

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062920\
 Data File : VV017235.D
 Acq On : 29 Jun 2020 12:56
 Operator : SY/MD
 Sample : L3135-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9Q39

Quant Time: Jun 30 07:43:15 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	353103	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	334716	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	158186	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	89149	35.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.56%
7) Chloroethane-d5	1.58	69	71110	47.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.12%
11) 1,1-Dichloroethene-d2	2.12	63	148858	35.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.16%
21) 2-Butanone-d5	3.91	46	154776	83.93	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.93%
24) Chloroform-d	4.38	84	222764	43.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.94%
26) 1,2-Dichloroethane-d4	5.06	65	164598	47.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.52%
32) Benzene-d6	5.08	84	419305	43.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.92%
36) 1,2-Dichloropropane-d6	6.09	67	127738	42.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.94%
41) Toluene-d8	7.34	98	386452	43.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.30%
43) trans-1,3-Dichloropropene-	7.64	79	67165	42.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.76%
47) 2-Hexanone-d5	8.11	63	104189	79.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.46%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	167092	41.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.94%
64) 1,2-Dichlorobenzene-d4	11.65	152	161521	47.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.70%

Target Compounds

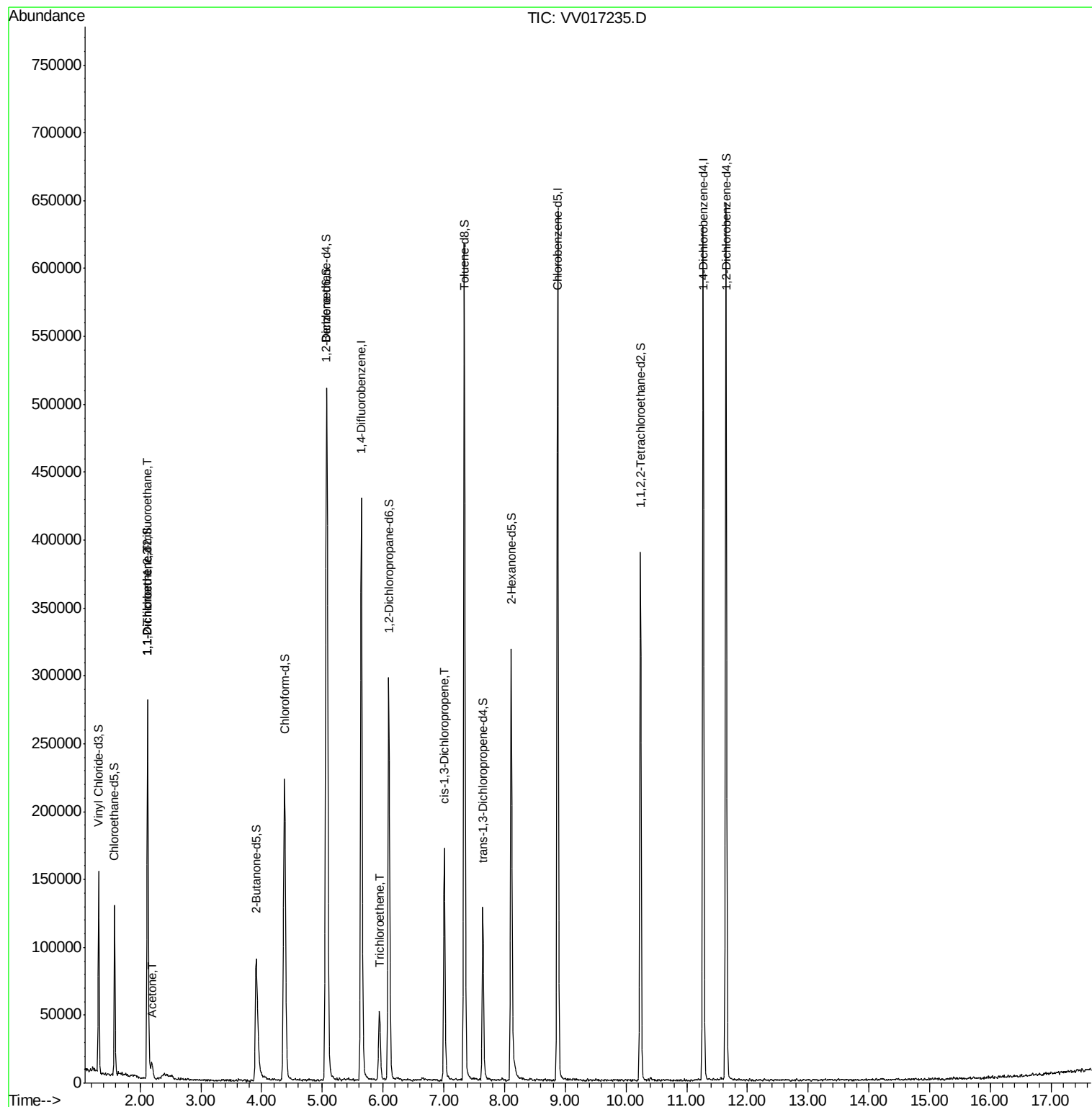
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1445	0.770 ug/L #	20
12) 1,1-Dichloroethene	2.12	96	1236	0.705 ug/L #	1
13) Acetone	2.19	43	14480	11.917 ug/L	90
34) Trichloroethene	5.94	95	14924	5.619 ug/L	96
39) cis-1,3-Dichloropropene	7.01	75	4462	1.115 ug/L #	71

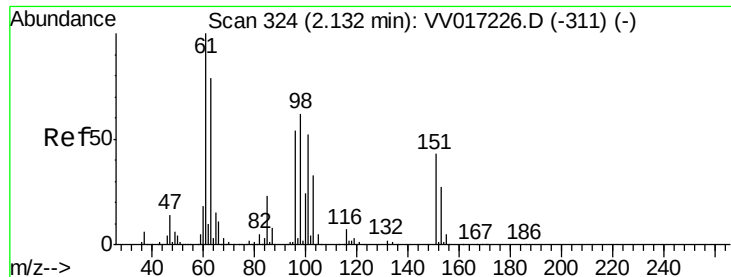
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.770 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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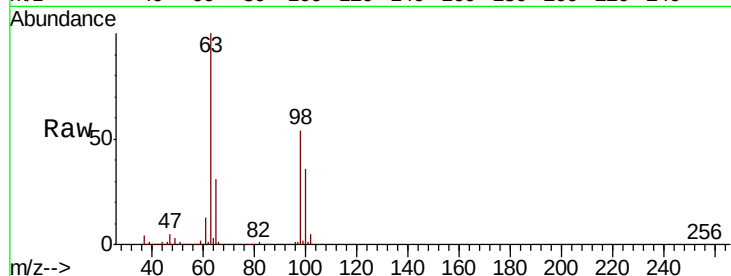
Tot Ion:101 Resp: 1445

Ion Ratio Lower Upper

101 100

85 4.8 35.5 53.3#

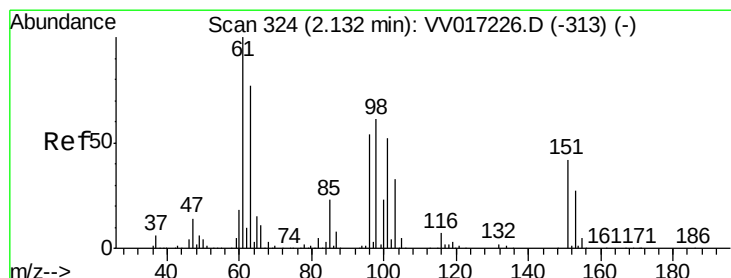
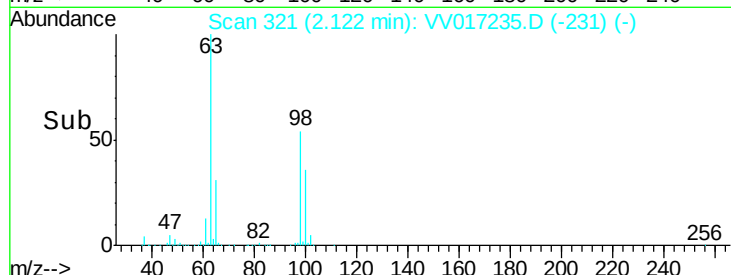
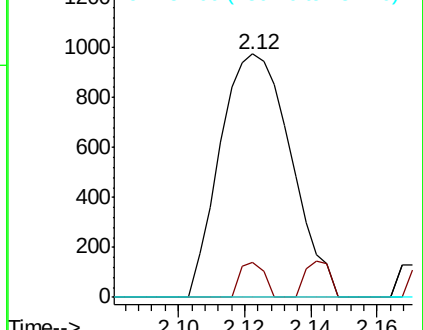
151 0.0 63.9 95.9#



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: 0.705 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017235.D

Acq: 29 Jun 2020 12:56

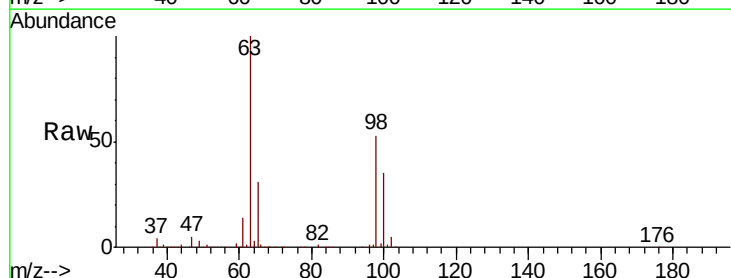
Tgt Ion: 96 Resp: 1236

Ion Ratio Lower Upper

96 100

61 1956.5 130.4 242.2#

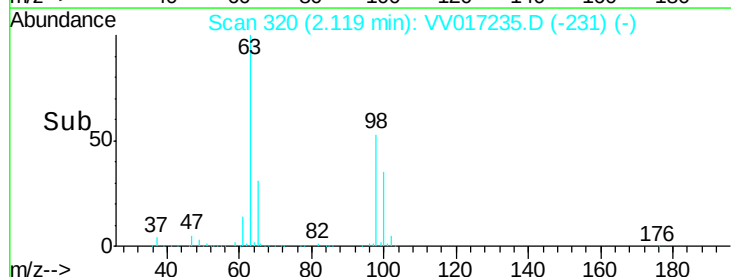
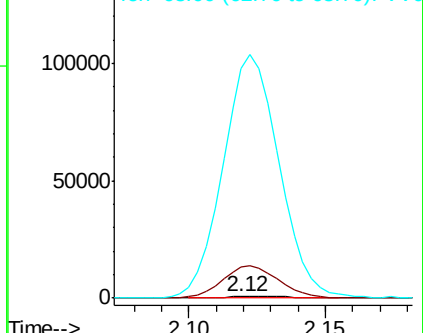
63 14363.7 103.3 191.9#

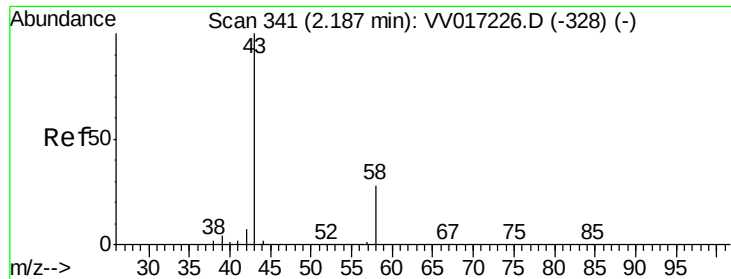


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 11.917 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV017235.D

Acq: 29 Jun 2020 12:56

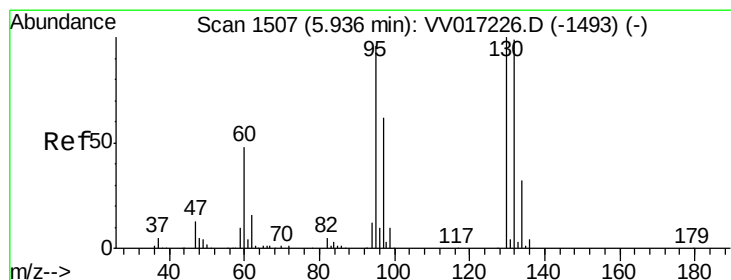
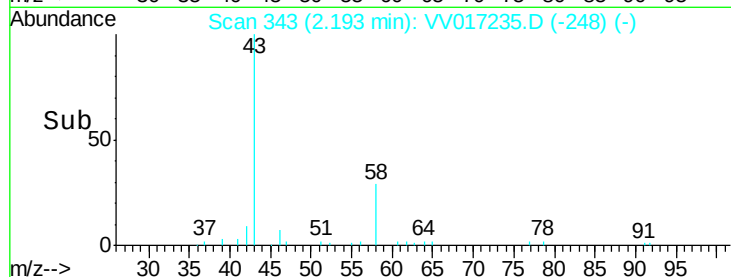
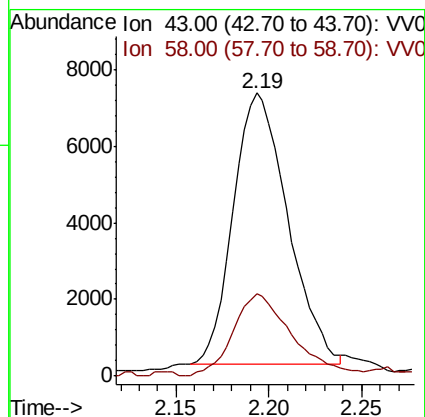
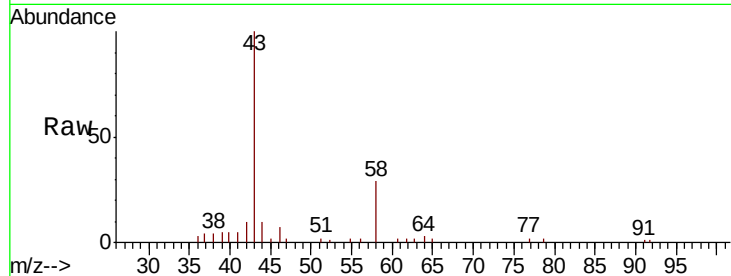
Instrument :
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Tot Ion: 43 Resp: 14480

Ion Ratio Lower Upper

43 100

58 33.0 0.0 55.2



#34

Trichloroethene

Concen: 5.619 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV017235.D

Acq: 29 Jun 2020 12:56

Tgt Ion: 95 Resp: 14924

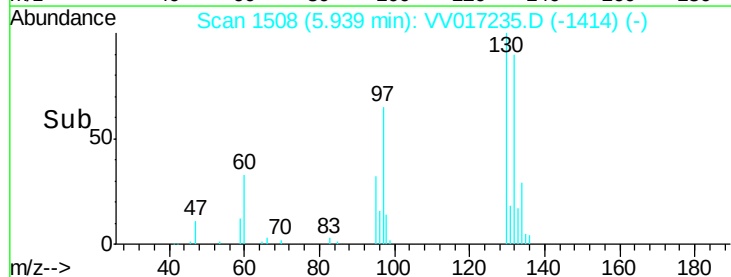
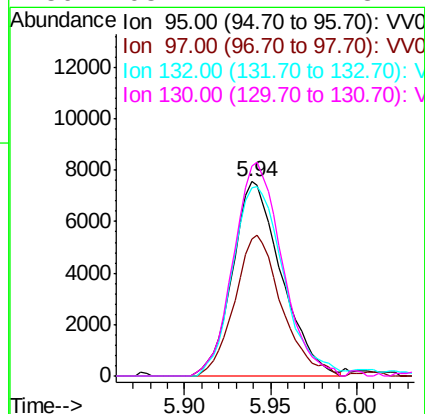
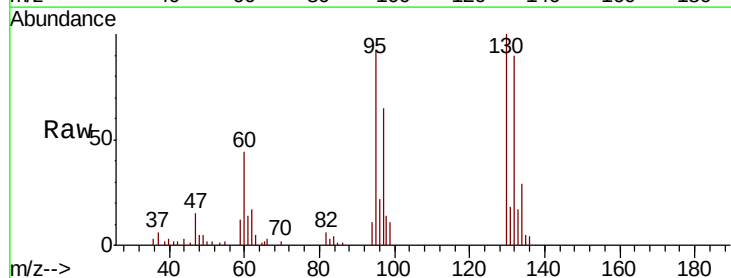
Ion Ratio Lower Upper

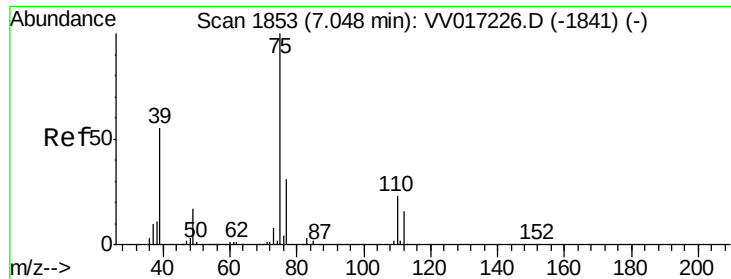
95 100

97 70.6 44.3 82.3

132 97.1 67.9 126.1

130 108.2 72.2 134.2





#39

cis-1,3-Dichloropropene

Concen: 1.115 ug/L

RT: 7.01 min Scan# 1841

Delta R.T. -0.04 min

Lab File: VV017235.D

Acq: 29 Jun 2020 12:56

Instrument :

MSVOA_V

ClientSampleId :

F9Q39

Tot Ion: 75 Resp: 4462

Ion Ratio Lower Upper

75 100

77 48.9 22.7 42.1#

