

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062620\
 Data File : VV017196.D
 Acq On : 26 Jun 2020 20:55
 Operator : SY/MD
 Sample : L3103-15
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 27 00:28:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 27 00:23:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	350311	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	329483	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	153058	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	97578	39.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.96%
7) Chloroethane-d5	1.58	69	67033	45.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.38%
11) 1,1-Dichloroethene-d2	2.12	63	149422	36.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.00%
21) 2-Butanone-d5	3.91	46	140142	76.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.60%
24) Chloroform-d	4.38	84	222066	44.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.36%
26) 1,2-Dichloroethane-d4	5.06	65	161249	47.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.34%
32) Benzene-d6	5.08	84	416075	43.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.62%
36) 1,2-Dichloropropane-d6	6.09	67	125195	42.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.58%
41) Toluene-d8	7.34	98	375274	43.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.12%
43) trans-1,3-Dichloropropene-	7.64	79	64327	41.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.44%
47) 2-Hexanone-d5	8.11	63	99150	76.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.82%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	164465	41.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.92%
64) 1,2-Dichlorobenzene-d4	11.65	152	153703	47.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.12%

Target Compounds

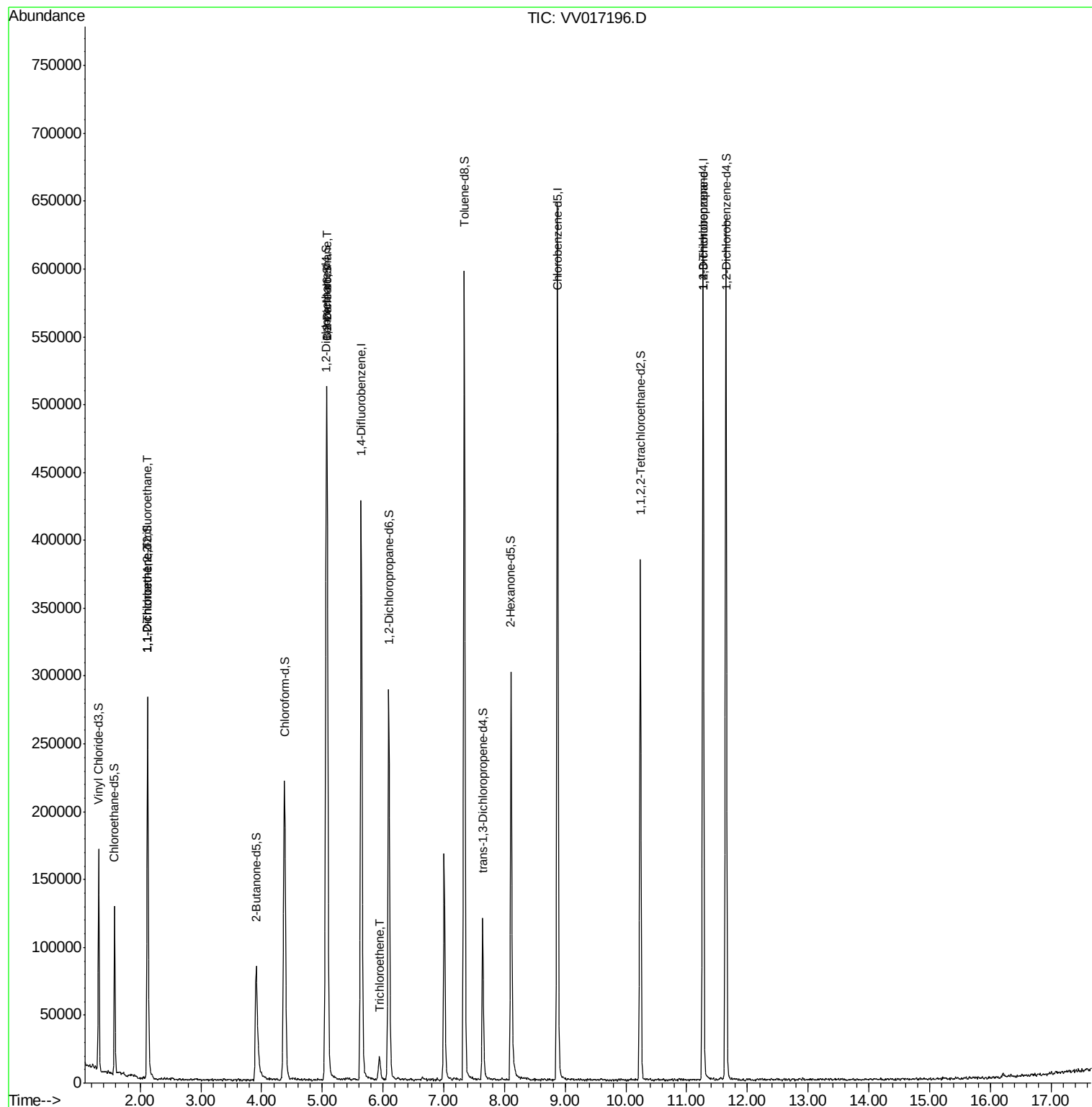
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1492	0.801 ug/L #	20
12) 1,1-Dichloroethene	2.13	96	1397	0.803 ug/L #	1
27) 1,2-Dichloroethane	5.07	62	3411	0.887 ug/L	98
34) Trichloroethene	5.94	95	4315	1.650 ug/L	93
59) 1,2,3-Trichloropropane	11.27	75	17858	5.677 ug/L	93

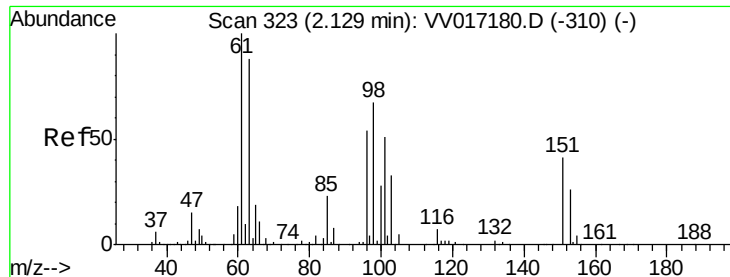
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 27 00:23:55 2020
Response via : Initial Calibration





#10

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

Concen: 0.801 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017196.D

Acq: 26 Jun 2020 20:55

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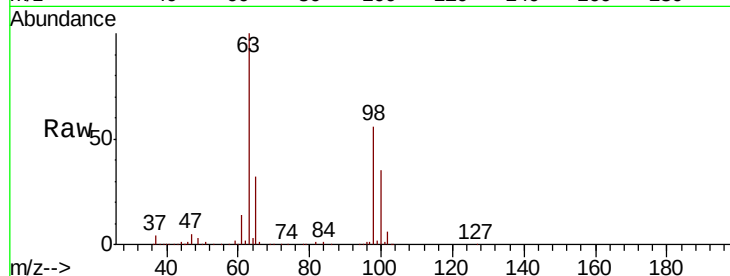
Tot Ion:101 Resp: 1492

Ion Ratio Lower Upper

101 100

85 5.1 35.5 53.3#

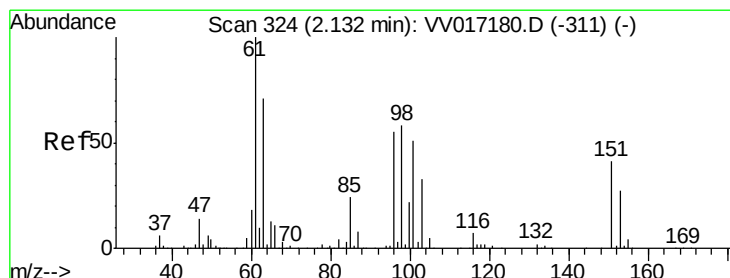
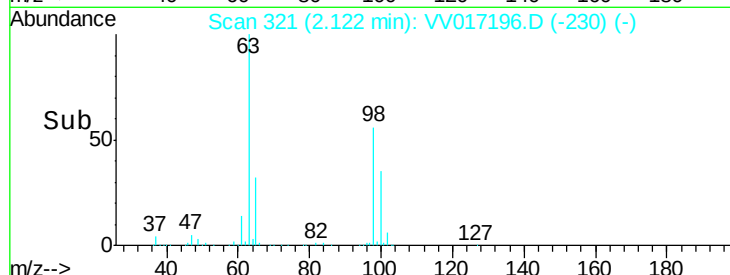
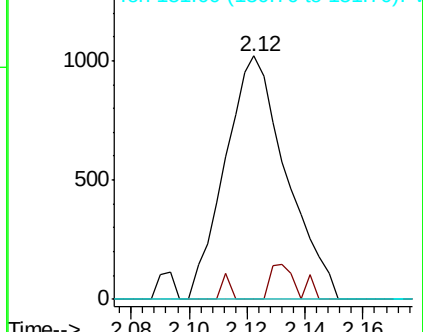
151 0.0 63.9 95.9#



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: 0.803 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017196.D

Acq: 26 Jun 2020 20:55

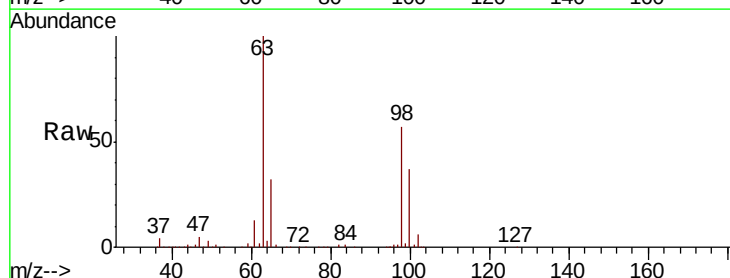
Tgt Ion: 96 Resp: 1397

Ion Ratio Lower Upper

96 100

61 1310.0 130.4 242.2#

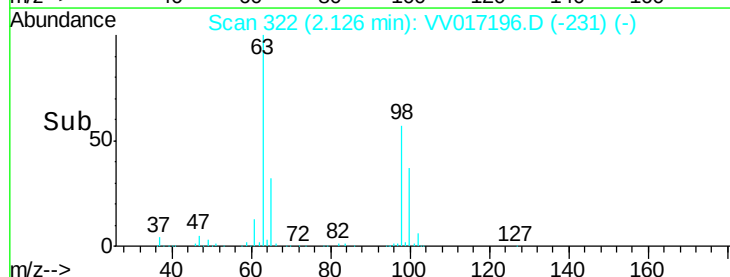
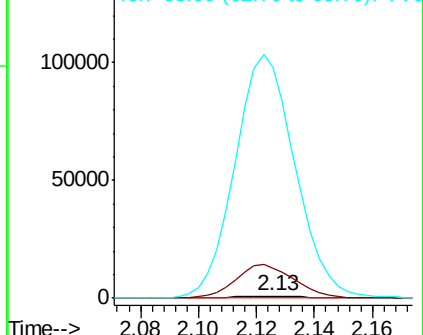
63 9954.2 103.3 191.9#

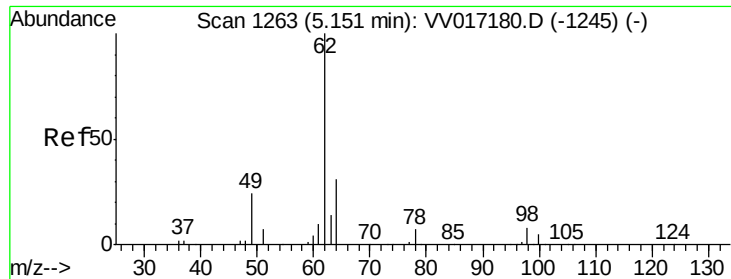


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#27

1,2-Dichloroethane

Concen: 0.887 ug/L

RT: 5.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: VV017196.D

Acq: 26 Jun 2020 20:55

Instrument :

MSVOA_V

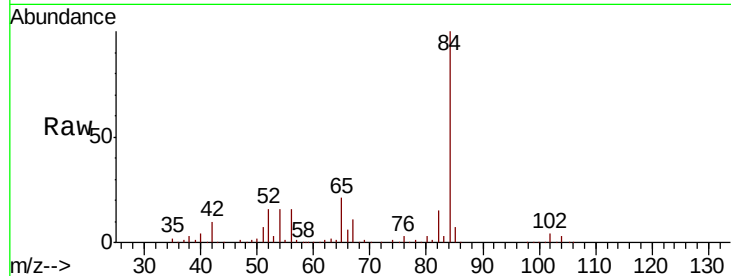
ClientSampleId :

Tot Ion: 62 Resp: 3411

Ion Ratio Lower Upper

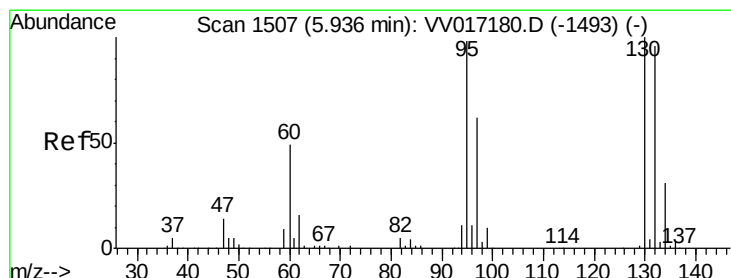
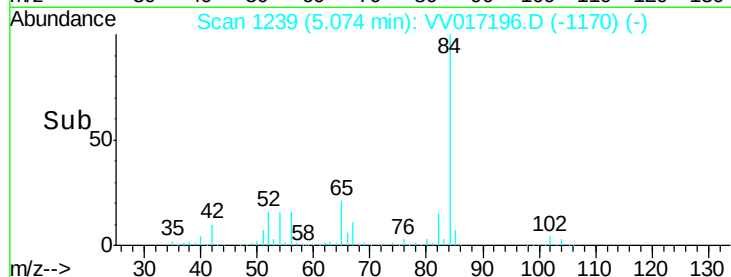
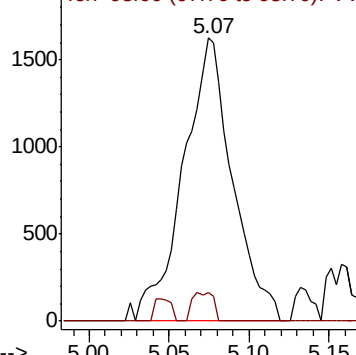
62 100

98 10.0 7.4 11.2



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#34

Trichloroethene

Concen: 1.650 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV017196.D

Acq: 26 Jun 2020 20:55

Tgt Ion: 95 Resp: 4315

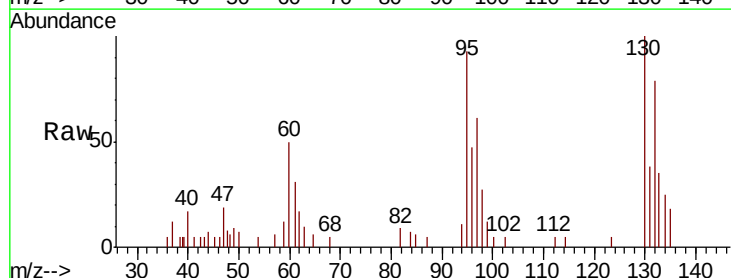
Ion Ratio Lower Upper

95 100

97 65.7 44.3 82.3

132 84.7 67.9 126.1

130 107.8 72.2 134.2

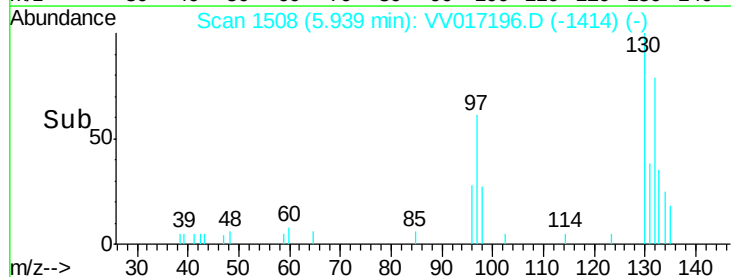
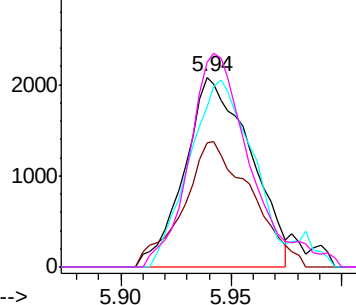


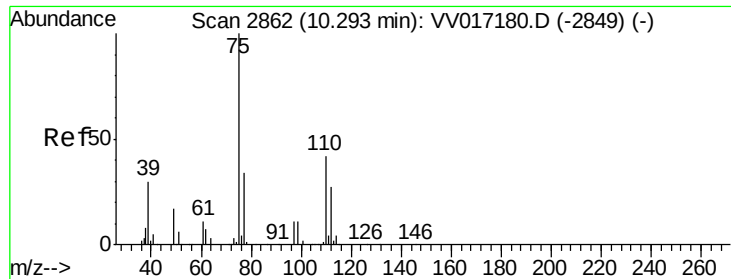
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0





#59

1,2,3-Trichloropropane

Concen: 5.677 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV017196.D

Acq: 26 Jun 2020 20:55

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 17858

Ion Ratio Lower Upper

75 100

77 36.8 26.1 39.1

