

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016626.D
 Acq On : 07 Jun 2020 07:45
 Operator : SY/MD
 Sample : L2872-09DL 1000X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFEP1DL

Quant Time: Jun 08 05:44:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 08 05:42:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	373475	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	350321	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	158520	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	111681	42.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.44%
7) Chloroethane-d5	1.57	69	57970	30.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	60.72%#
11) 1,1-Dichloroethene-d2	2.12	63	151631	32.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.68%
21) 2-Butanone-d5	3.90	46	180013	106.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.43%
24) Chloroform-d	4.37	84	239886	48.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.64%
26) 1,2-Dichloroethane-d4	5.05	65	170310	51.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.46%
32) Benzene-d6	5.07	84	477023	50.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.66%
36) 1,2-Dichloropropane-d6	6.09	67	149013	50.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.92%
41) Toluene-d8	7.34	98	432040	50.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.38%
43) trans-1,3-Dichloropropene-	7.64	79	66875	46.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.86%
47) 2-Hexanone-d5	8.11	63	128551	102.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.66%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	188835	47.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.24%
64) 1,2-Dichlorobenzene-d4	11.65	152	169806	57.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.00%

Target Compounds

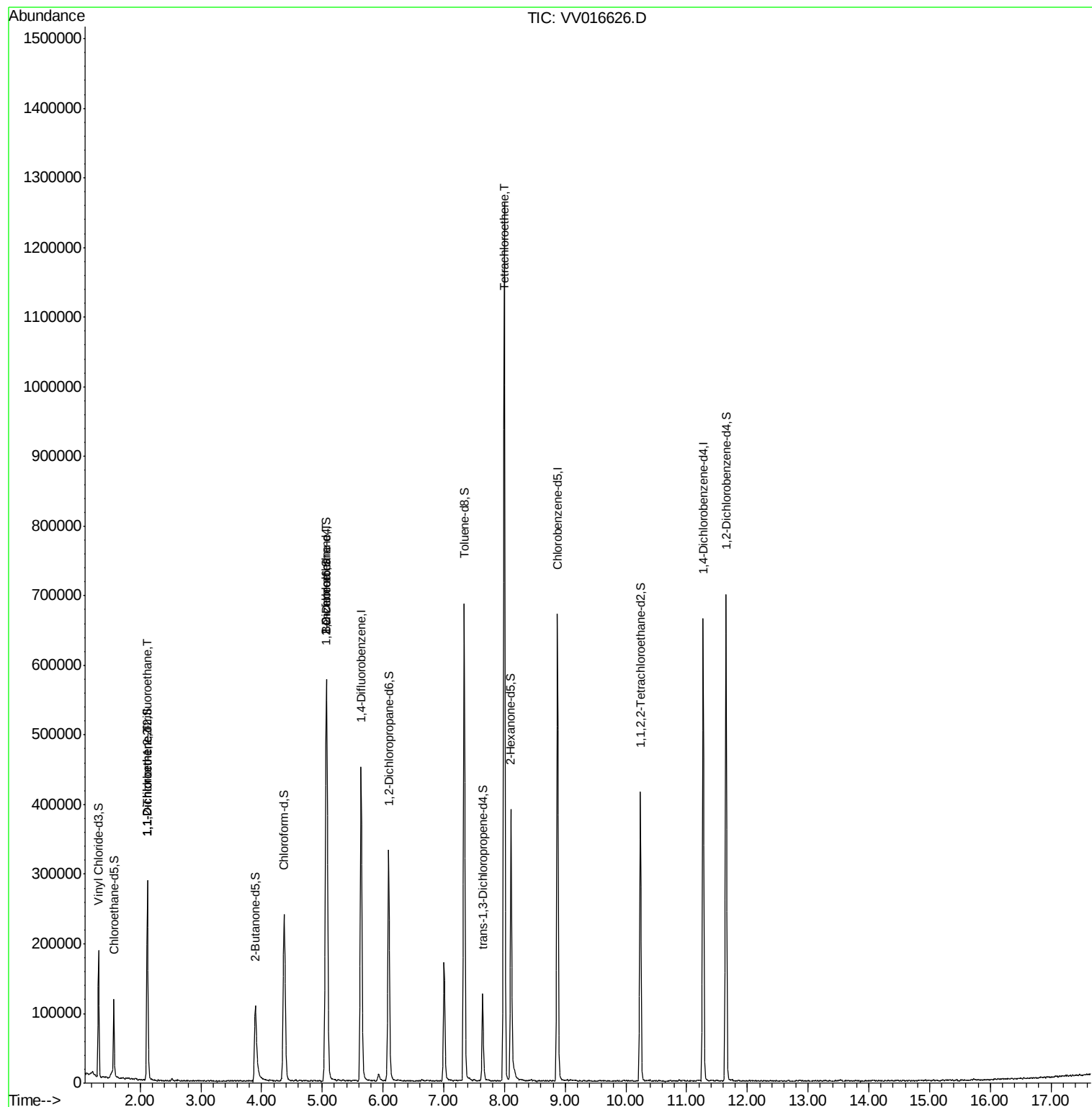
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1640	0.761 ug/L #	20
12) 1,1-Dichloroethene	2.12	96	1558	0.751 ug/L #	1
27) 1,2-Dichloroethane	5.07	62	3143	0.763 ug/L	100
46) Tetrachloroethene	8.00	164	273497	131.211 ug/L	98

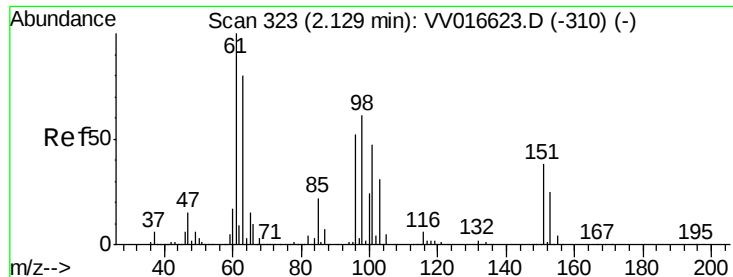
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.761 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016626.D

Acq: 07 Jun 2020 07:45

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MSVOA_V

ClientSampleId :

BFEP1DL

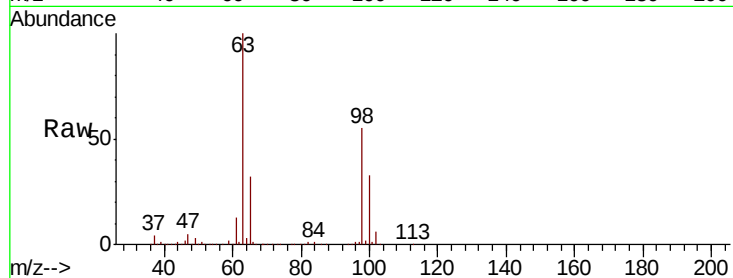
Tot Ion:101 Resp: 1640

Ion Ratio Lower Upper

101 100

85 2.7 35.6 53.4#

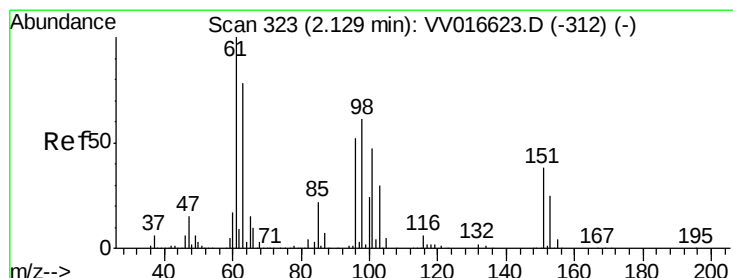
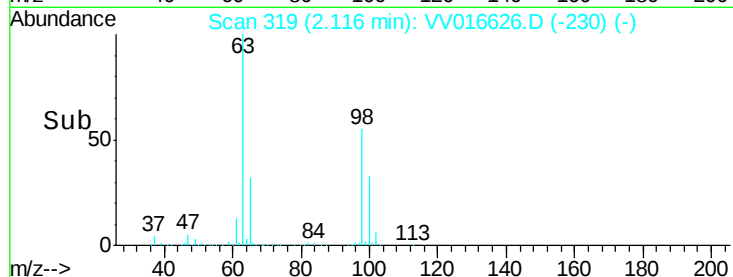
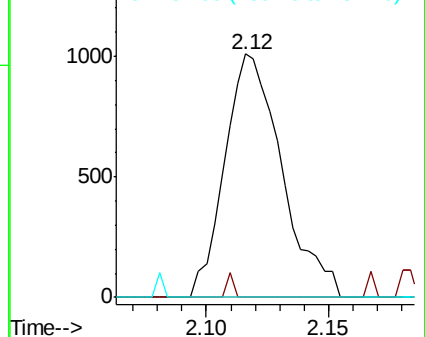
151 0.0 61.8 92.8#



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: 0.751 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV016626.D

Acq: 07 Jun 2020 07:45

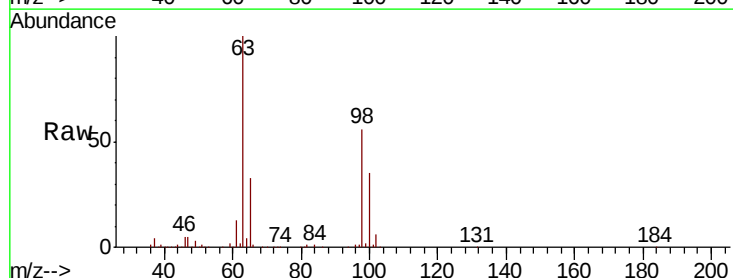
Tgt Ion: 96 Resp: 1558

Ion Ratio Lower Upper

96 100

61 1239.5 125.5 233.1#

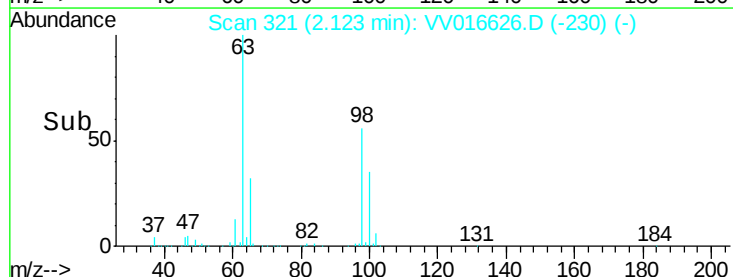
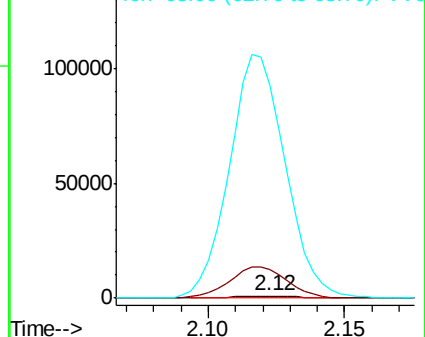
63 9243.5 104.0 193.1#

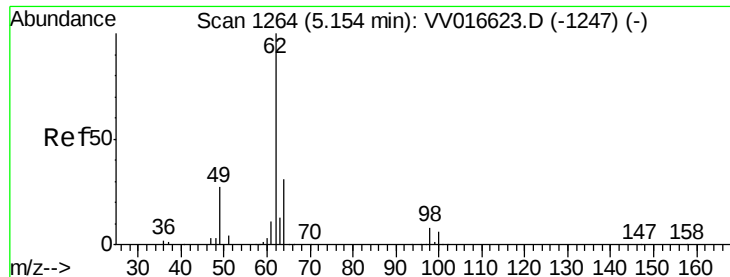


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

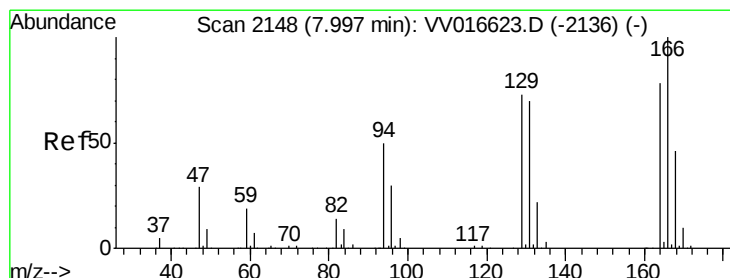
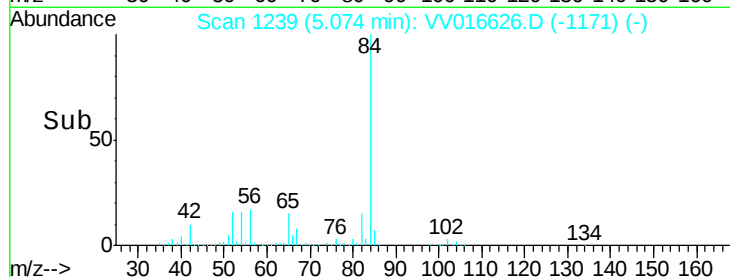
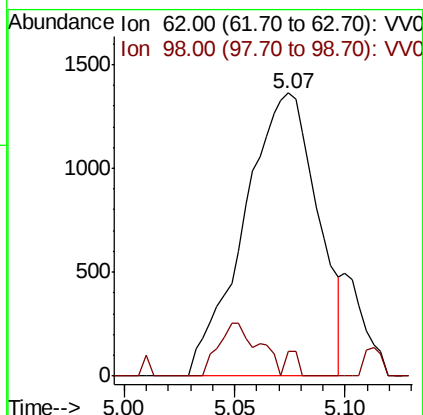
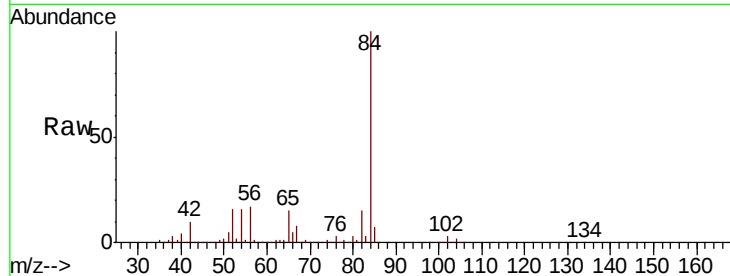




#27
 1,2-Dichloroethane
 Concen: 0.763 ug/L
 RT: 5.07 min Scan# 1239
 Delta R.T. -0.08 min
 Lab File: VV016626.D
 Acq: 07 Jun 2020 07:45

Instrument :
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Tot Ion: 62 Resp: 3143
 Ion Ratio Lower Upper
 62 100
 98 8.7 6.9 10.3



#46
 Tetrachloroethene
 Concen: 131.211 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: VV016626.D
 Acq: 07 Jun 2020 07:45

Tgt Ion: 164 Resp: 273497
 Ion Ratio Lower Upper
 164 100
 129 93.6 67.7 125.7
 131 90.5 63.8 118.6
 166 125.7 88.7 164.7

