

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060920\
 Data File : VV016754.D
 Acq On : 10 Jun 2020 06:42
 Operator : SY/MD
 Sample : L2914-15 50X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E27

Quant Time: Jun 10 07:02:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 06:10:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	350221	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	331982	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	158532	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	87267	35.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.62%
7) Chloroethane-d5	1.56	69	69435	46.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.66%
11) 1,1-Dichloroethene-d2	2.12	63	129003	31.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.18%
21) 2-Butanone-d5	3.89	46	180213	98.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.53%
24) Chloroform-d	4.37	84	225618	44.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.05	65	165637	48.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.92%
32) Benzene-d6	5.07	84	428064	44.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.46%
36) 1,2-Dichloropropane-d6	6.09	67	140258	47.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.04%
41) Toluene-d8	7.34	98	379314	43.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.38%
43) trans-1,3-Dichloropropene-	7.64	79	61649	39.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.36%
47) 2-Hexanone-d5	8.11	63	121161	93.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.16%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	186763	47.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.58%
64) 1,2-Dichlorobenzene-d4	11.65	152	172150	50.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.76%

Target Compounds

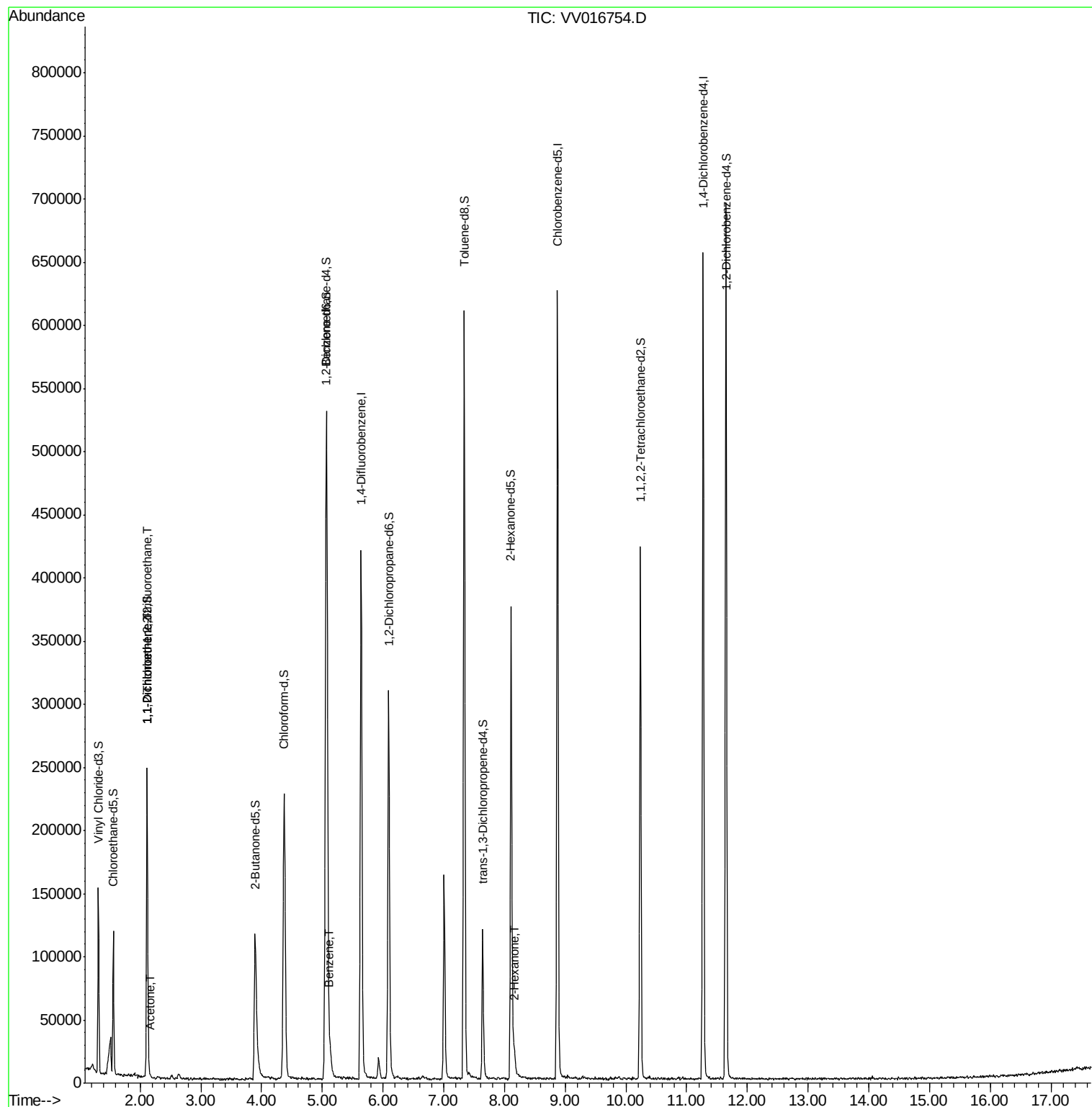
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1201	0.645 ug/L #	23
12) 1,1-Dichloroethene	2.11	96	1341	0.771 ug/L #	1
13) Acetone	2.17	43	1214	1.007 ug/L	86
33) Benzene	5.13	78	25104	2.556 ug/L	100
48) 2-Hexanone	8.16	43	10181	3.628 ug/L	95

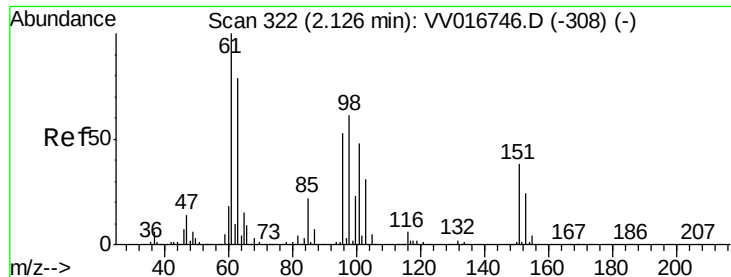
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.645 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016754.D

Acq: 10 Jun 2020 06:42

Instrument :

MSVOA_V

ClientSampled :

F9E27

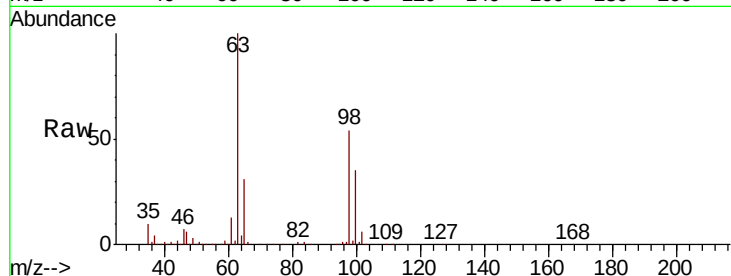
Tot Ion:101 Resp: 1201

Ion Ratio Lower Upper

101 100

85 9.9 35.5 53.3#

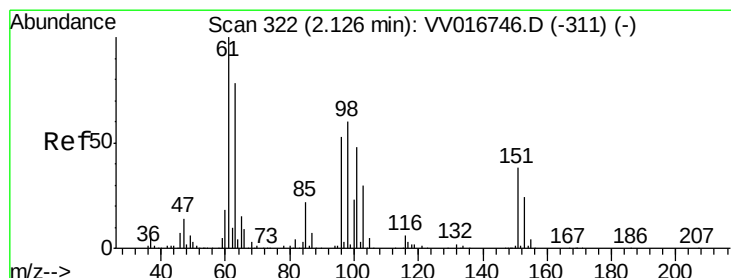
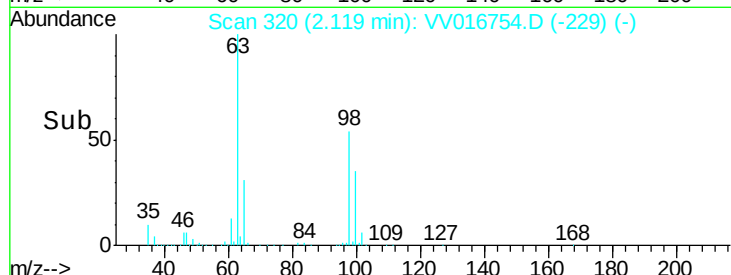
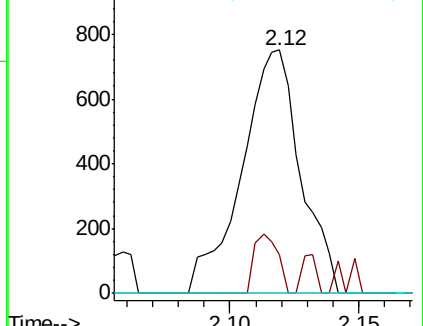
151 0.0 63.9 95.9#



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: 0.771 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

Lab File: VV016754.D

Acq: 10 Jun 2020 06:42

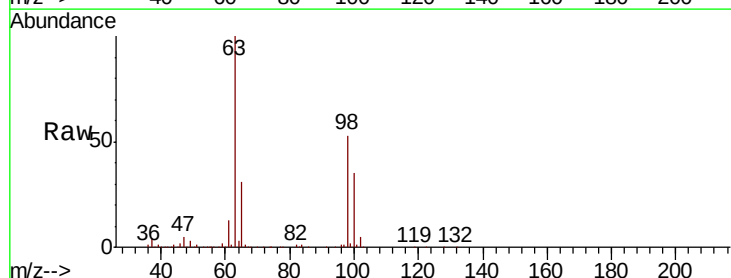
Tgt Ion: 96 Resp: 1341

Ion Ratio Lower Upper

96 100

61 1419.8 130.4 242.2#

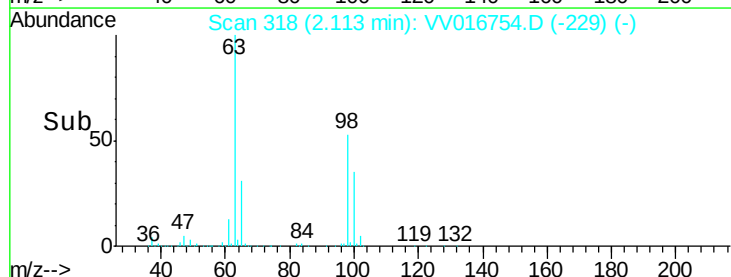
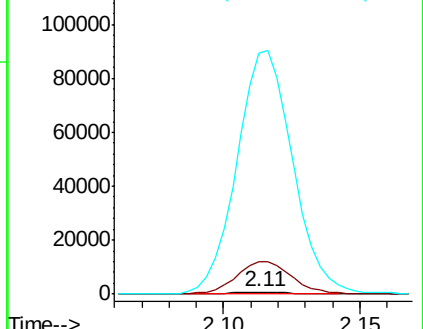
63 10550.2 103.3 191.9#

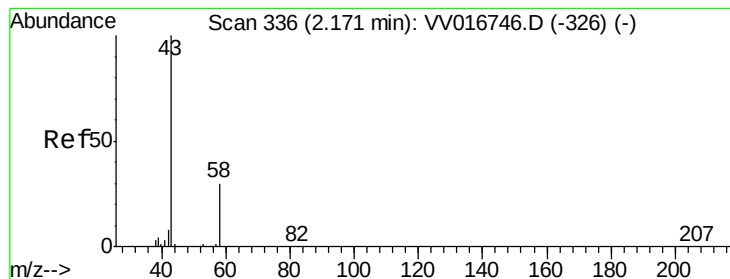


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 1.007 ug/L

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

Lab File: VV016754.D

Acq: 10 Jun 2020 06:42

Instrument :

MSVOA_V

ClientSampled :

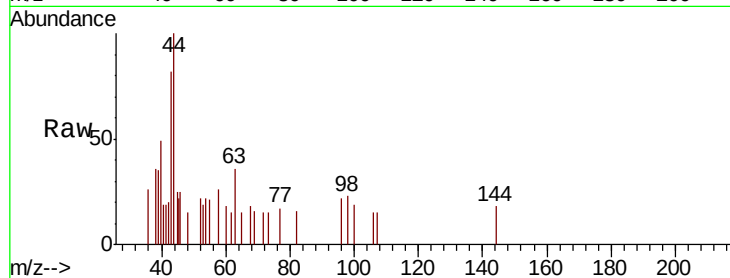
F9E27

Tot Ion: 43 Resp: 1214

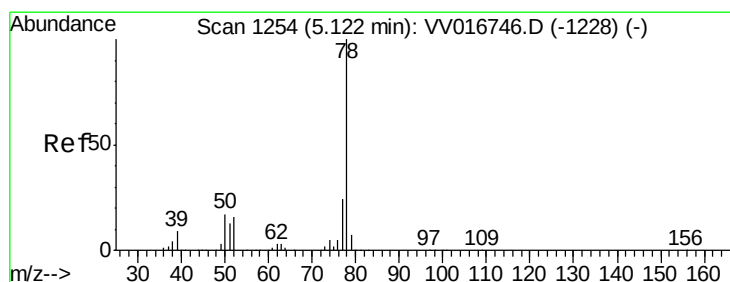
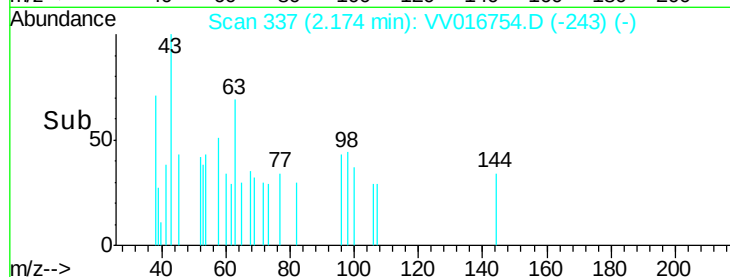
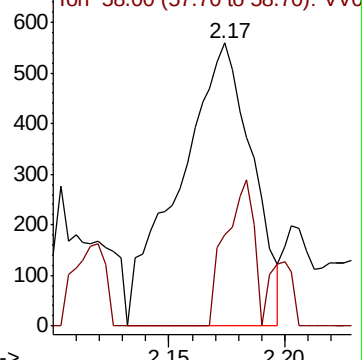
Ion Ratio Lower Upper

43 100

58 20.3 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV016746.D (-326) (-)



#33

Benzene

Concen: 2.556 ug/L

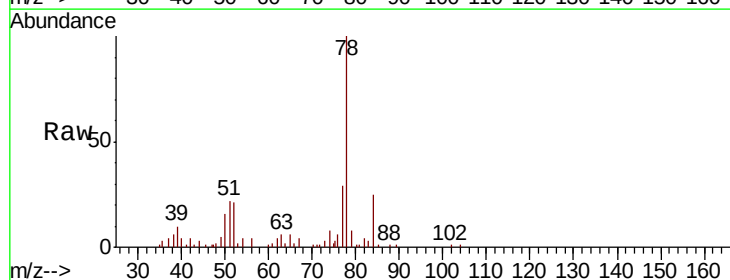
RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

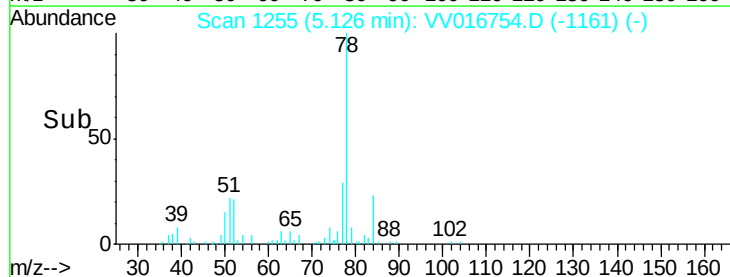
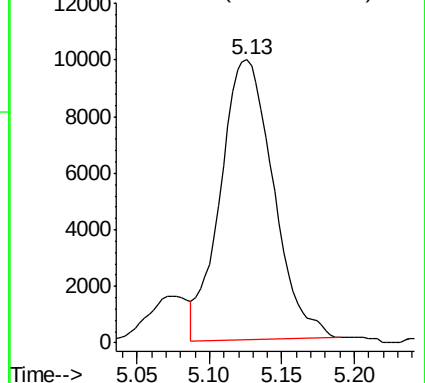
Lab File: VV016754.D

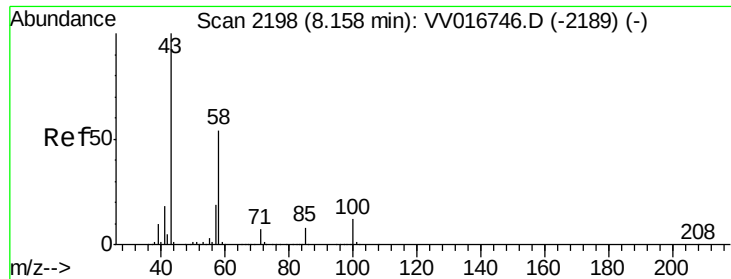
Acq: 10 Jun 2020 06:42

Tgt Ion: 78 Resp: 25104



Abundance Ion 78.00 (77.70 to 78.70): VV016746.D (-1228) (-)





#48

2-Hexanone

Concen: 3.628 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV016754.D

Acq: 10 Jun 2020 06:42

Instrument :

MSVOA_V

ClientSampleId :

F9E27

Tot Ion: 43 Resp: 10181

Ion Ratio Lower Upper

43 100

58 58.3 43.1 64.7

57 20.0 15.3 22.9

100 10.9 10.0 15.0

