

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062620\
 Data File : VV017190.D
 Acq On : 26 Jun 2020 18:36
 Operator : SY/MD
 Sample : L3103-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 27 00:27:10 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	352325	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	329932	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	154838	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	98296	39.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.08%
7) Chloroethane-d5	1.58	69	73389	49.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.12	63	152073	36.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.86%
21) 2-Butanone-d5	3.91	46	151570	82.37	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.37%
24) Chloroform-d	4.38	84	216803	42.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.78%
26) 1,2-Dichloroethane-d4	5.06	65	159941	46.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.04%
32) Benzene-d6	5.08	84	411380	43.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.50%
36) 1,2-Dichloropropane-d6	6.09	67	125900	42.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.94%
41) Toluene-d8	7.34	98	374095	42.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.72%
43) trans-1,3-Dichloropropene-	7.64	79	63187	40.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.84%
47) 2-Hexanone-d5	8.11	63	98595	76.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.28%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	164349	41.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.76%
64) 1,2-Dichlorobenzene-d4	11.65	152	155604	47.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.18%

Target Compounds

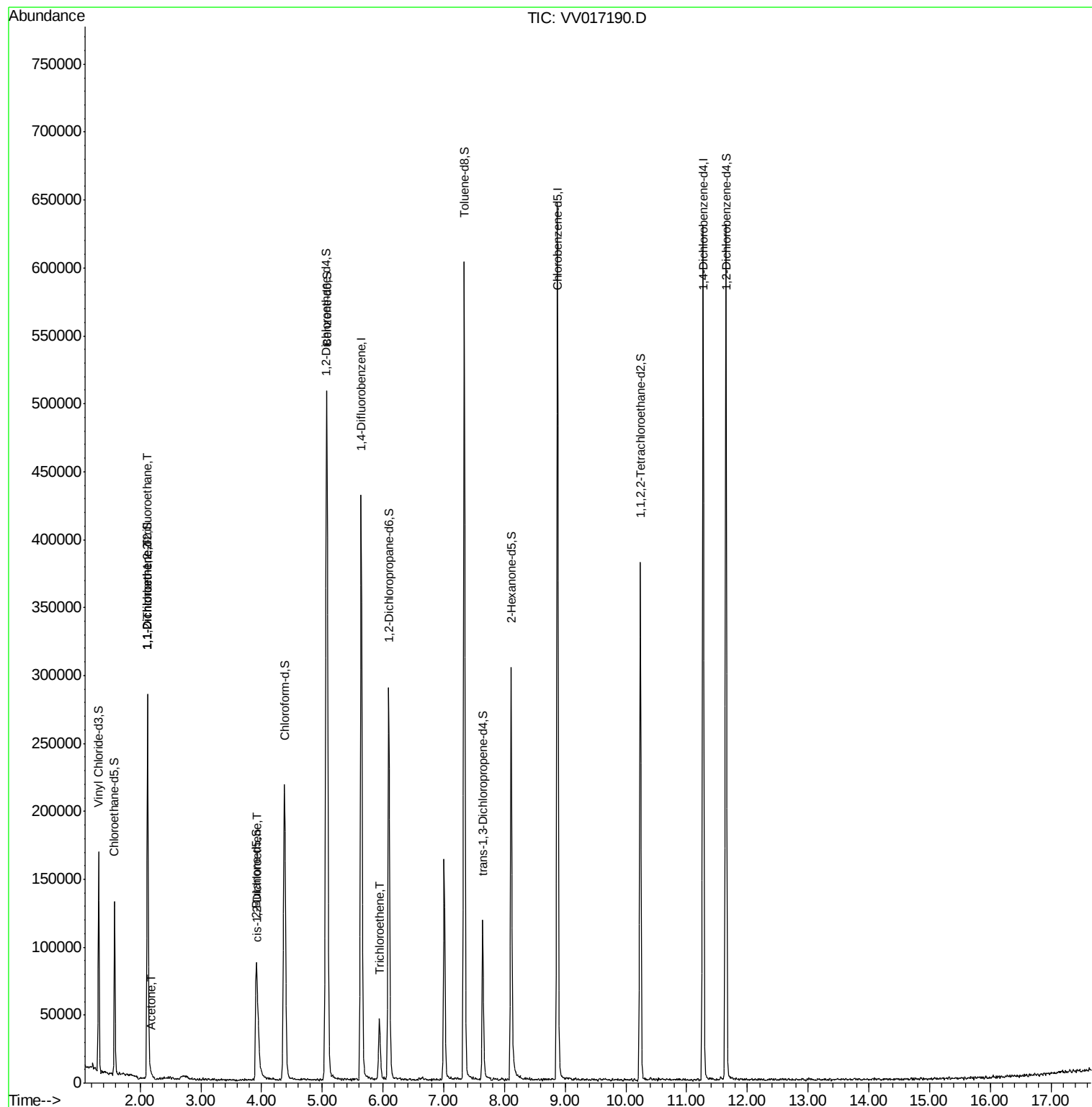
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1515	0.809 ug/L #	21
12) 1,1-Dichloroethene	2.12	96	1453	0.831 ug/L #	1
13) Acetone	2.20	43	2571	2.121 ug/L	91
20) cis-1,2-Dichloroethene	3.94	96	2997	1.153 ug/L	100
34) Trichloroethene	5.94	95	13645	5.212 ug/L	96

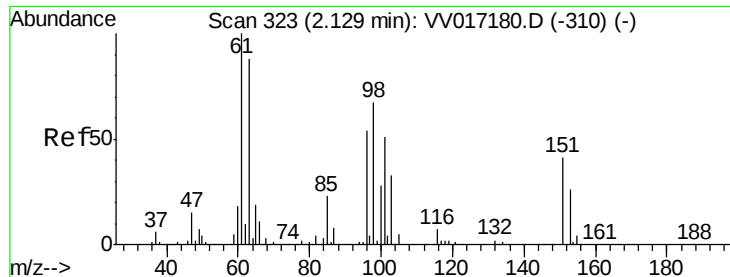
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.809 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV017190.D

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MSVOA_V

ClientSampleId :

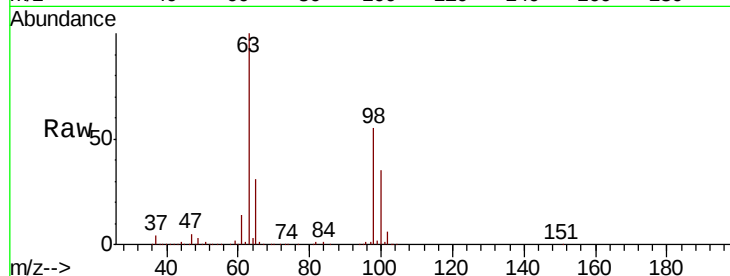
Tot Ion:101 Resp: 1515

Ion Ratio Lower Upper

101 100

85 2.9 35.5 53.3#

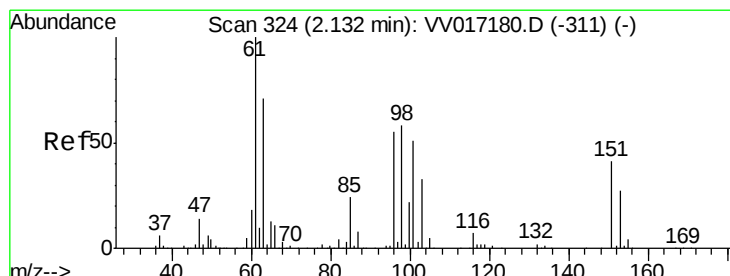
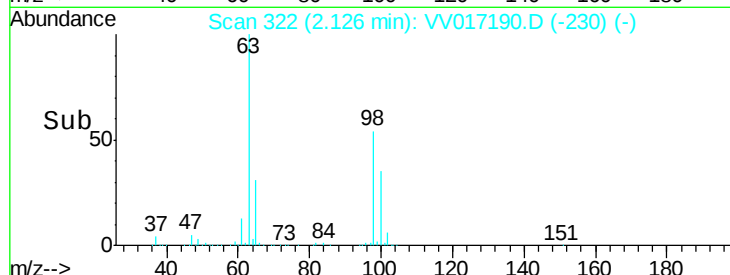
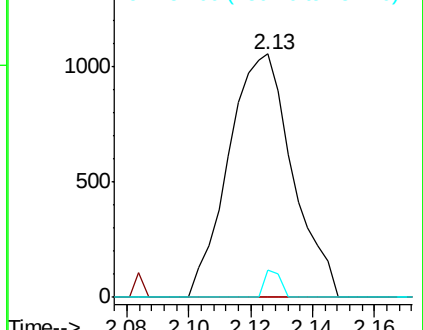
151 2.8 63.9 95.9#



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: 0.831 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017190.D

Acq: 26 Jun 2020 18:36

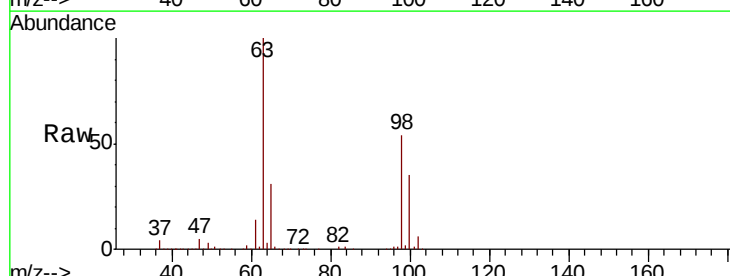
Tgt Ion: 96 Resp: 1453

Ion Ratio Lower Upper

96 100

61 1520.6 130.4 242.2#

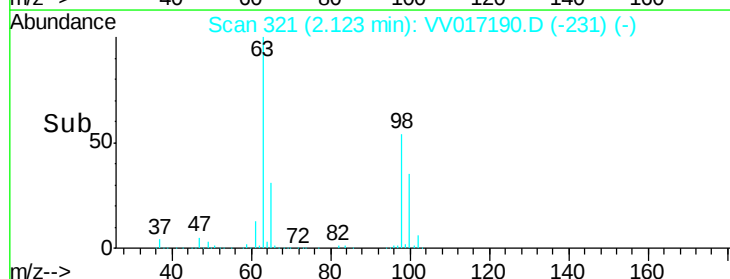
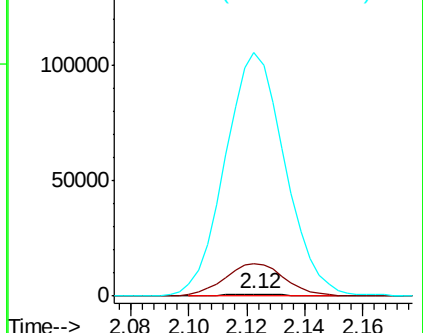
63 11255.6 103.3 191.9#

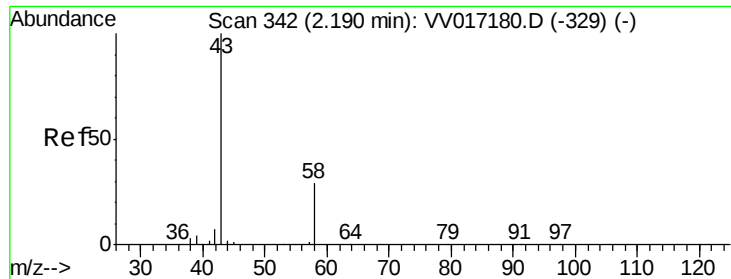


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 2.121 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.01 min

Lab File: VV017190.D

Acq: 26 Jun 2020 18:36

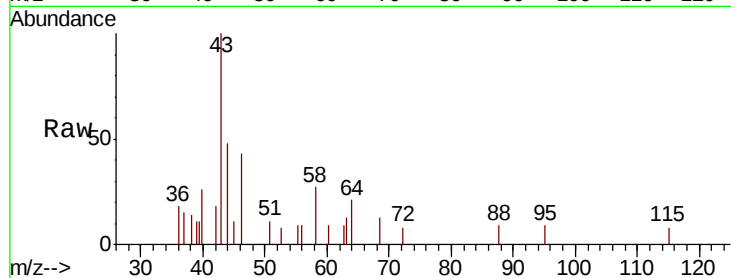
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 2571

Ion Ratio Lower Upper

43 100

58 32.4 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV017190.D (-329) (-)

Ion 58.00 (57.70 to 58.70): VV017190.D (-329) (-)

2.20

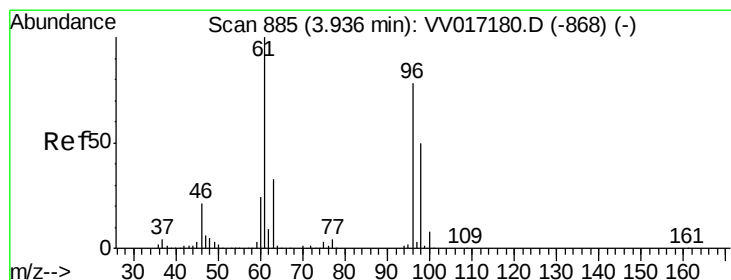
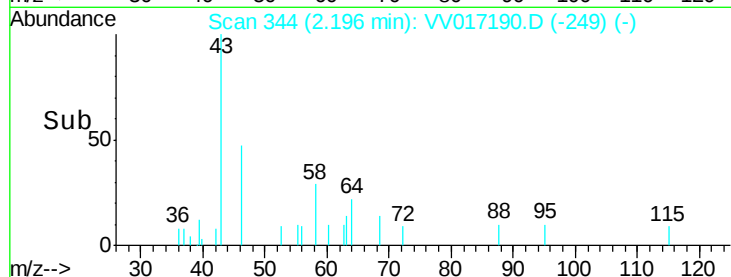
1500

1000

500

0

Time-->



#20

cis-1,2-Dichloroethene

Concen: 1.153 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV017190.D

Acq: 26 Jun 2020 18:36

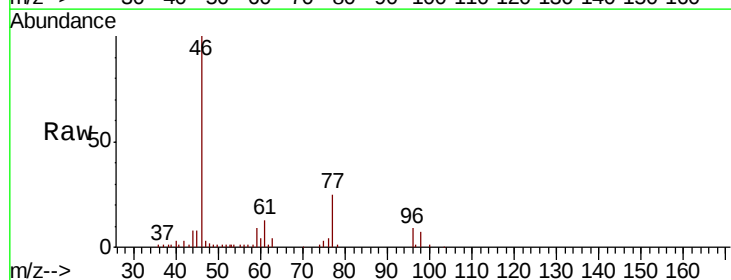
Tgt Ion: 96 Resp: 2997

Ion Ratio Lower Upper

96 100

61 133.8 93.4 173.4

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV017190.D (-868) (-)

Ion 61.00 (60.70 to 61.70): VV017190.D (-868) (-)

Ion 68.00 (67.70 to 68.70): VV017190.D (-868) (-)

4000

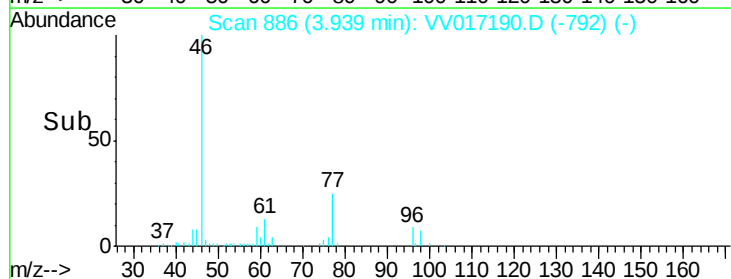
3000

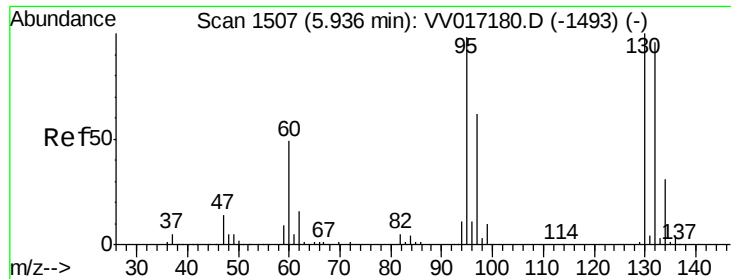
2000

1000

0

Time-->





#34

Trichloroethene

Concen: 5.212 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

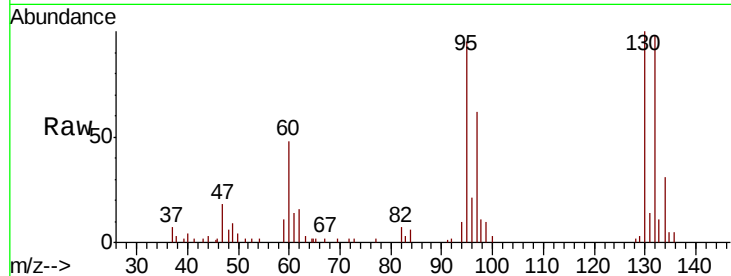
Lab File: VV017190.D

Acq: 26 Jun 2020 18:36

Instrument :

MSVOA_V

ClientSampleId :



Tot Ion: 95 Resp: 13645

Ion Ratio Lower Upper

95 100

97 64.9 44.3 82.3

132 103.3 67.9 126.1

130 105.2 72.2 134.2

