

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080820\
 Data File : VV017881.D
 Acq On : 09 Aug 2020 01:59
 Operator : SY/MD
 Sample : L3608-17
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4L19

Quant Time: Aug 10 05:14:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 10 05:09:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	220615	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	211420	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	108902	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	60764	53.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.66%
7) Chloroethane-d5	1.58	69	52857	54.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.22%
11) 1,1-Dichloroethene-d2	2.12	63	107894	39.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.82%
21) 2-Butanone-d5	3.91	46	71773	100.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.60%
24) Chloroform-d	4.38	84	150788	50.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.94%
26) 1,2-Dichloroethane-d4	5.05	65	119042	54.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.70%
32) Benzene-d6	5.07	84	261577	53.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.16%
36) 1,2-Dichloropropane-d6	6.09	67	69763	56.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.72%
41) Toluene-d8	7.34	98	260141	53.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.02%
43) trans-1,3-Dichloropropene-	7.64	79	37467	47.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.00%
47) 2-Hexanone-d5	8.11	63	42886	95.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.66%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	91318	47.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.64%
64) 1,2-Dichlorobenzene-d4	11.65	152	118707	53.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.94%

Target Compounds

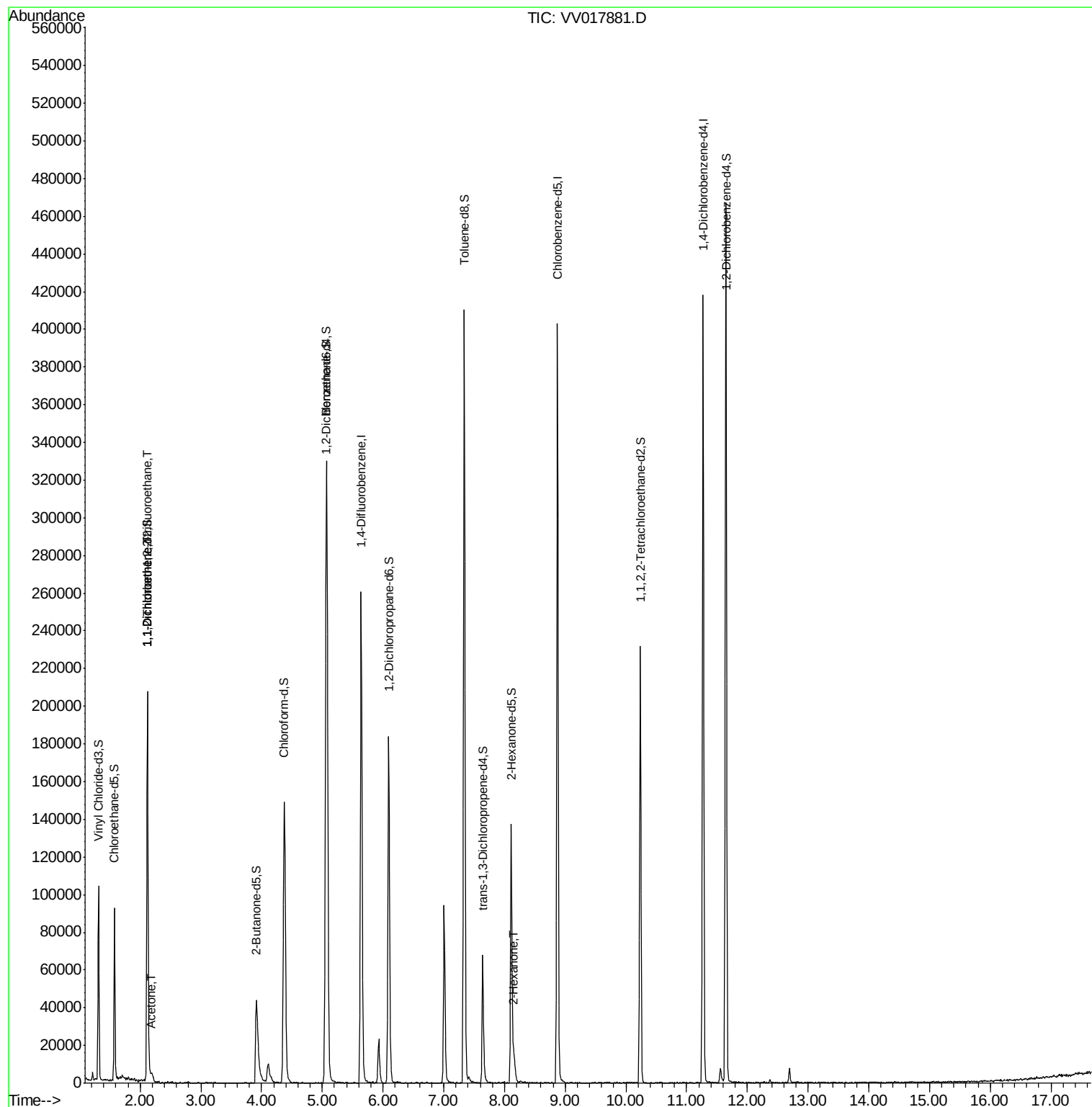
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1104	0.783	ug/L #	14
12) 1,1-Dichloroethene	2.12	96	1213	0.933	ug/L #	1
13) Acetone	2.19	43	6058	6.525	ug/L	80
48) 2-Hexanone	8.16	43	7136	5.975	ug/L #	45

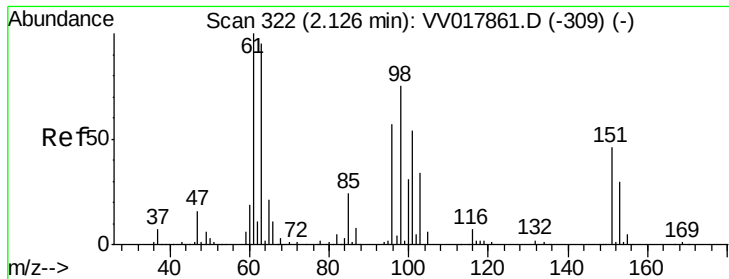
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.783 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.00 min

Lab File: VV017881.D

Acq: 09 Aug 2020 01:59

Instrument :

MSVOA_V

ClientSampled :

F4L19

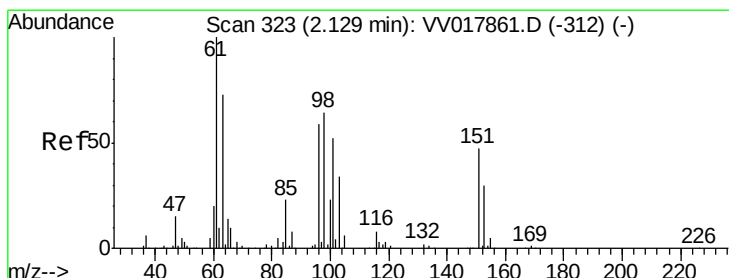
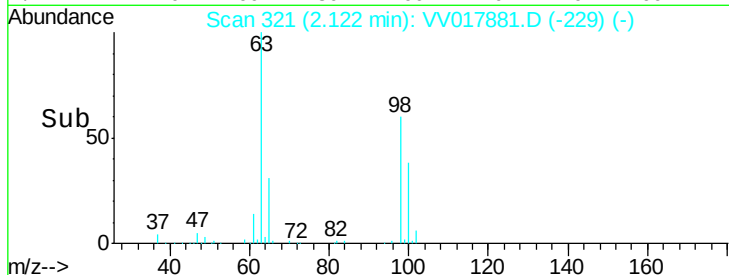
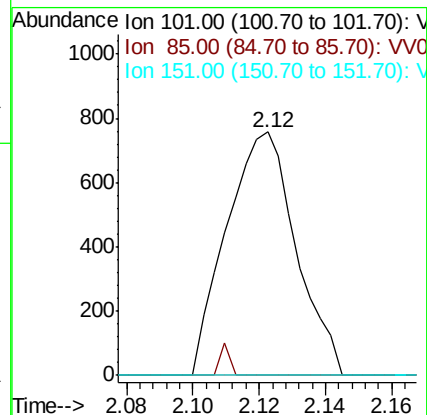
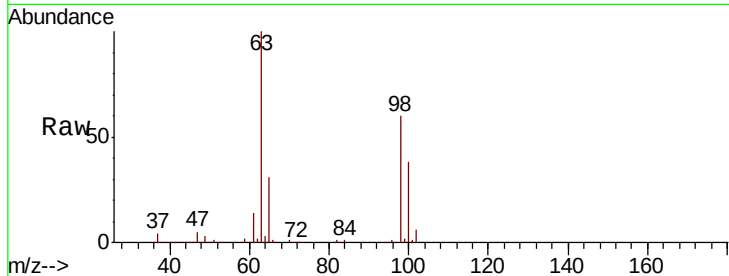
Tot Ion:101 Resp: 1104

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.6#

151 0.0 71.0 106.6#



#12

1,1-Dichloroethene

Concen: 0.933 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV017881.D

Acq: 09 Aug 2020 01:59

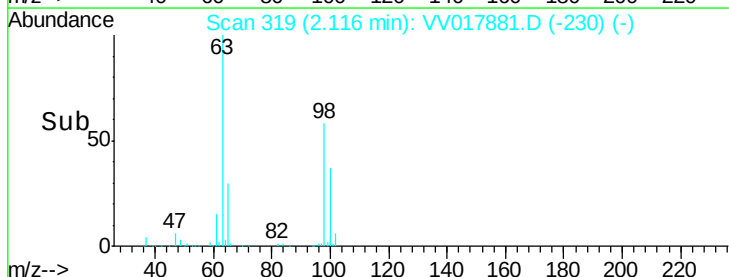
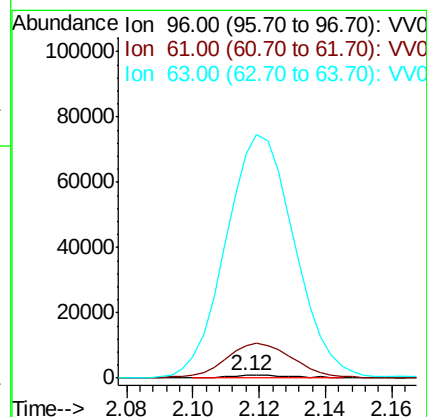
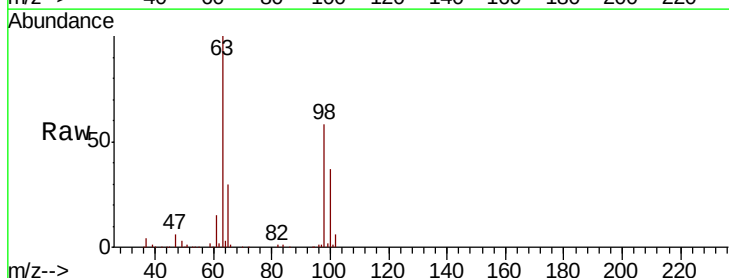
Tgt Ion: 96 Resp: 1213

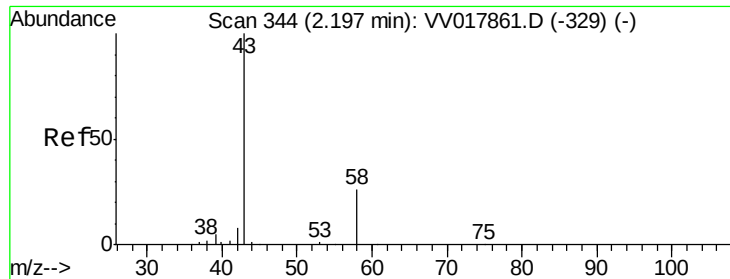
Ion Ratio Lower Upper

96 100

61 1364.3 121.1 224.9#

63 9267.9 98.1 182.1#





#13

Acetone

Concen: 6.525 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

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MSVOA_V

ClientSampleId :

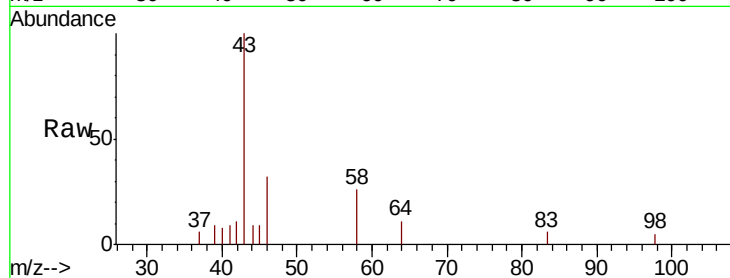
F4L19

Tot Ion: 43 Resp: 6058

Ion Ratio Lower Upper

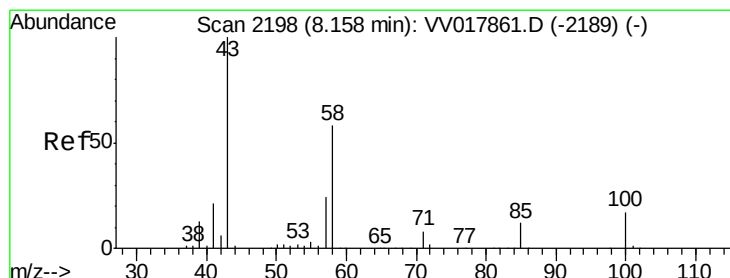
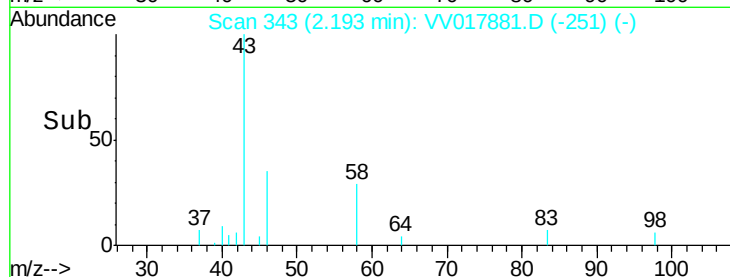
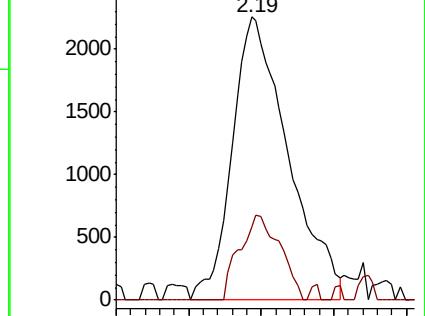
43 100

58 17.2 0.0 54.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#48

2-Hexanone

Concen: 5.975 ug/L

RT: 8.16 min Scan# 2198

Delta R.T. -0.00 min

Lab File: VV017881.D

Acq: 09 Aug 2020 01:59

Tgt Ion: 43 Resp: 7136

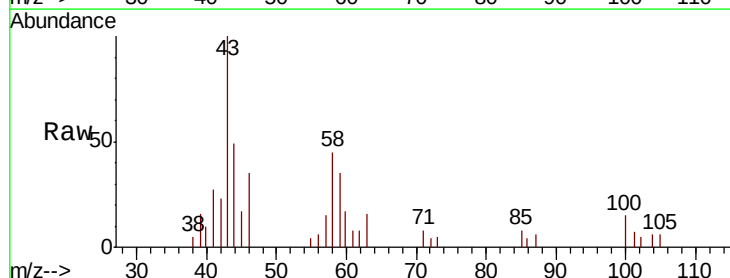
Ion Ratio Lower Upper

43 100

58 0.0 43.8 65.8#

57 7.4 18.0 27.0#

100 8.0 13.8 20.8#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0

