

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031220\
 Data File : VV014868.D
 Acq On : 12 Mar 2020 15:16
 Operator : SY/MD
 Sample : L1858-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 13 03:32:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 13 03:30:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	393213	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	371623	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	181554	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	109775	41.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.50%
7) Chloroethane-d5	1.58	69	85758	40.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.54%
11) 1,1-Dichloroethene-d2	2.12	63	137986	31.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.42%
21) 2-Butanone-d5	3.93	46	127998	64.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	64.49%
24) Chloroform-d	4.38	84	229622	45.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.14%
26) 1,2-Dichloroethane-d4	5.06	65	152868	44.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.34%
32) Benzene-d6	5.08	84	468092	47.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.09	67	144407	44.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.80%
41) Toluene-d8	7.34	98	447203	46.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.06%
43) trans-1,3-Dichloropropene-	7.64	79	69302	43.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.28%
47) 2-Hexanone-d5	8.12	63	144991	100.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.41%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	202210	45.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	183379	50.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.92%

Target Compounds

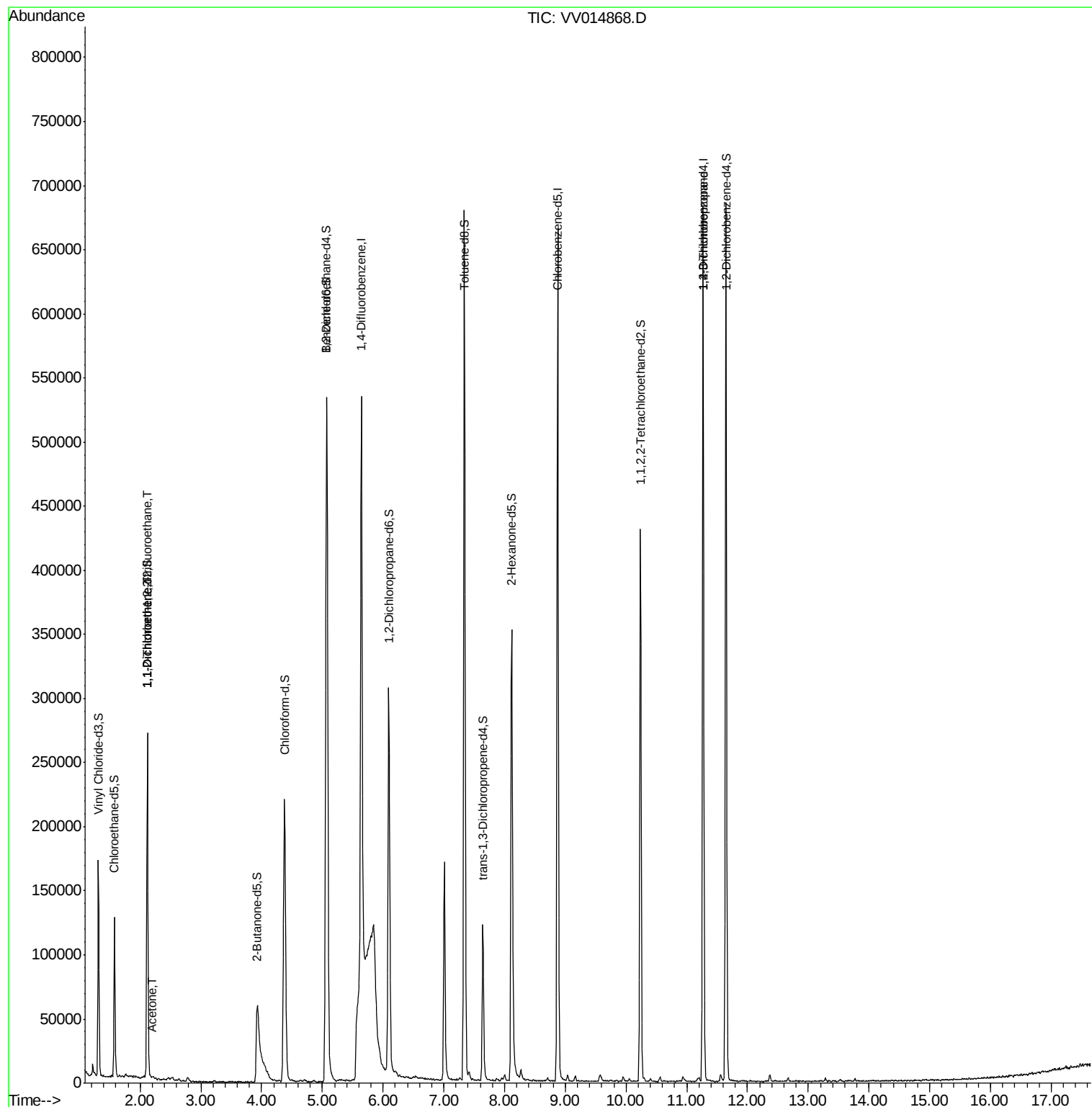
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1854	0.849 ug/L #	30
12) 1,1-Dichloroethene	2.12	96	1813	0.849 ug/L #	1
13) Acetone	2.21	43	1707	1.030 ug/L	85
59) 1,2,3-Trichloropropane	11.27	75	18862	5.077 ug/L	89

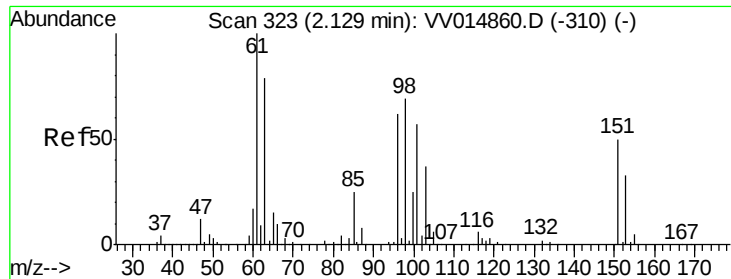
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.849 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV014868.D

Acq: 12 Mar 2020 15:16

Instrument :

MSVOA_V

ClientSampleId :

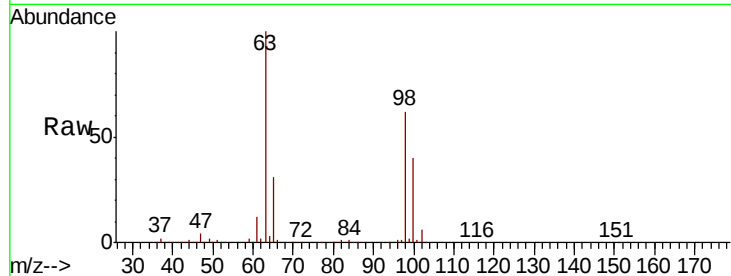
Tot Ion:101 Resp: 1854

Ion Ratio Lower Upper

101 100

85 10.1 35.0 52.6#

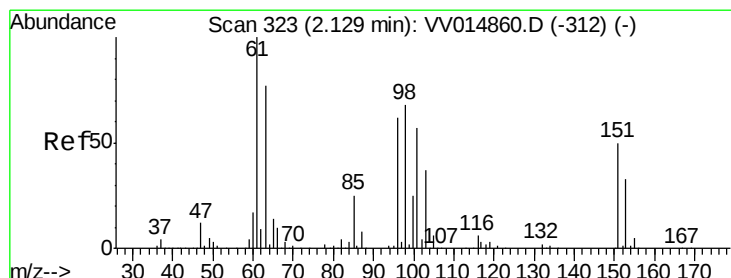
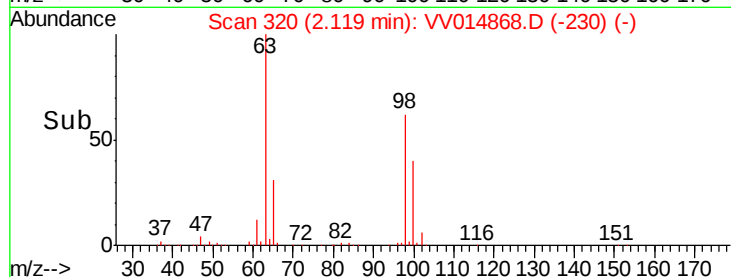
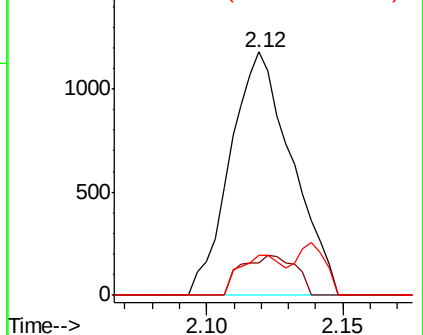
151 11.5 66.4 99.6#



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: 0.849 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV014868.D

Acq: 12 Mar 2020 15:16

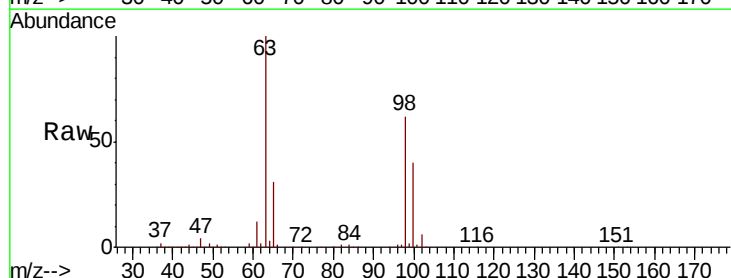
Tgt Ion: 96 Resp: 1813

Ion Ratio Lower Upper

96 100

61 1055.7 118.4 220.0#

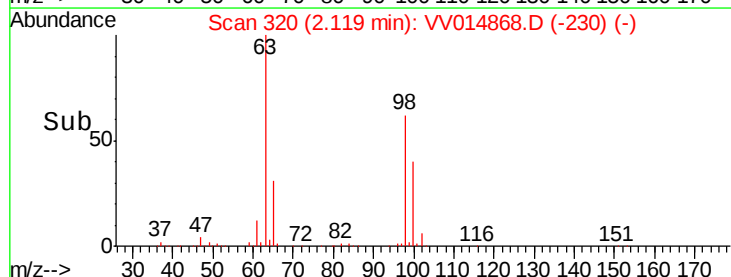
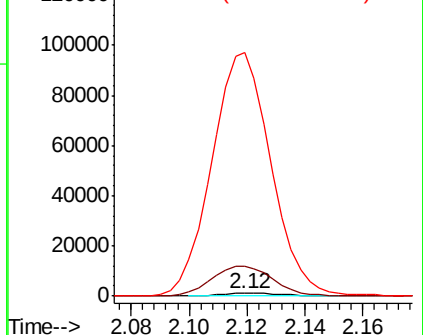
63 8576.0 88.4 164.2#

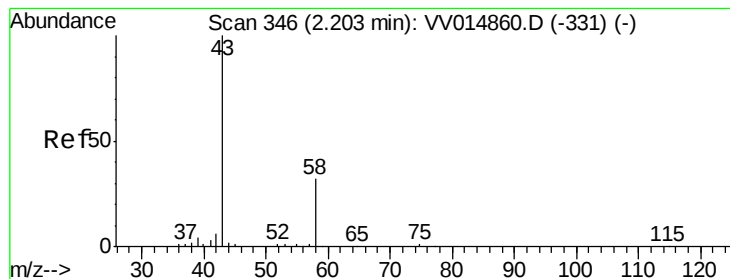


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 1.030 ug/L

RT: 2.21 min Scan# 347

Delta R.T. 0.00 min

Lab File: VV014868.D

Acq: 12 Mar 2020 15:16

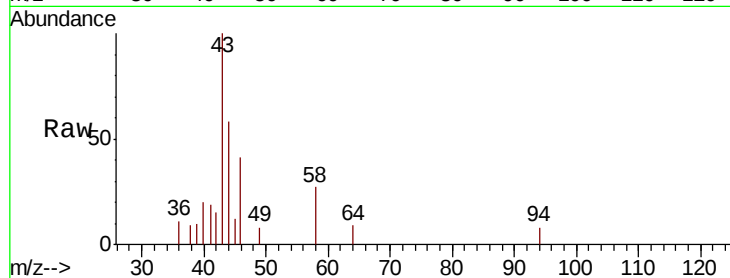
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 1707

Ion Ratio Lower Upper

43 100

58 39.2 0.0 62.2



Abundance Ion 43.00 (42.70 to 43.70): VV014868.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV014868.D (-331) (-)

2.21

1500

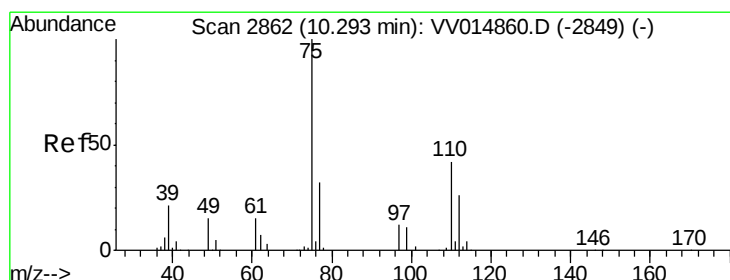
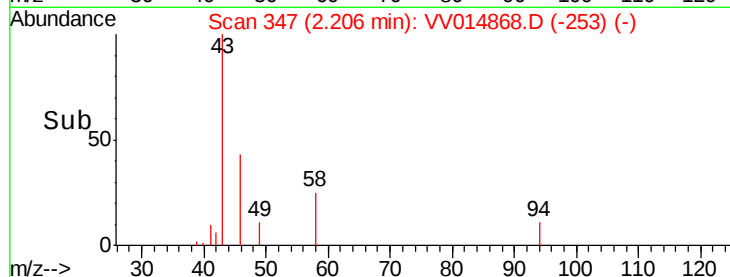
1000

500

0

2.18 2.20 2.22

Time-->



#59

1,2,3-Trichloropropane

Concen: 5.077 ug/L

RT: 11.27 min Scan# 3165

Delta R.T. 0.97 min

Lab File: VV014868.D

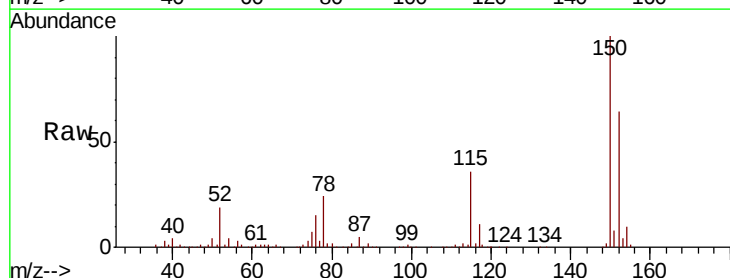
Acq: 12 Mar 2020 15:16

Tgt Ion: 75 Resp: 18862

Ion Ratio Lower Upper

75 100

77 38.0 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VV014868.D (-2240) (-)

Ion 77.00 (76.70 to 77.70): VV014868.D (-2240) (-)

11.27

10000

5000

0

11.25 11.30

Time-->

