

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062920\
 Data File : VV017239.D
 Acq On : 29 Jun 2020 14:29
 Operator : SY/MD
 Sample : L3135-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9Q54

Quant Time: Jun 30 07:43:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 30 07:40:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	283167	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	266578	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	125349	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85750	42.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.84%
7) Chloroethane-d5	1.58	69	63111	52.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.28%
11) 1,1-Dichloroethene-d2	2.12	63	142568	42.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.98%
21) 2-Butanone-d5	3.90	46	156285	105.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.68%
24) Chloroform-d	4.38	84	226311	55.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.40%
26) 1,2-Dichloroethane-d4	5.06	65	161862	58.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.14%
32) Benzene-d6	5.08	84	410185	53.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.76%
36) 1,2-Dichloropropane-d6	6.09	67	124042	51.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.56%
41) Toluene-d8	7.34	98	372907	52.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.76%
43) trans-1,3-Dichloropropene-	7.64	79	66406	53.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.46%
47) 2-Hexanone-d5	8.11	63	102287	97.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.95%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	167440	52.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	160694	60.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	120.14%#

Target Compounds

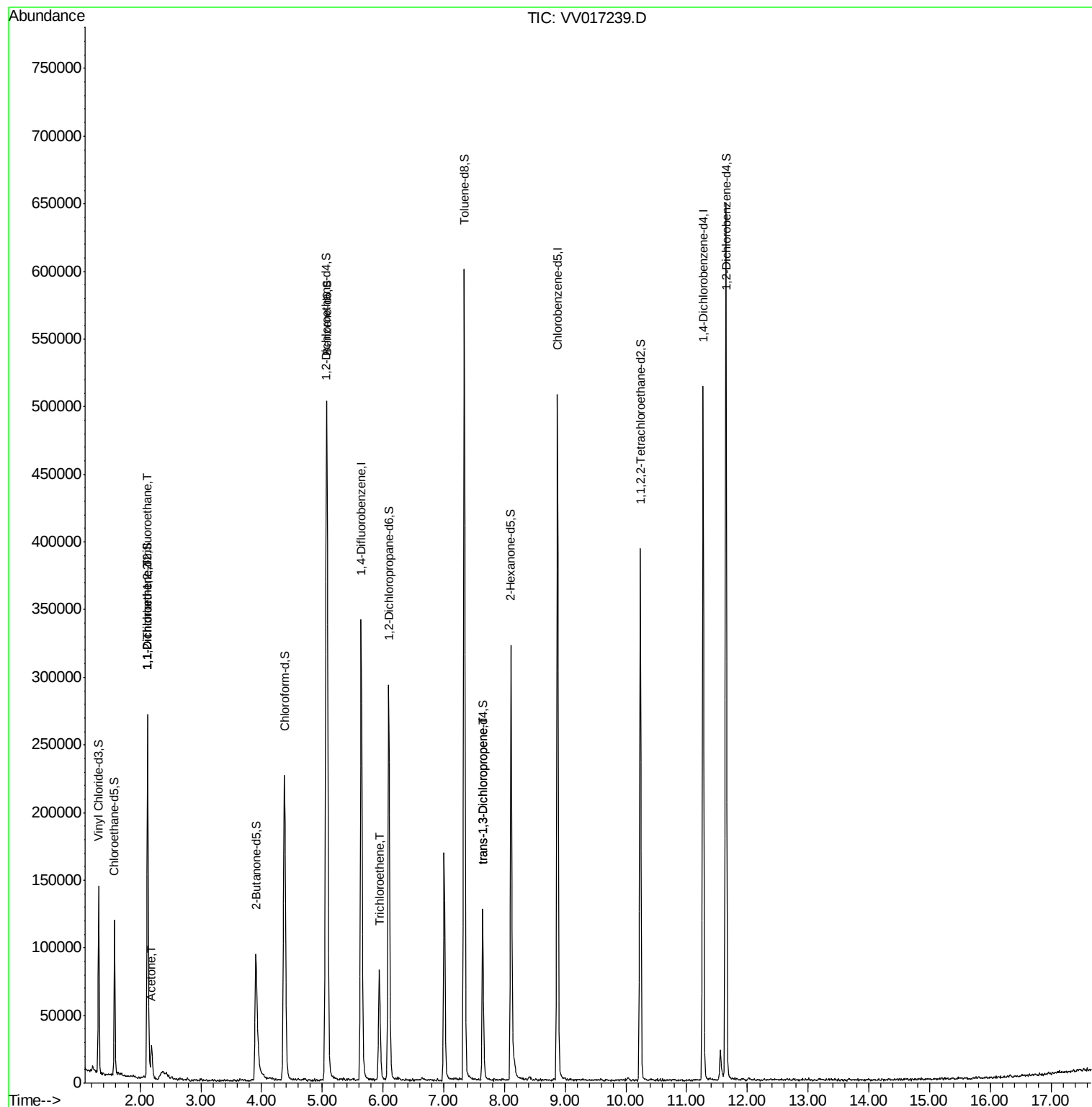
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1348	0.895 ug/L #	20
12) 1,1-Dichloroethene	2.12	96	1180	0.840 ug/L #	1
13) Acetone	2.19	43	29675	30.455 ug/L	98
34) Trichloroethene	5.94	95	25539	12.073 ug/L	99
44) trans-1,3-Dichloropropene	7.64	75	2959	0.955 ug/L	89

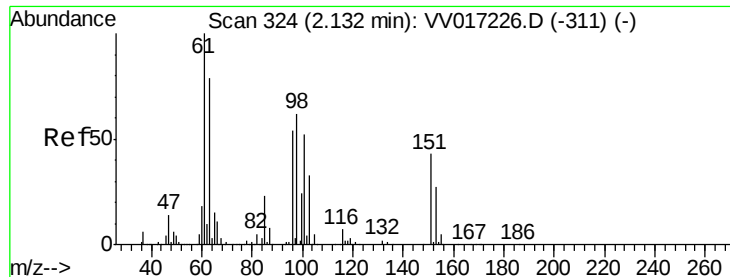
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.895 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017239.D

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MSVOA_V

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F9Q54

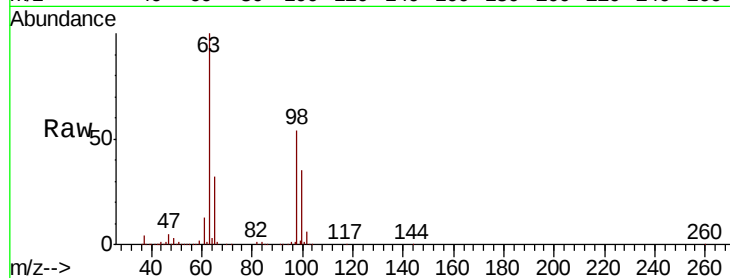
Tot Ion:101 Resp: 1348

Ion Ratio Lower Upper

101 100

85 5.6 35.5 53.3#

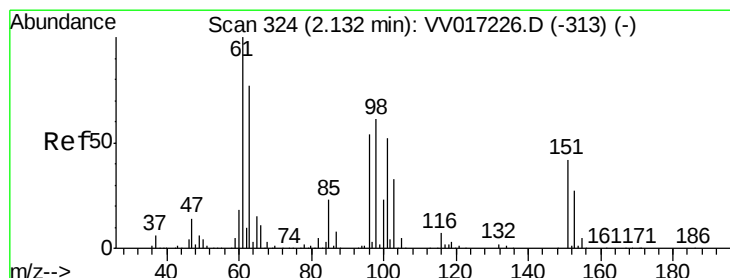
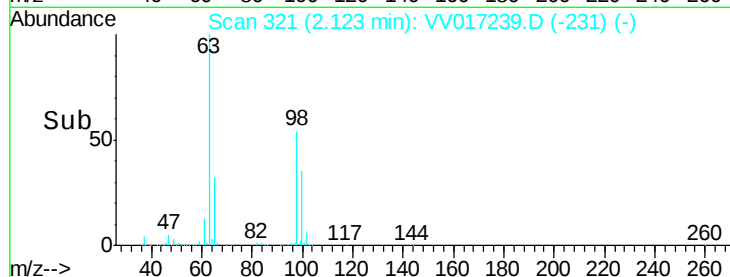
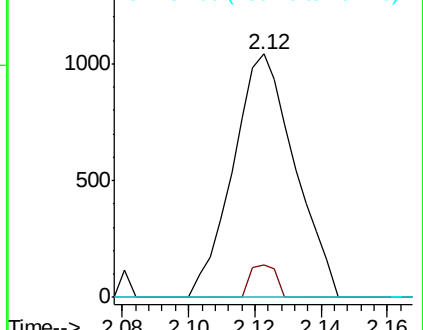
151 0.0 63.9 95.9#



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: 0.840 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017239.D

Acq: 29 Jun 2020 14:29

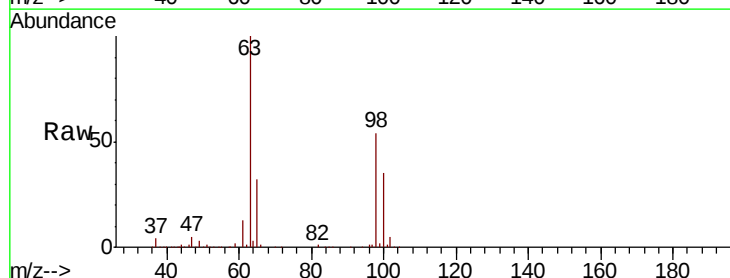
Tgt Ion: 96 Resp: 1180

Ion Ratio Lower Upper

96 100

61 1573.8 130.4 242.2#

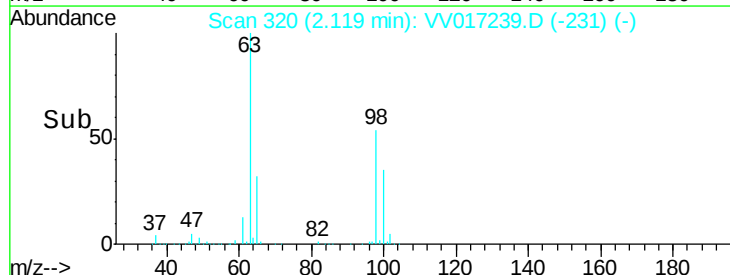
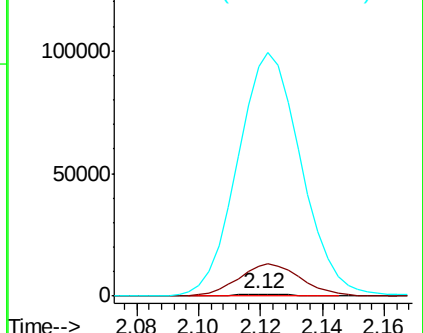
63 12086.8 103.3 191.9#

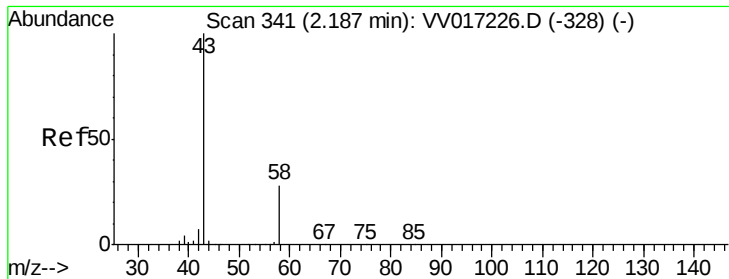


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 30.455 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV017239.D

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ClientSampleId :

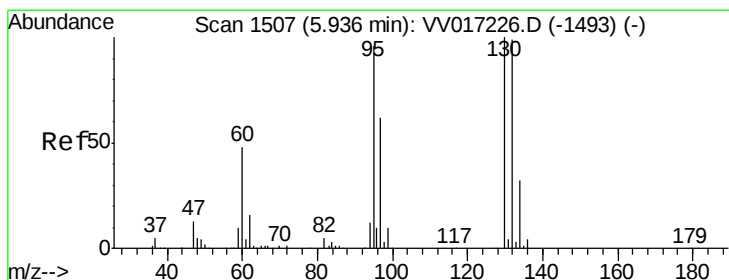
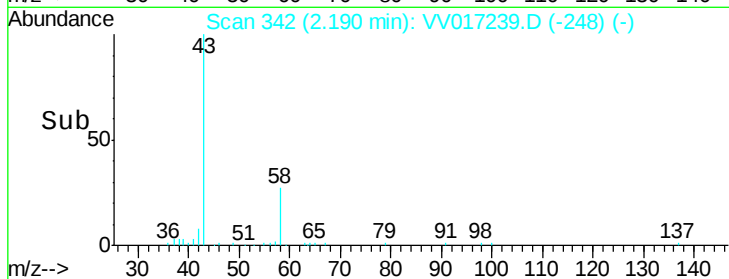
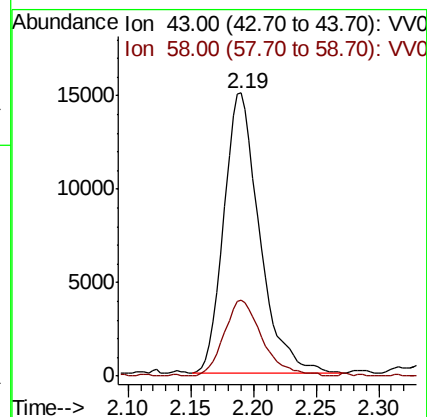
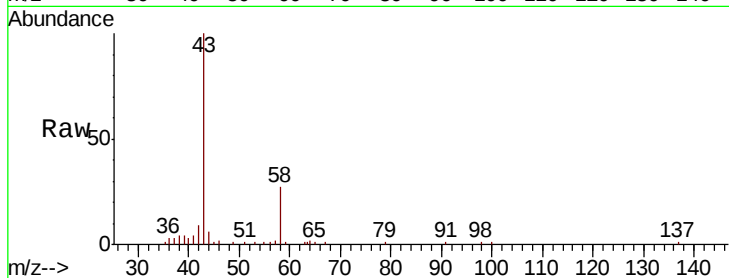
F9Q54

Tot Ion: 43 Resp: 29675

Ion Ratio Lower Upper

43 100

58 28.8 0.0 55.2



#34

Trichloroethene

Concen: 12.073 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV017239.D

Acq: 29 Jun 2020 14:29

Tgt Ion: 95 Resp: 25539

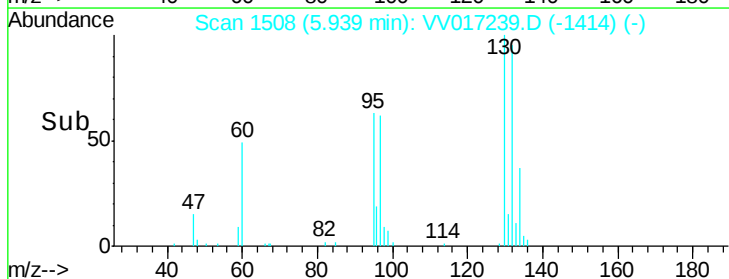
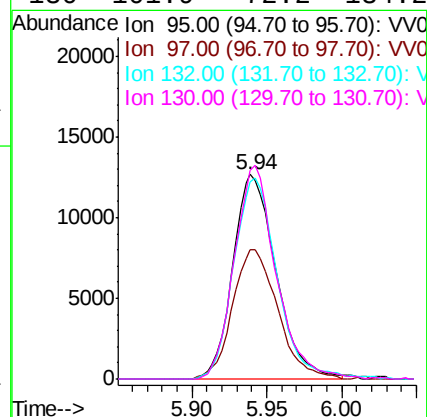
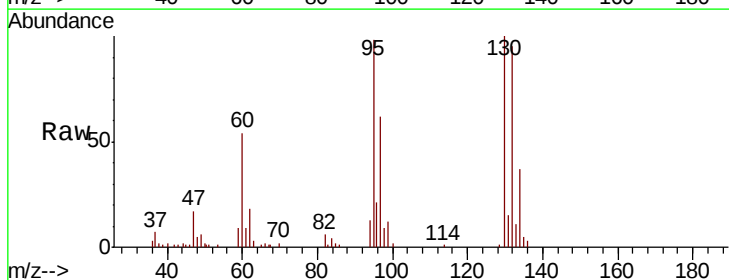
Ion Ratio Lower Upper

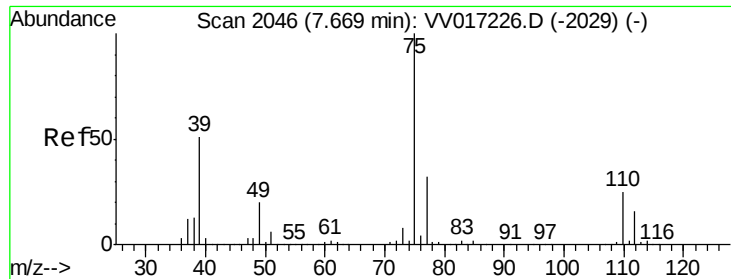
95 100

97 63.0 44.3 82.3

132 96.6 67.9 126.1

130 101.9 72.2 134.2





#44

trans-1,3-Dichloropropene

Concen: 0.955 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV017239.D

Acq: 29 Jun 2020 14:29

Instrument :

MSVOA_V

ClientSampleId :

F9Q54

Tot Ion: 75 Resp: 2959

Ion Ratio Lower Upper

75 100

77 37.2 21.7 40.3

