

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040220\
 Data File : VV015380.D
 Acq On : 02 Apr 2020 17:38
 Operator : SY/MD
 Sample : L2003-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 03 01:34:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 03 01:25:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	691832	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	660828	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	298247	50.00	ug/L	0.00

System Monitoring Compounds

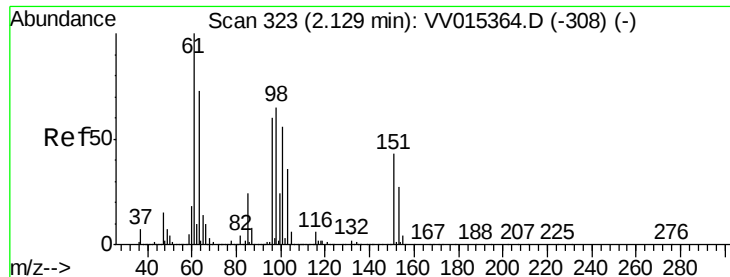
4) Vinyl Chloride-d3	1.32	65	216675	34.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.86%
7) Chloroethane-d5	1.58	69	196768	37.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.26%
11) 1,1-Dichloroethene-d2	2.12	63	333231	30.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.10%
21) 2-Butanone-d5	3.94	46	301851	91.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.55%
24) Chloroform-d	4.38	84	410809	40.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.22%
26) 1,2-Dichloroethane-d4	5.06	65	269642	42.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.54%
32) Benzene-d6	5.08	84	848198	41.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.36%
36) 1,2-Dichloropropane-d6	6.09	67	257819	42.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.94%
41) Toluene-d8	7.34	98	820468	42.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.32%
43) trans-1,3-Dichloropropene-	7.64	79	131210	39.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.16%
47) 2-Hexanone-d5	8.12	63	237568	86.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.69%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	368528	43.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.34%
64) 1,2-Dichlorobenzene-d4	11.65	152	299562	44.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.30%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	3397	0.651 ug/L #	26
25) Chloroform	4.41	83	10985	1.178 ug/L	88
48) 2-Hexanone	8.12	43	27996	5.478 ug/L #	42

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

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#10

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

Concen: 0.651 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV015380.D

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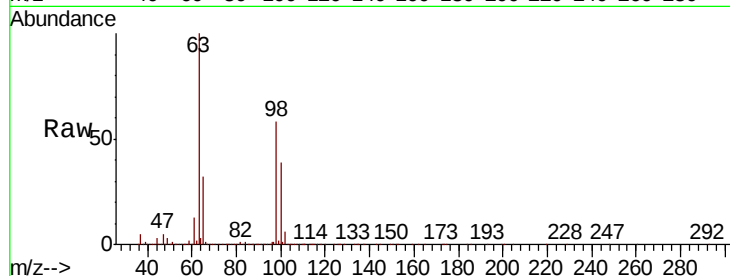
Tot Ion:101 Resp: 3397

Ion Ratio Lower Upper

101 100

85 10.6 36.1 54.1#

151 0.0 58.2 87.4#

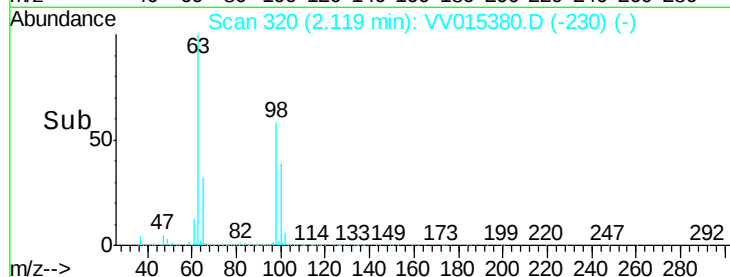


Abundance Ion 101.00 (100.70 to 101.70): VV015380.D (-230) (-)

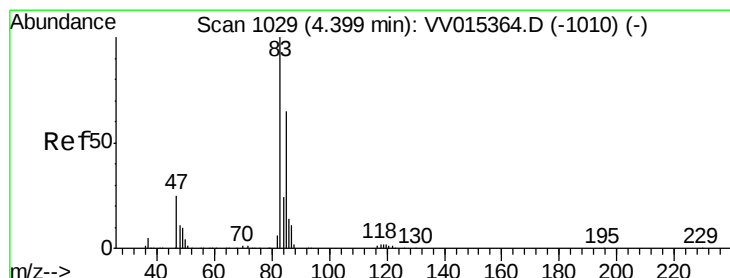
Ion 85.00 (84.70 to 85.70): VV015380.D (-230) (-)

Ion 151.00 (150.70 to 151.70): VV015380.D (-230) (-)

Time-->



Time-->



#25

Chloroform

Concen: 1.178 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VV015380.D

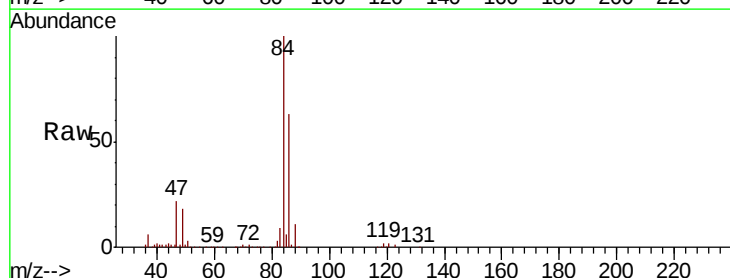
Acq: 02 Apr 2020 17:38

Tgt Ion: 83 Resp: 10985

Ion Ratio Lower Upper

83 100

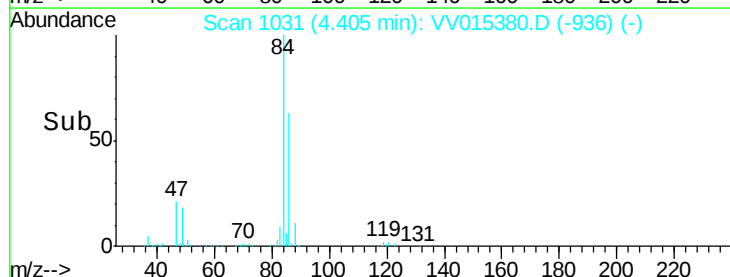
85 73.9 45.1 83.9



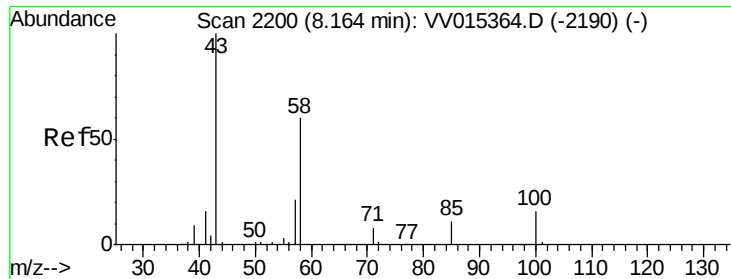
Abundance Ion 83.00 (82.70 to 83.70): VV015380.D (-936) (-)

Ion 85.00 (84.70 to 85.70): VV015380.D (-936) (-)

Time-->



Time-->



#48

2-Hexanone

Concen: 5.478 ug/L

RT: 8.12 min Scan# 2185

Delta R.T. -0.05 min

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Tot Ion: 43 Resp: 27996

Ion Ratio Lower Upper

43 100

58 0.0 47.4 71.2#

57 27.2 16.7 25.1#

100 0.4 11.5 17.3#

