

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010521\
 Data File : VV019888.D
 Acq On : 05 Jan 2021 11:46
 Operator : SY/MD
 Sample : M1016-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4Q7

Quant Time: Jan 06 07:11:02 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 06 07:08:24 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	558640	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	532799	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	241148	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	195327	45.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.36%
7) Chloroethane-d5	1.57	69	173158	50.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.78%
11) 1,1-Dichloroethene-d2	2.11	63	308481	37.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.50%
21) 2-Butanone-d5	3.89	46	312134	97.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.42%
24) Chloroform-d	4.48	84	163	0.02	ug/L	0.13
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.04%#
26) 1,2-Dichloroethane-d4	5.04	65	274248	51.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.74%
32) Benzene-d6	5.05	84	769620	50.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.32%
36) 1,2-Dichloropropane-d6	6.07	67	250177	49.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.18%
41) Toluene-d8	7.32	98	674481	49.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.78%
43) trans-1,3-Dichloropropene-	7.63	79	114727	45.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.50%
47) 2-Hexanone-d5	8.09	63	164994	79.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.13%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	284154	43.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.62%
64) 1,2-Dichlorobenzene-d4	11.63	152	245511	53.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.46%

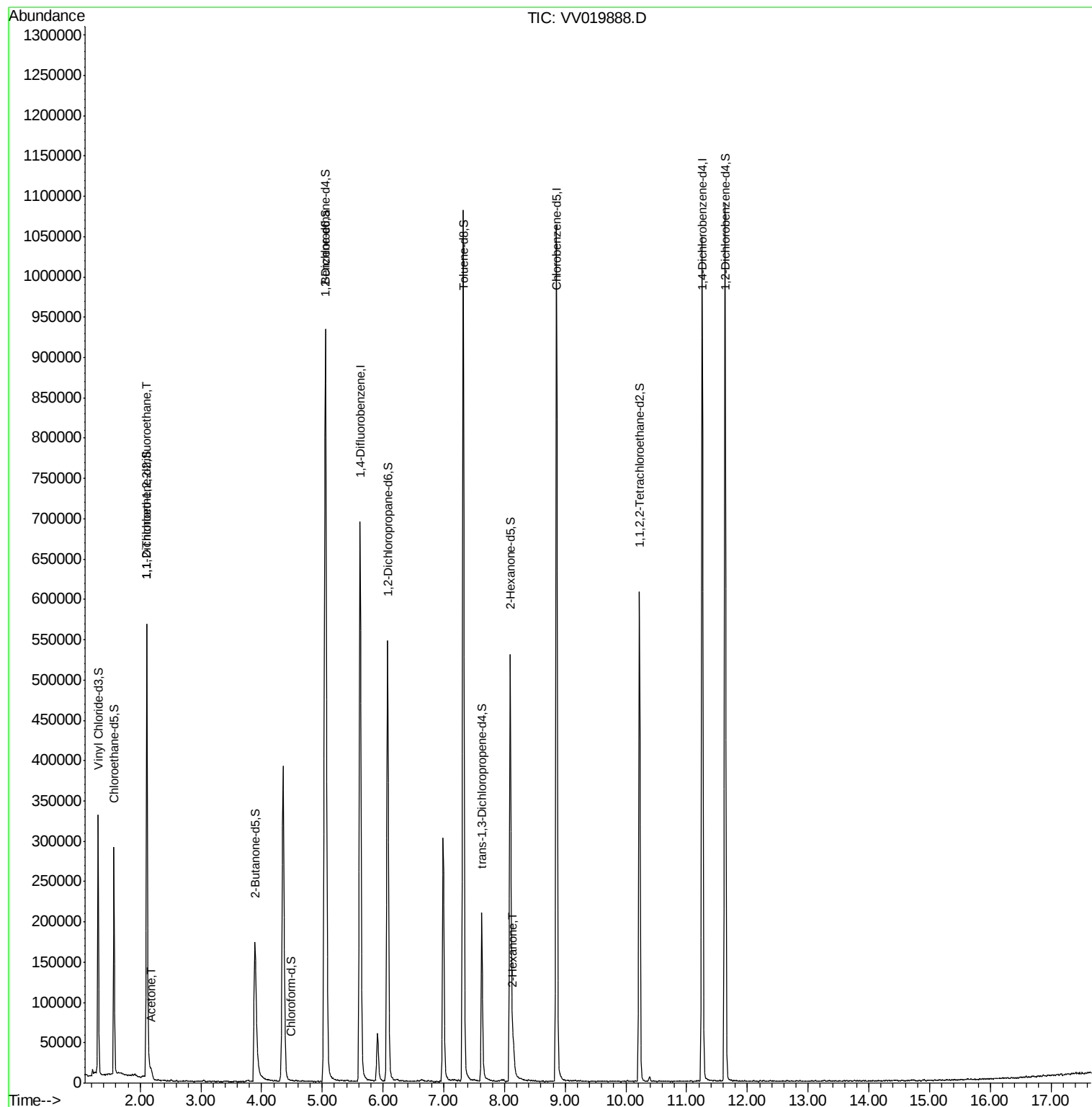
Target Compounds					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2578	0.728 ug/L #	24
13) Acetone	2.18	43	15215	6.134 ug/L	96
48) 2-Hexanone	8.15	43	26521	5.091 ug/L #	72

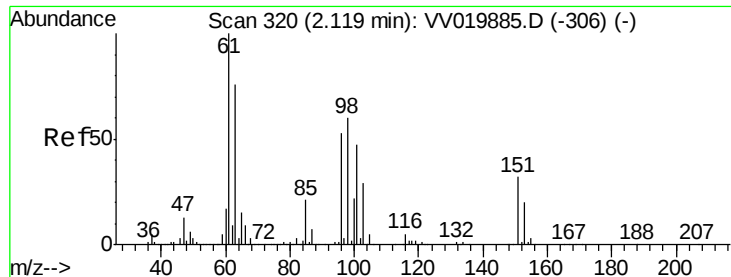
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.728 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019888.D

Acq: 05 Jan 2021 11:46

Instrument :

MSVOA_V

ClientSampleId :

BG4Q7

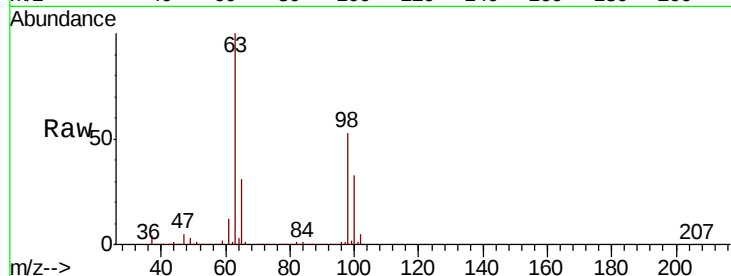
Tot Ion:101 Resp: 2578

Ion Ratio Lower Upper

101 100

85 1.7 35.3 52.9#

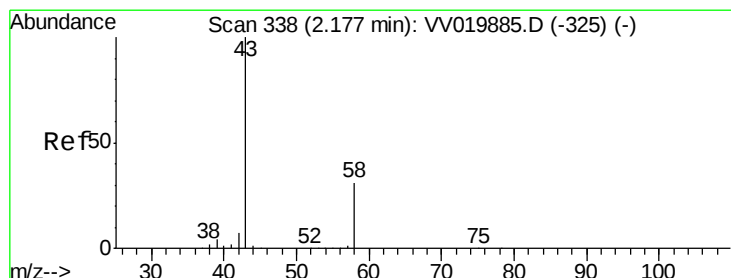
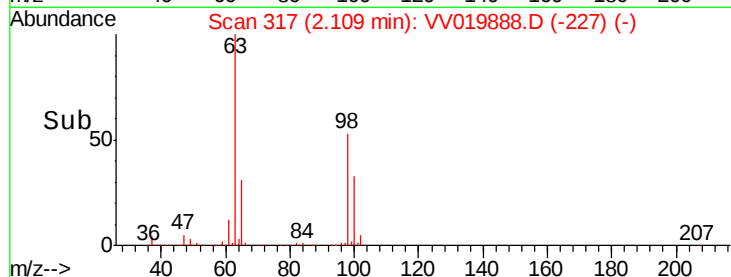
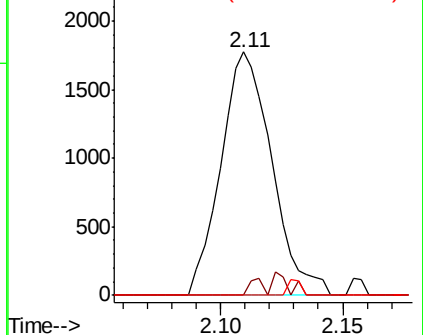
151 0.0 53.6 80.4#



Abundance Ion 101.00 (100.70 to 101.70): VV019888.D (-317) (-)

Ion 85.00 (84.70 to 85.70): VV019888.D (-317) (-)

Ion 151.00 (150.70 to 151.70): VV019888.D (-317) (-)



#13

Acetone

Concen: 6.134 ug/L

RT: 2.18 min Scan# 339

Delta R.T. 0.00 min

Lab File: VV019888.D

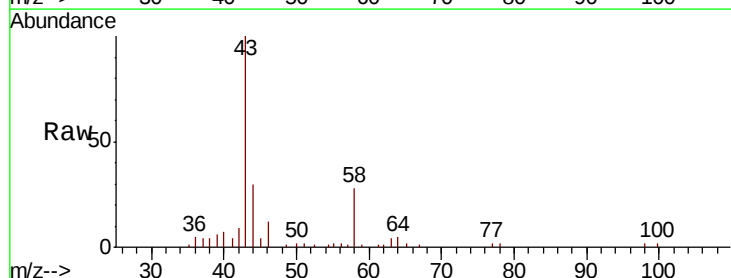
Acq: 05 Jan 2021 11:46

Tgt Ion: 43 Resp: 15215

Ion Ratio Lower Upper

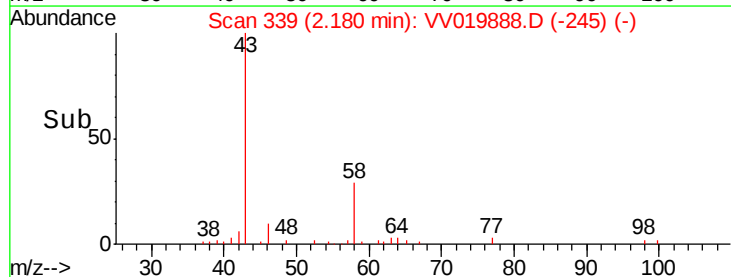
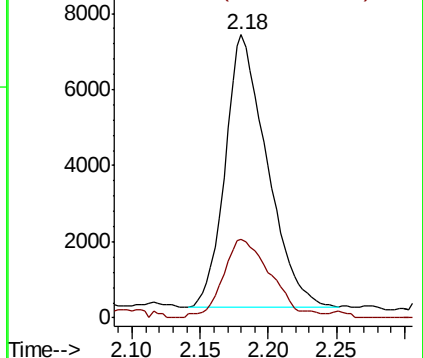
43 100

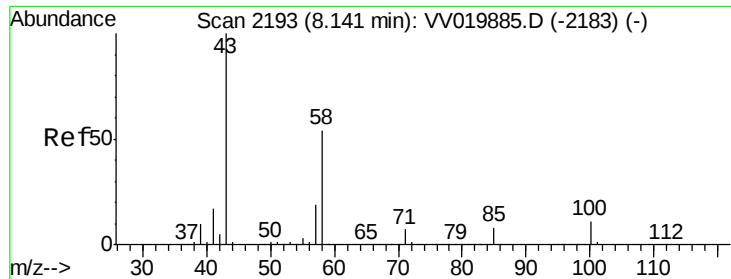
58 32.2 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VV019888.D (-339) (-)

Ion 58.00 (57.70 to 58.70): VV019888.D (-339) (-)





#48

2-Hexanone

Concen: 5.091 ug/L

RT: 8.15 min Scan# 2195

Delta R.T. 0.01 min

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Instrument :
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ClientSampleId :
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Tot Ion: 43 Resp: 26521

Ion Ratio Lower Upper

43 100

58 35.8 41.8 62.6#

57 0.0 15.0 22.4#

100 1.6 8.9 13.3#

