

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060520\
 Data File : VV016526.D
 Acq On : 05 Jun 2020 11:23
 Operator : SY/MD
 Sample : L2836-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 06 00:09:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 06 00:07:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	373346	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	353526	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	163802	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	115508	43.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.36%
7) Chloroethane-d5	1.56	69	84162	44.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.18%
11) 1,1-Dichloroethene-d2	2.12	63	160318	34.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.40%
21) 2-Butanone-d5	3.89	46	195347	115.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.53%
24) Chloroform-d	4.37	84	247223	49.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.64%
26) 1,2-Dichloroethane-d4	5.05	65	173578	52.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.46%
32) Benzene-d6	5.07	84	492106	51.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.92%
36) 1,2-Dichloropropane-d6	6.09	67	155912	52.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.68%
41) Toluene-d8	7.34	98	439351	51.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.16%
43) trans-1,3-Dichloropropene-	7.64	79	71258	49.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.10%
47) 2-Hexanone-d5	8.11	63	145696	115.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.29%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	207301	51.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	178626	58.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.06%

Target Compounds

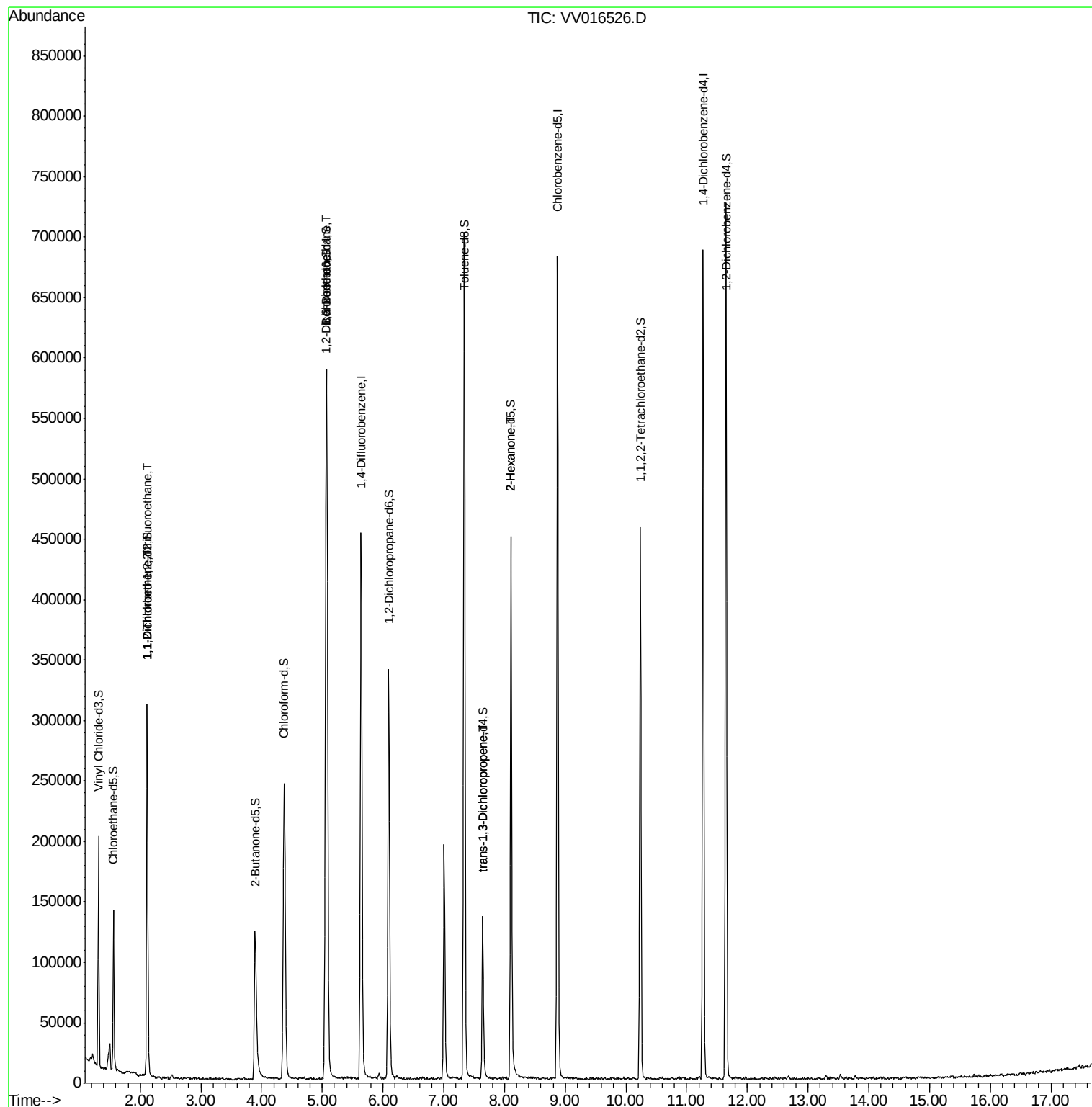
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1605	0.745 ug/L #	21
12) 1,1-Dichloroethene	2.11	96	1610	0.777 ug/L #	1
27) 1,2-Dichloroethane	5.07	62	3970	0.964 ug/L	100
44) trans-1,3-Dichloropropene	7.64	75	3630	0.936 ug/L	86
48) 2-Hexanone	8.11	43	18591	6.413 ug/L #	66

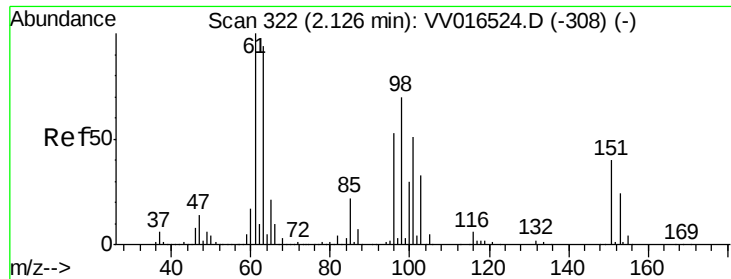
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 06 00:07:58 2020
Response via : Initial Calibration





#10

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

Concen: 0.745 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016526.D

Acq: 05 Jun 2020 11:23

Instrument :

MSVOA_V

ClientSampled :

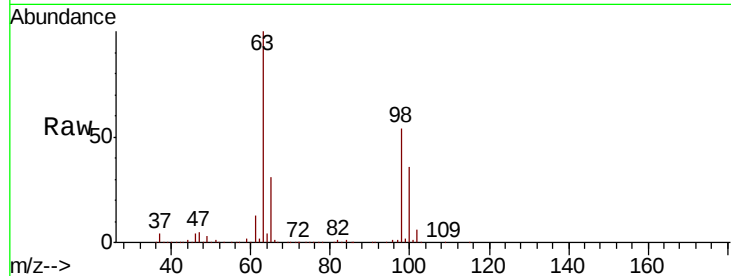
Tot Ion:101 Resp: 1605

Ion Ratio Lower Upper

101 100

85 3.9 35.6 53.4#

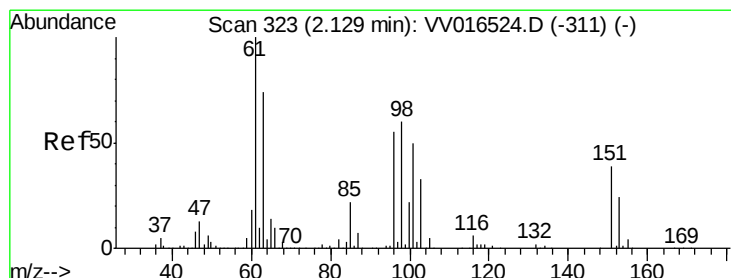
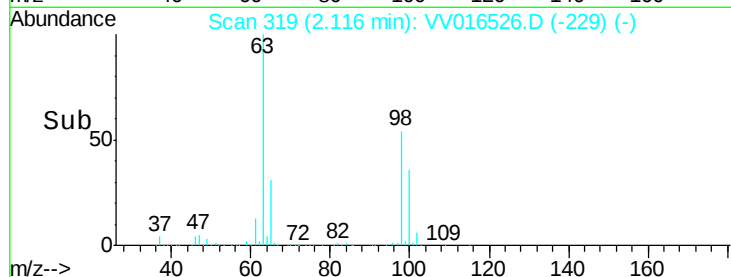
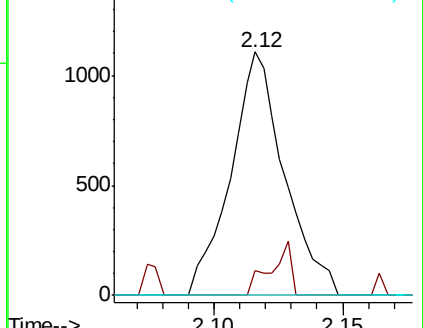
151 0.0 61.8 92.8#



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: 0.777 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.02 min

Lab File: VV016526.D

Acq: 05 Jun 2020 11:23

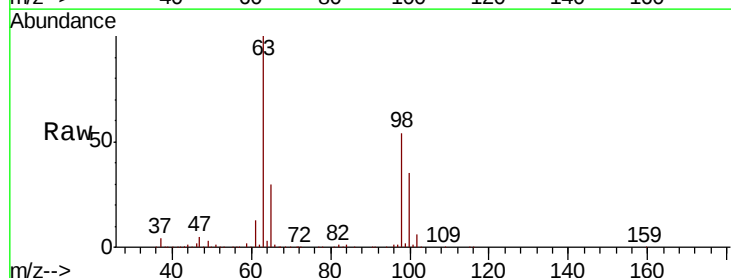
Tgt Ion: 96 Resp: 1610

Ion Ratio Lower Upper

96 100

61 1236.5 125.5 233.1#

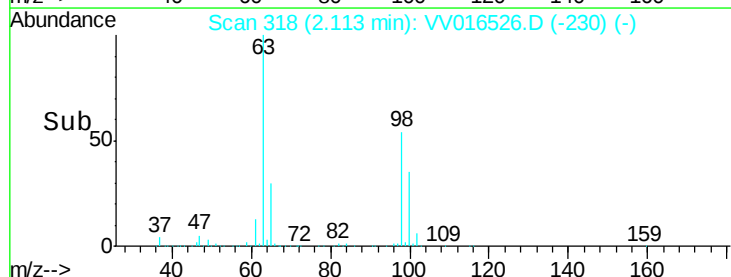
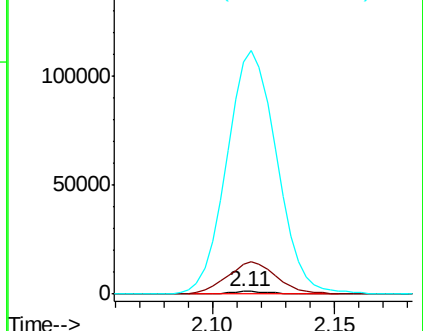
63 9587.8 104.0 193.1#

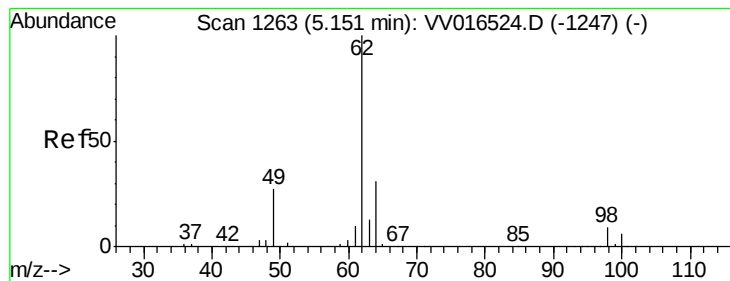


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#27

1,2-Dichloroethane

Concen: 0.964 ug/L

RT: 5.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: VV016526.D

Acq: 05 Jun 2020 11:23

Instrument :

MSVOA_V

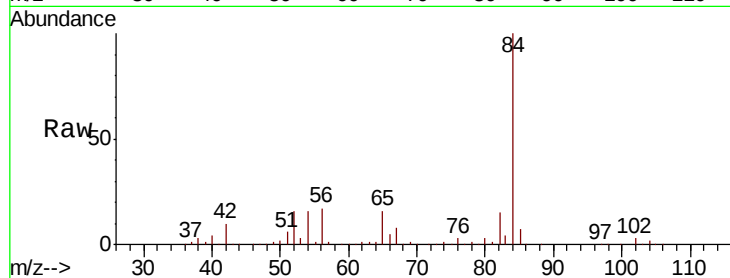
ClientSampleId :

Tot Ion: 62 Resp: 3970

Ion Ratio Lower Upper

62 100

98 8.7 6.9 10.3



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

5.07

1500

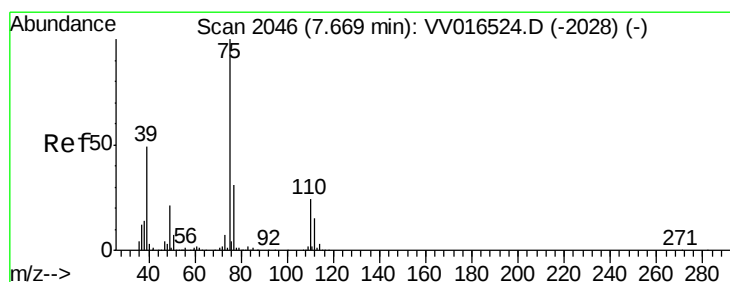
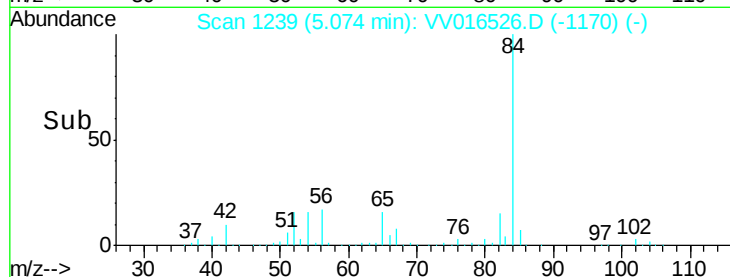
1000

500

0

Time-->

5.00 5.05 5.10 5.15



#44

trans-1,3-Dichloropropene

Concen: 0.936 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV016526.D

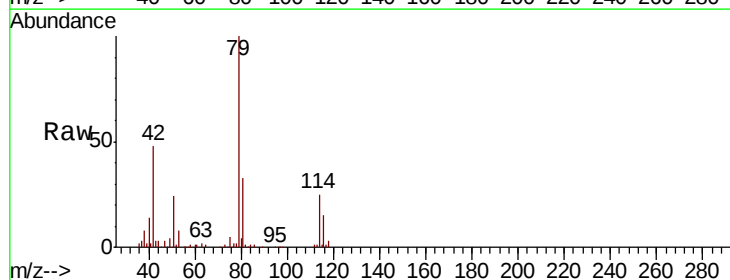
Acq: 05 Jun 2020 11:23

Tgt Ion: 75 Resp: 3630

Ion Ratio Lower Upper

75 100

77 39.7 22.2 41.2



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

7.64

2000

1500

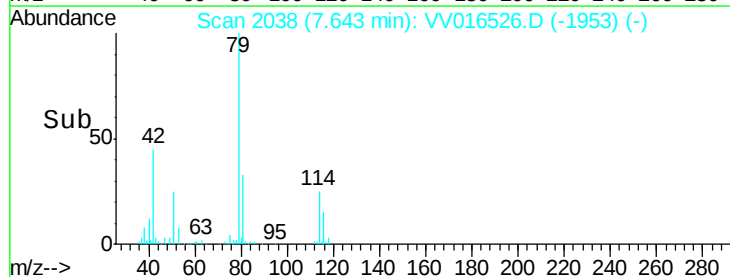
1000

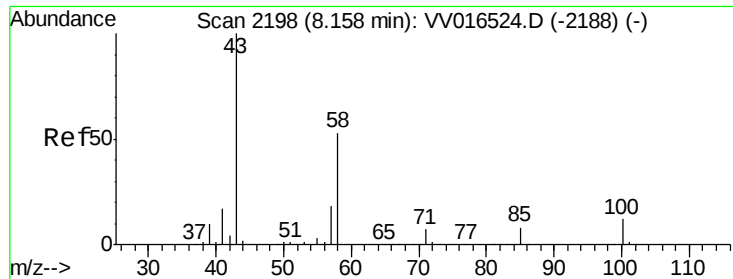
500

0

Time-->

7.60 7.65 7.70





#48

2-Hexanone

Concen: 6.413 ug/L

RT: 8.11 min Scan# 2182

Delta R.T. -0.05 min

Lab File: VV016526.D

Acq: 05 Jun 2020 11:23

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	43	Resp:	18591
Ion	Ratio	Lower	Upper
43	100		
58	24.3	42.7	64.1#
57	25.2	14.5	21.7#
100	0.5	9.4	14.2#

