

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016582.D
 Acq On : 06 Jun 2020 12:06
 Operator : SY/MD
 Sample : L2872-09 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFEP1

Quant Time: Jun 06 23:49:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 06 23:47:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	399827	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	372697	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	185790	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	133250	47.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.10%
7) Chloroethane-d5	1.56	69	95477	46.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.12	63	177327	35.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.64%
21) 2-Butanone-d5	3.89	46	210436	116.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.21%
24) Chloroform-d	4.37	84	267117	50.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.52%
26) 1,2-Dichloroethane-d4	5.05	65	188190	52.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.76%
32) Benzene-d6	5.07	84	543773	54.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.94%
36) 1,2-Dichloropropane-d6	6.09	67	167884	53.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.94%
41) Toluene-d8	7.34	98	493704	54.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.90%
43) trans-1,3-Dichloropropene-	7.64	79	79953	52.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.48%
47) 2-Hexanone-d5	8.11	63	166468	124.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	124.95%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	228472	54.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.30%
64) 1,2-Dichlorobenzene-d4	11.65	152	205920	58.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.96%

Target Compounds

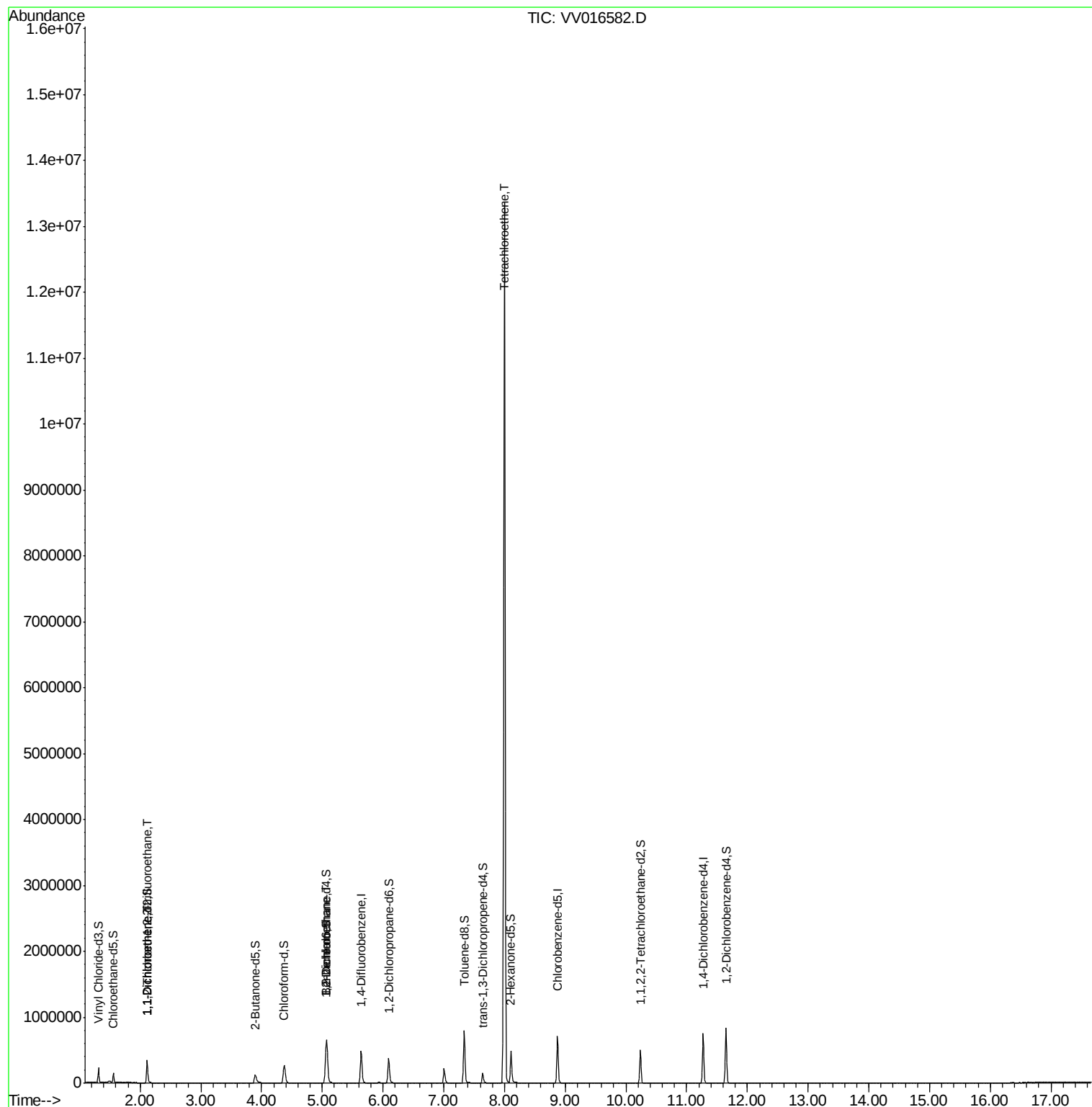
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1942	0.842 ug/L #	20
12) 1,1-Dichloroethene	2.12	96	1817	0.819 ug/L #	1
27) 1,2-Dichloroethane	5.07	62	3949	0.895 ug/L	96
46) Tetrachloroethene	8.00	164	2887778	1302.241 ug/L	99

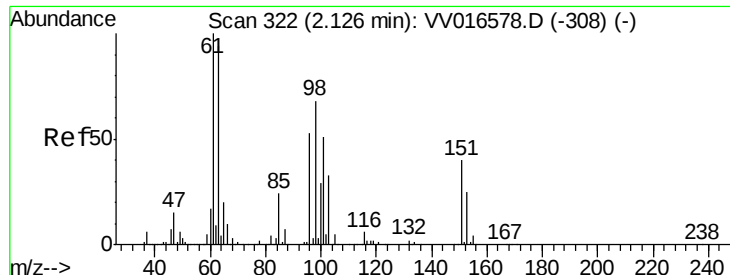
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.842 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016582.D

Acq: 06 Jun 2020 12:06

Instrument :

MSVOA_V

ClientSampleId :

BFEP1

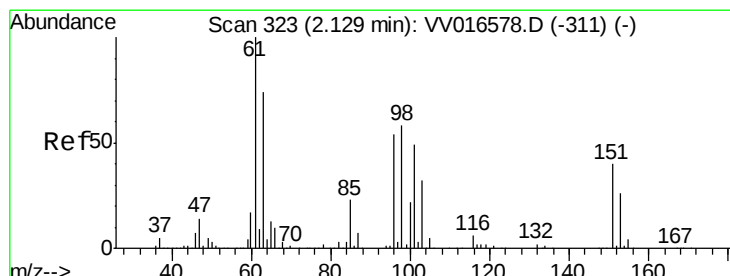
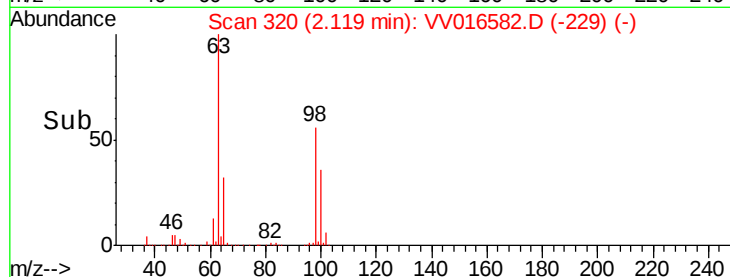
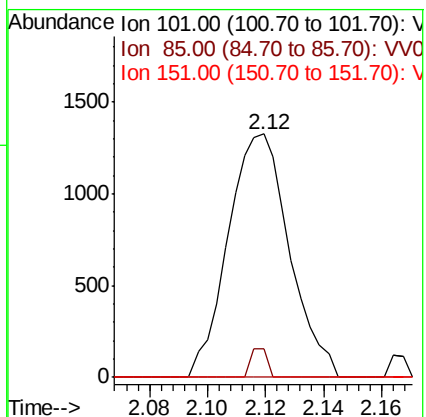
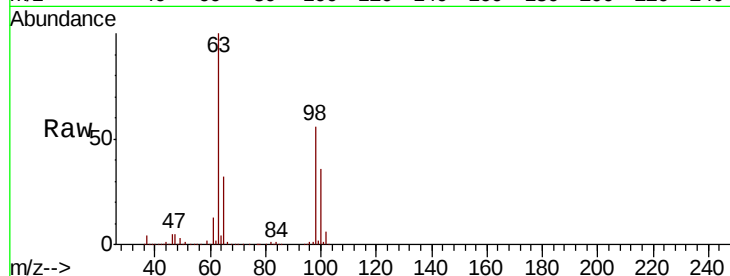
Tot Ion:101 Resp: 1942

Ion Ratio Lower Upper

101 100

85 3.1 35.6 53.4#

151 0.0 61.8 92.8#



#12

1,1-Dichloroethene

Concen: 0.819 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016582.D

Acq: 06 Jun 2020 12:06

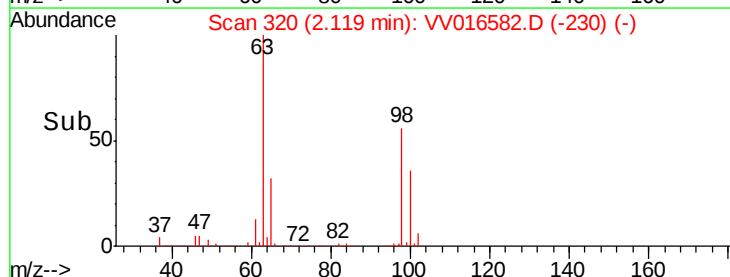
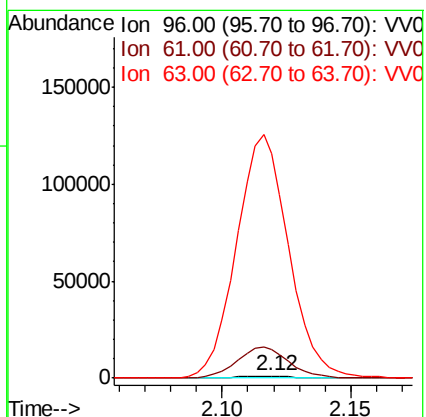
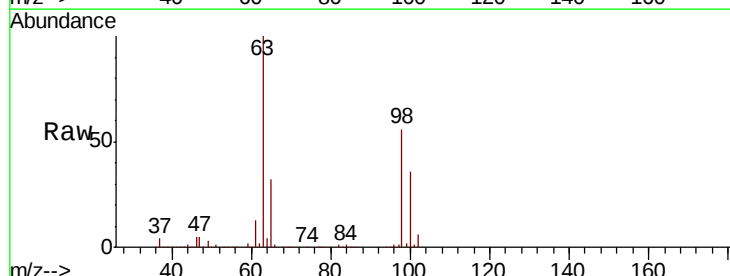
Tgt Ion: 96 Resp: 1817

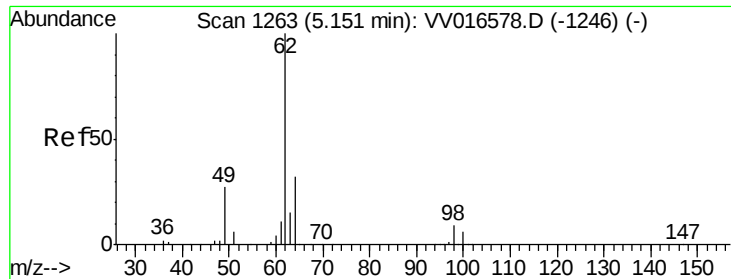
Ion Ratio Lower Upper

96 100

61 1268.9 125.5 233.1#

63 10065.4 104.0 193.1#





#27

1,2-Dichloroethane

Concen: 0.895 ug/L

RT: 5.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: VV016582.D

Acq: 06 Jun 2020 12:06

Instrument :

MSVOA_V

ClientSampleId :

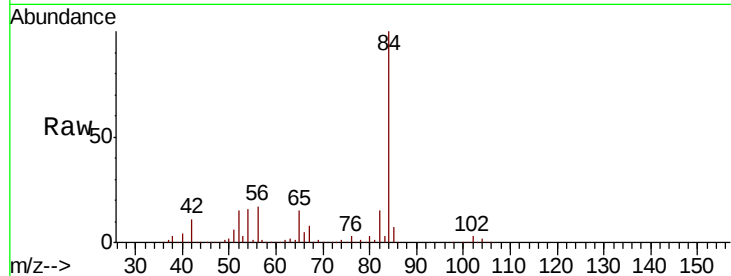
BFEP1

Tot Ion: 62 Resp: 3949

Ion Ratio Lower Upper

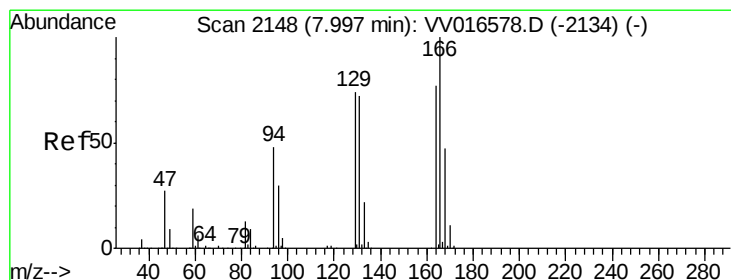
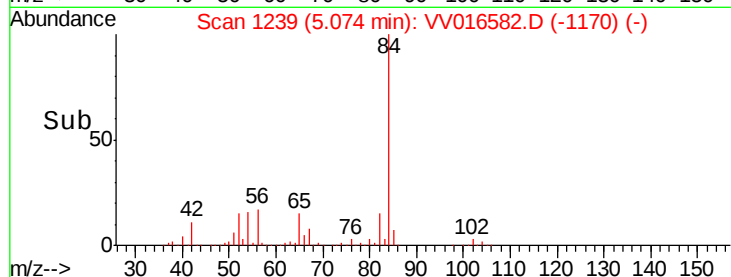
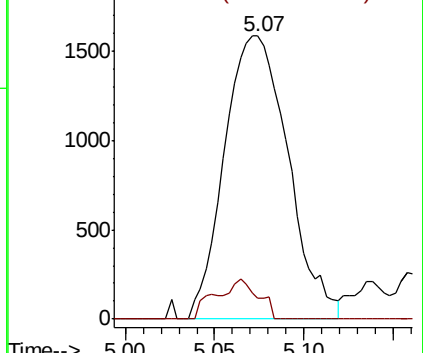
62 100

98 7.3 6.9 10.3



Abundance Ion 62.00 (61.70 to 62.70): VV016578.D (-1246) (-)

Ion 98.00 (97.70 to 98.70): VV016578.D (-1246) (-)



#46

Tetrachloroethene

Concen: 1302.241 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV016582.D

Acq: 06 Jun 2020 12:06

Tgt Ion:164 Resp: 2887778

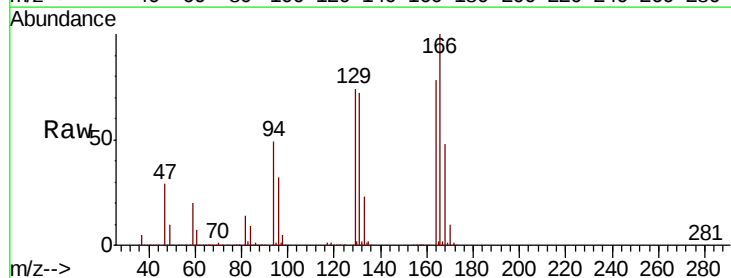
Ion Ratio Lower Upper

164 100

129 94.8 67.7 125.7

131 91.6 63.8 118.6

166 128.1 88.7 164.7



Abundance Ion 164.00 (163.70 to 164.70): VV016578.D (-2134) (-)

Ion 129.00 (128.70 to 129.70): VV016578.D (-2134) (-)

Ion 131.00 (130.70 to 131.70): VV016578.D (-2134) (-)

Ion 166.00 (165.70 to 166.70): VV016578.D (-2134) (-)

