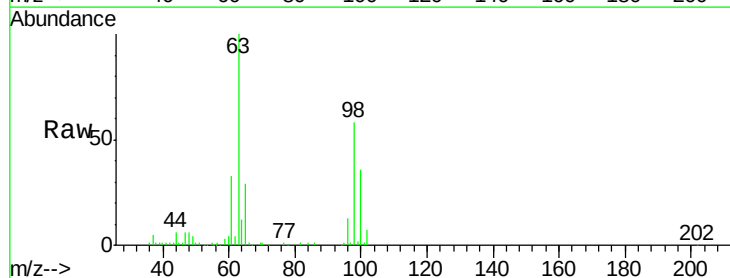
Tgt Ion: 96 Resp: 4949

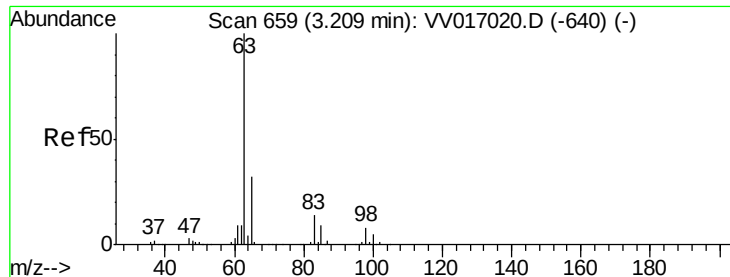
Ion Ratio Lower Upper

96 100

61 261.3 125.0 232.2#

63 784.6 109.8 203.8#





#19

1,1-Dichloroethane

Concen: 8.481 ug/L

RT: 3.21 min Scan# 659

Delta R.T. 0.00 min

Lab File: VV017033.D

Acq: 22 Jun 2020 21:45

Instrument :

MSVOA_V

ClientSampled :

BFXH1

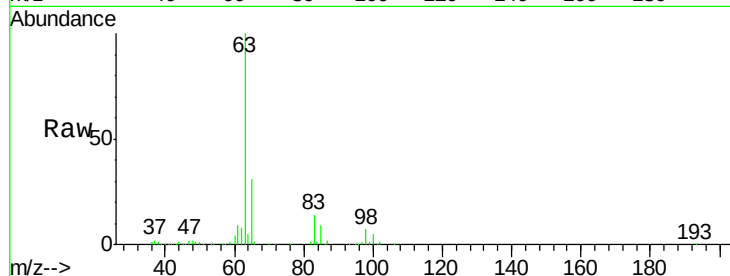
Tot Ion: 63 Resp: 177217

Ion Ratio Lower Upper

63 100

65 30.9 21.8 40.4

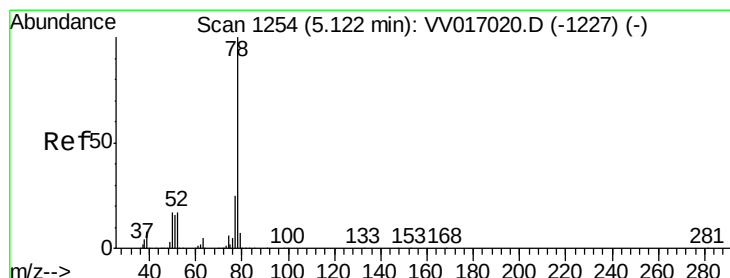
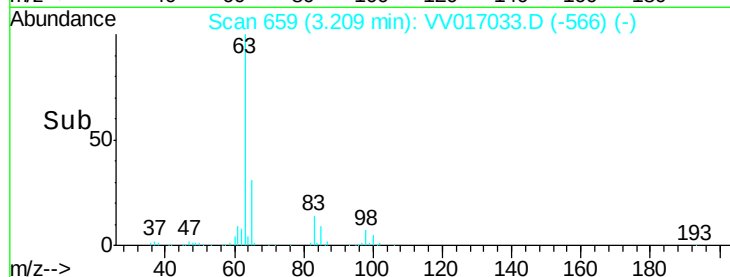
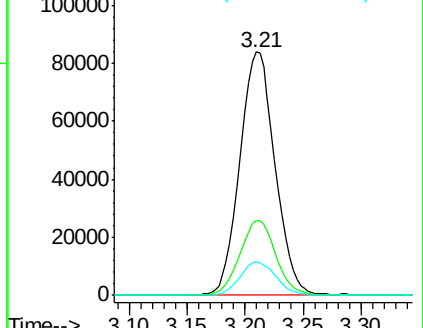
83 13.9 9.7 17.9



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 65.10 (64.80 to 65.80): VV0

Ion 83.05 (82.75 to 83.75): VV0



#33

Benzene

Concen: 0.128 ug/L

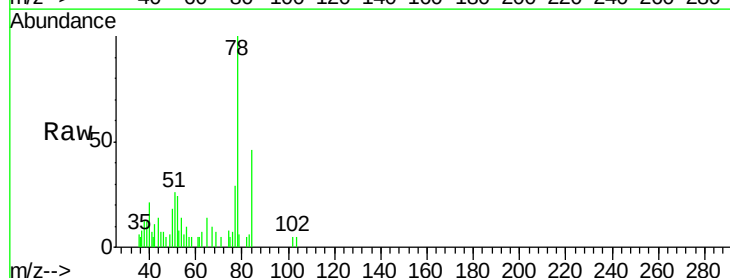
RT: 5.14 min Scan# 1258

Delta R.T. 0.01 min

Lab File: VV017033.D

Acq: 22 Jun 2020 21:45

Tgt Ion: 78 Resp: 5872



Abundance Ion 78.10 (77.80 to 78.80): VV0

