

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072220\
 Data File : VV017586.D
 Acq On : 22 Jul 2020 13:51
 Operator : SY/MD
 Sample : L3386-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0F82

Quant Time: Jul 23 05:26:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 23 05:23:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	338473	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	321188	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	161127	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	87516	42.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.74%
7) Chloroethane-d5	1.58	69	66119	46.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.14%
11) 1,1-Dichloroethene-d2	2.12	63	135030	32.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.98%
21) 2-Butanone-d5	3.91	46	142344	90.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.09%
24) Chloroform-d	4.37	84	208079	43.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.72%
26) 1,2-Dichloroethane-d4	5.05	65	150411	46.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.56%
32) Benzene-d6	5.07	84	384776	44.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.72%
36) 1,2-Dichloropropane-d6	6.09	67	116072	45.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.16%
41) Toluene-d8	7.33	98	357255	44.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.26%
43) trans-1,3-Dichloropropene-	7.64	79	65319	43.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.64%
47) 2-Hexanone-d5	8.10	63	101672	86.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.14%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	158797	43.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.72%
64) 1,2-Dichlorobenzene-d4	11.65	152	159149	47.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.26%

Target Compounds

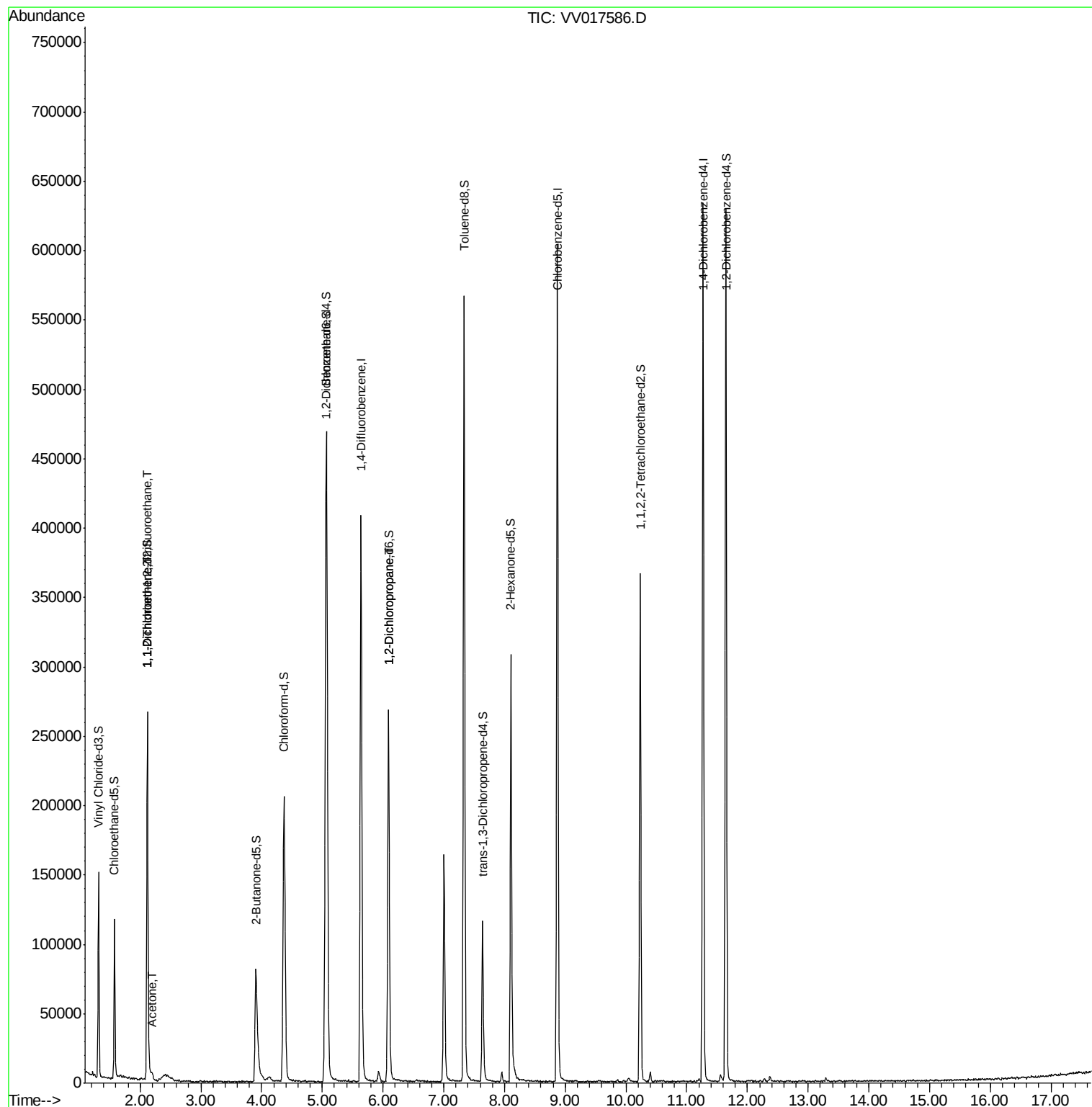
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1431	0.687 ug/L #	20
12) 1,1-Dichloroethene	2.12	96	1461	0.756 ug/L #	1
13) Acetone	2.19	43	7133	5.003 ug/L	96
37) 1,2-Dichloropropane	6.09	63	14922	6.179 ug/L #	86

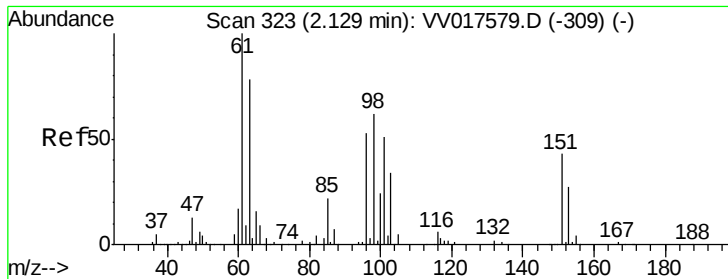
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.687 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

C0F82

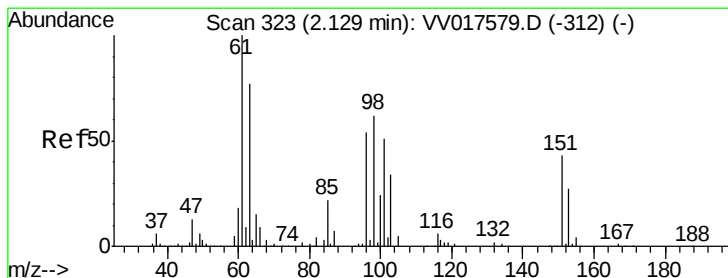
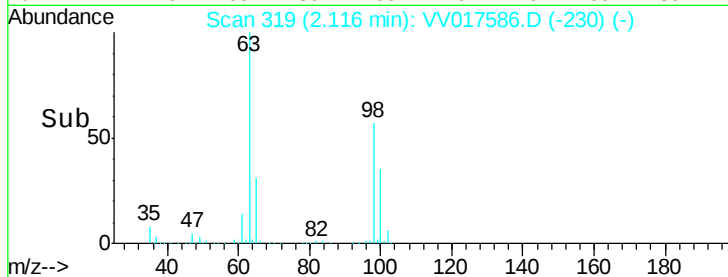
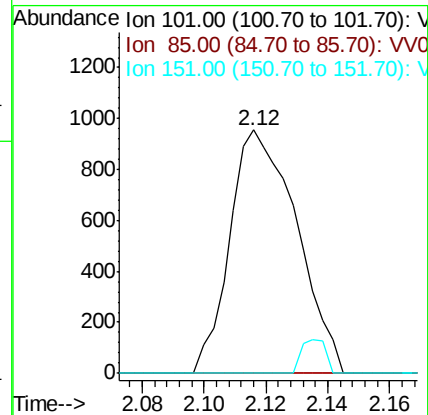
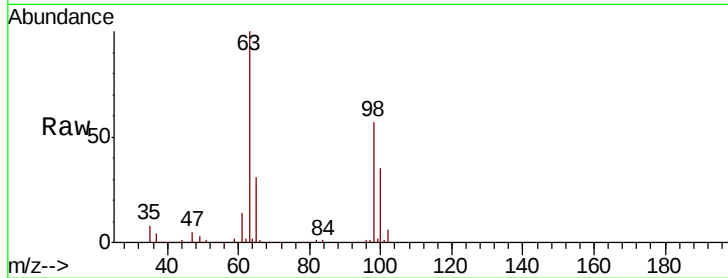
Tot Ion:101 Resp: 1431

Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

151 5.0 67.0 100.4#



#12

1,1-Dichloroethene

Concen: 0.756 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017586.D

Acq: 22 Jul 2020 13:51

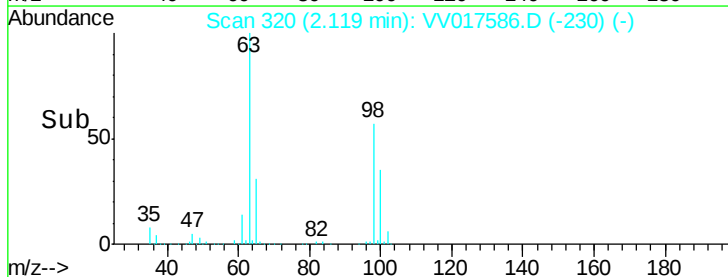
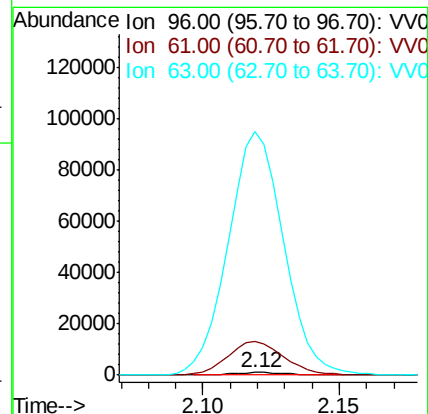
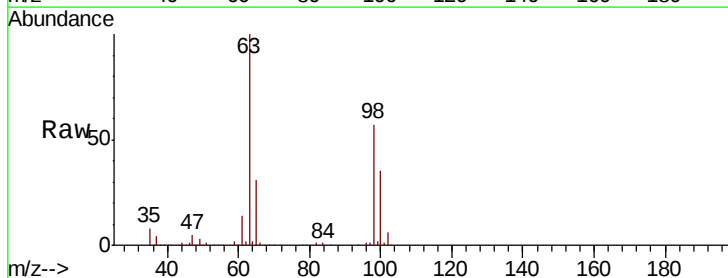
Tgt Ion: 96 Resp: 1461

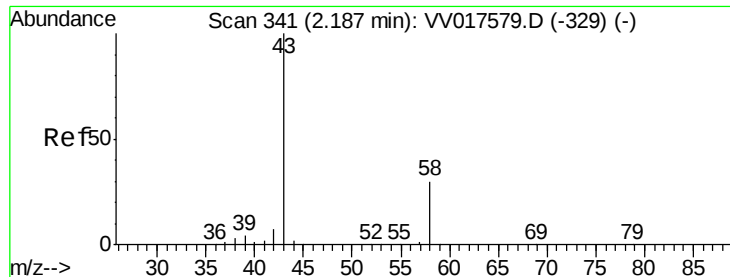
Ion Ratio Lower Upper

96 100

61 1340.8 124.5 231.3#

63 9744.4 89.0 165.4#





#13

Acetone

Concen: 5.003 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

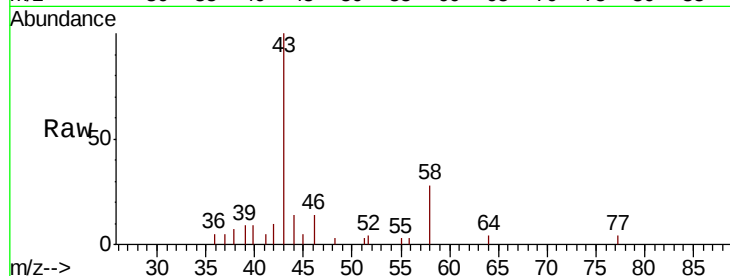
C0F82

Tot Ion: 43 Resp: 7133

Ion Ratio Lower Upper

43 100

58 30.9 0.0 58.0



Abundance Ion 43.00 (42.70 to 43.70): VV017579.D (-329) (-)

Ion 58.00 (57.70 to 58.70): VV017579.D (-329) (-)

2.19

3000

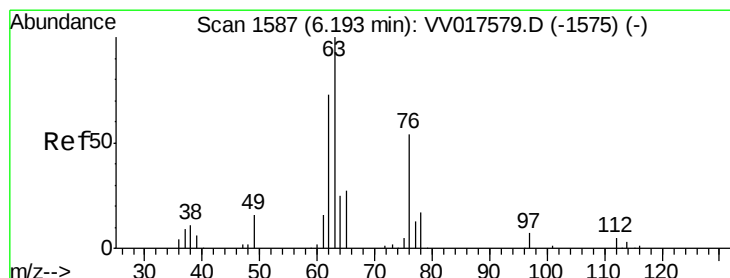
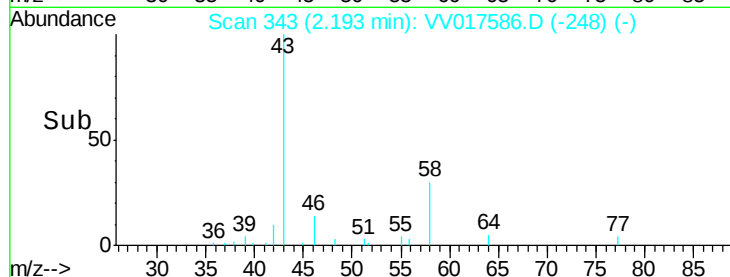
2000

1000

0

Time-->

2.15 2.20 2.25



#37

1,2-Dichloropropane

Concen: 6.179 ug/L

RT: 6.09 min Scan# 1555

Delta R.T. -0.10 min

Lab File: VV017586.D

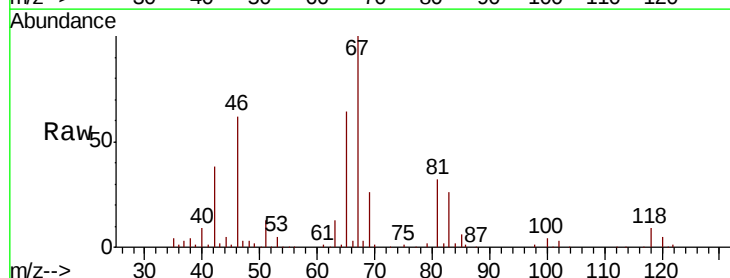
Acq: 22 Jul 2020 13:51

Tgt Ion: 63 Resp: 14922

Ion Ratio Lower Upper

63 100

112 0.3 3.8 5.8#



Abundance Ion 63.00 (62.70 to 63.70): VV017579.D (-1575) (-)

Ion 112.00 (111.70 to 112.70): VV017579.D (-1575) (-)

6.09

8000

6000

4000

2000

0

Time-->

6.05 6.10 6.15

