

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\
 Data File : VV016904.D
 Acq On : 13 Jun 2020 02:07
 Operator : SY/MD
 Sample : L2914-21
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK52

Quant Time: Jun 13 06:15:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 13 06:09:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	373189	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	347318	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	162477	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	94292	35.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.62%
7) Chloroethane-d5	1.57	69	53918	34.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	68.24%#
11) 1,1-Dichloroethene-d2	2.12	63	141206	31.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.86%
21) 2-Butanone-d5	3.90	46	179843	92.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.27%
24) Chloroform-d	4.60	84	218	0.04	ug/L	0.22
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.08%#
26) 1,2-Dichloroethane-d4	5.06	65	174319	47.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.72%
32) Benzene-d6	5.07	84	448239	44.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.54%
36) 1,2-Dichloropropane-d6	6.09	67	141054	45.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.40%
41) Toluene-d8	7.34	98	410508	44.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.36%
43) trans-1,3-Dichloropropene-	7.64	79	70094	43.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.24%
47) 2-Hexanone-d5	8.11	63	102777	75.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.54%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	173606	42.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.04%
64) 1,2-Dichlorobenzene-d4	11.65	152	167532	48.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.64%

Target Compounds

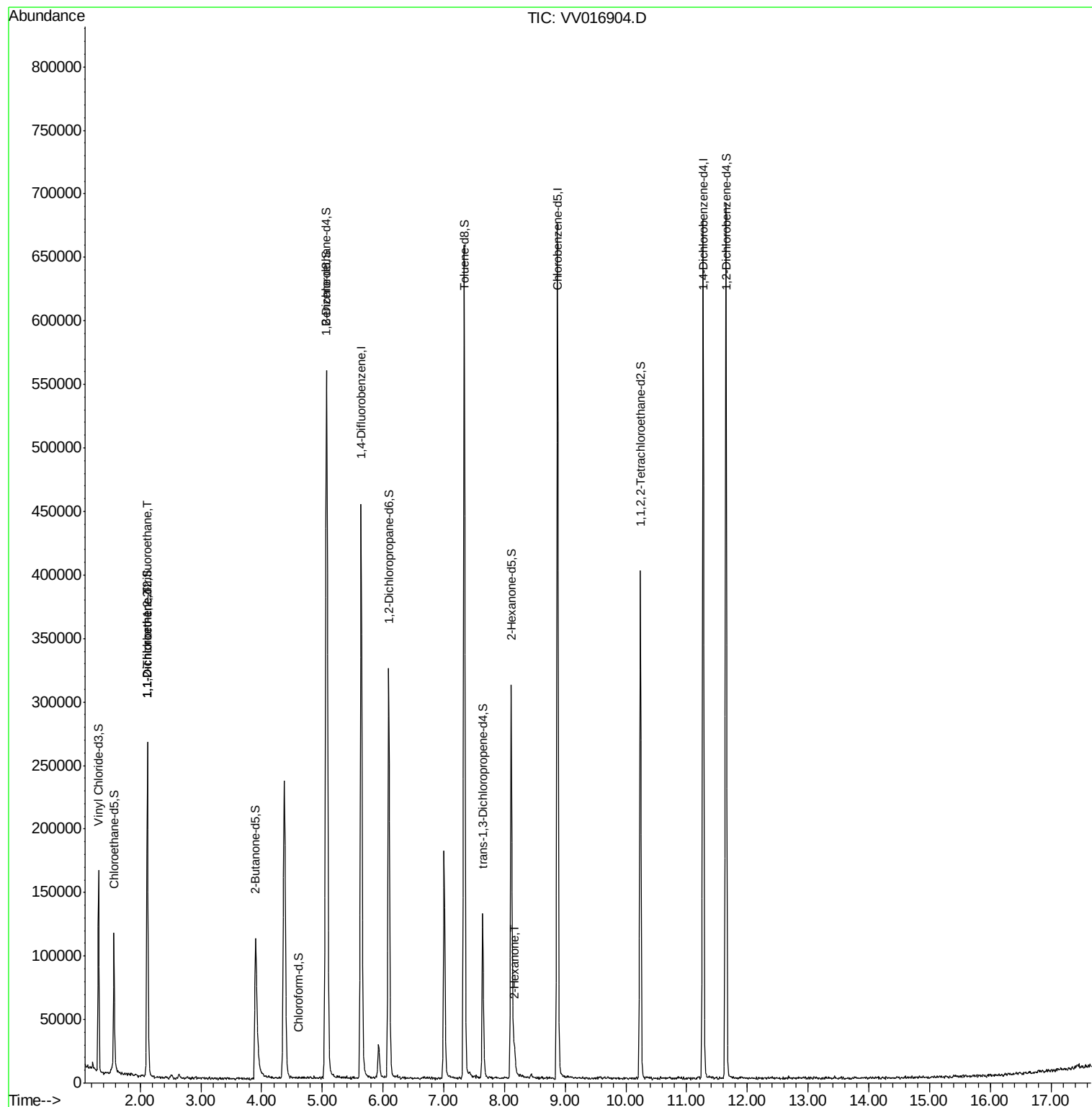
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1386	0.699 ug/L #	18
12) 1,1-Dichloroethene	2.12	96	1500	0.810 ug/L #	1
48) 2-Hexanone	8.17	43	13272	4.520 ug/L #	87

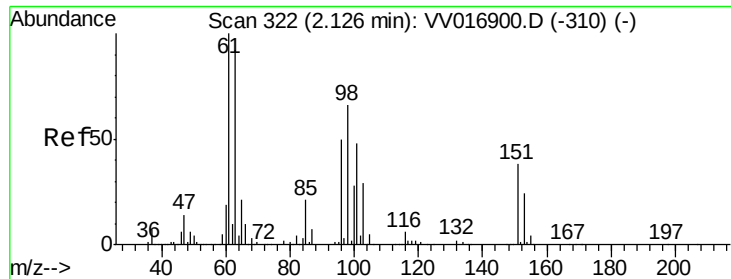
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.699 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

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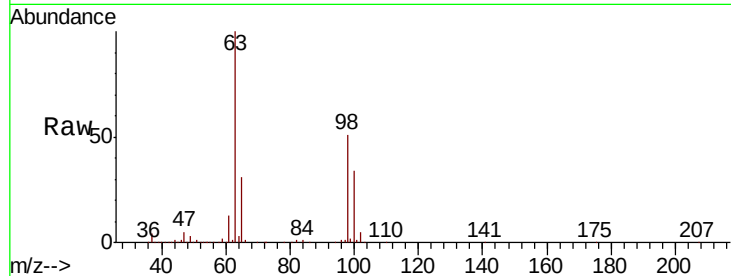
Tot Ion:101 Resp: 1386

Ion Ratio Lower Upper

101 100

85 1.5 35.5 53.3#

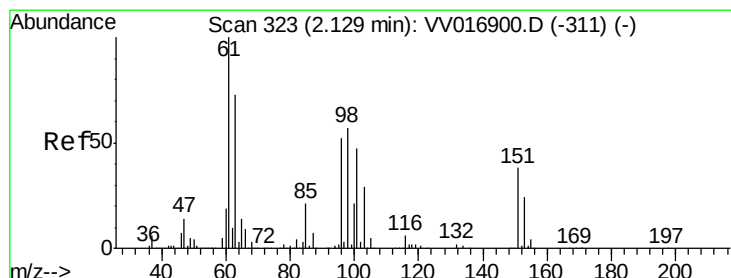
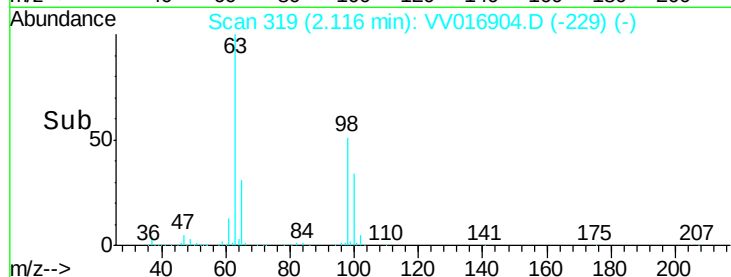
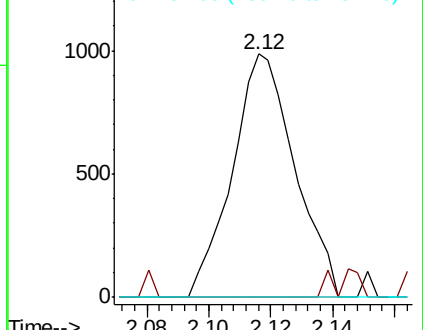
151 0.0 63.9 95.9#



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: 0.810 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016904.D

Acq: 13 Jun 2020 02:07

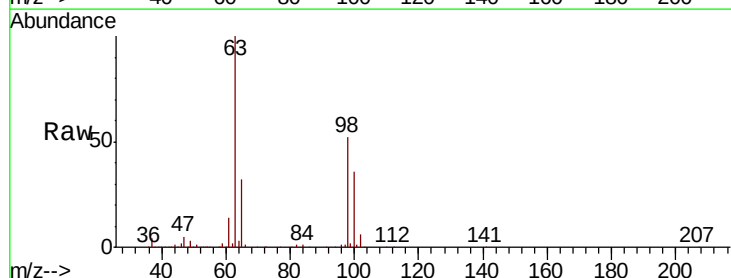
Tgt Ion: 96 Resp: 1500

Ion Ratio Lower Upper

96 100

61 1495.2 130.4 242.2#

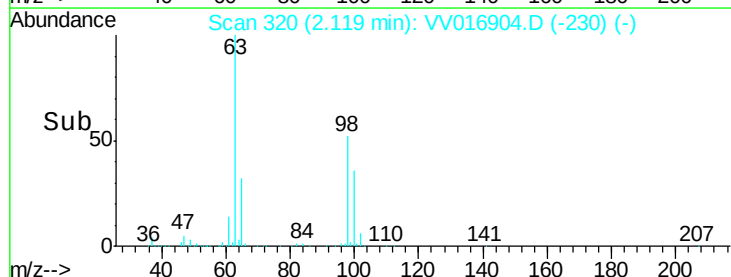
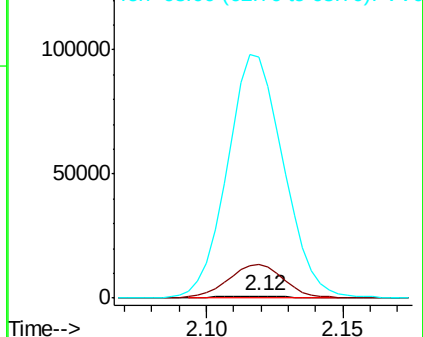
63 10898.3 103.3 191.9#

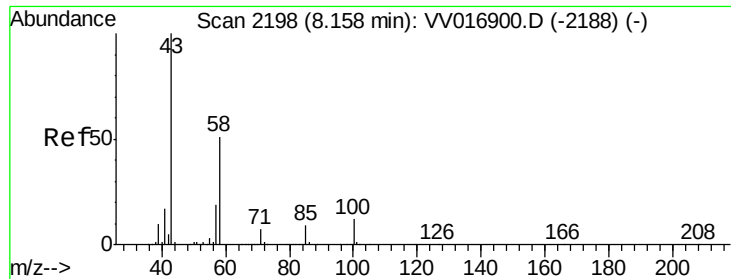


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#48

2-Hexanone

Concen: 4.520 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

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Tot Ion: 43 Resp: 13272

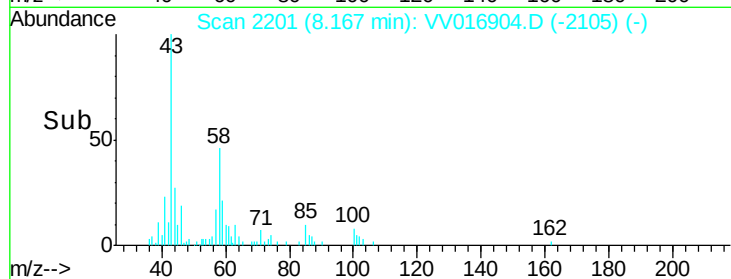
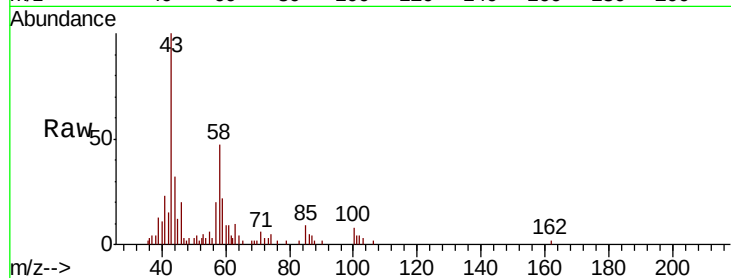
Ion Ratio Lower Upper

43 100

58 47.6 43.1 64.7

57 11.1 15.3 22.9#

100 3.3 10.0 15.0#



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

