

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV021320\
 Data File : VV014581.D
 Acq On : 13 Feb 2020 12:05
 Operator : SY/MD
 Sample : L1489-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFRE8

Quant Time: Feb 13 15:40:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM021220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 13 15:27:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	276008	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	254488	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	126731	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56894	53.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.36%
7) Chloroethane-d5	1.58	69	42302	56.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	113.50%
11) 1,1-Dichloroethene-d2	2.13	63	73032	41.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.58%
21) 2-Butanone-d5	3.91	46	90436	102.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.89%
24) Chloroform-d	4.39	84	165881	53.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.32%
26) 1,2-Dichloroethane-d4	5.07	65	109888	57.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.62%
32) Benzene-d6	5.09	84	351343	57.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.46%
36) 1,2-Dichloropropane-d6	6.11	67	104256	56.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.74%
41) Toluene-d8	7.35	98	333554	56.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.94%
43) trans-1,3-Dichloropropene-	7.66	79	58380	57.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	115.52%
47) 2-Hexanone-d5	8.12	63	74595	101.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.84%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	137925	55.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.88%
64) 1,2-Dichlorobenzene-d4	11.67	152	127596	56.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.98%

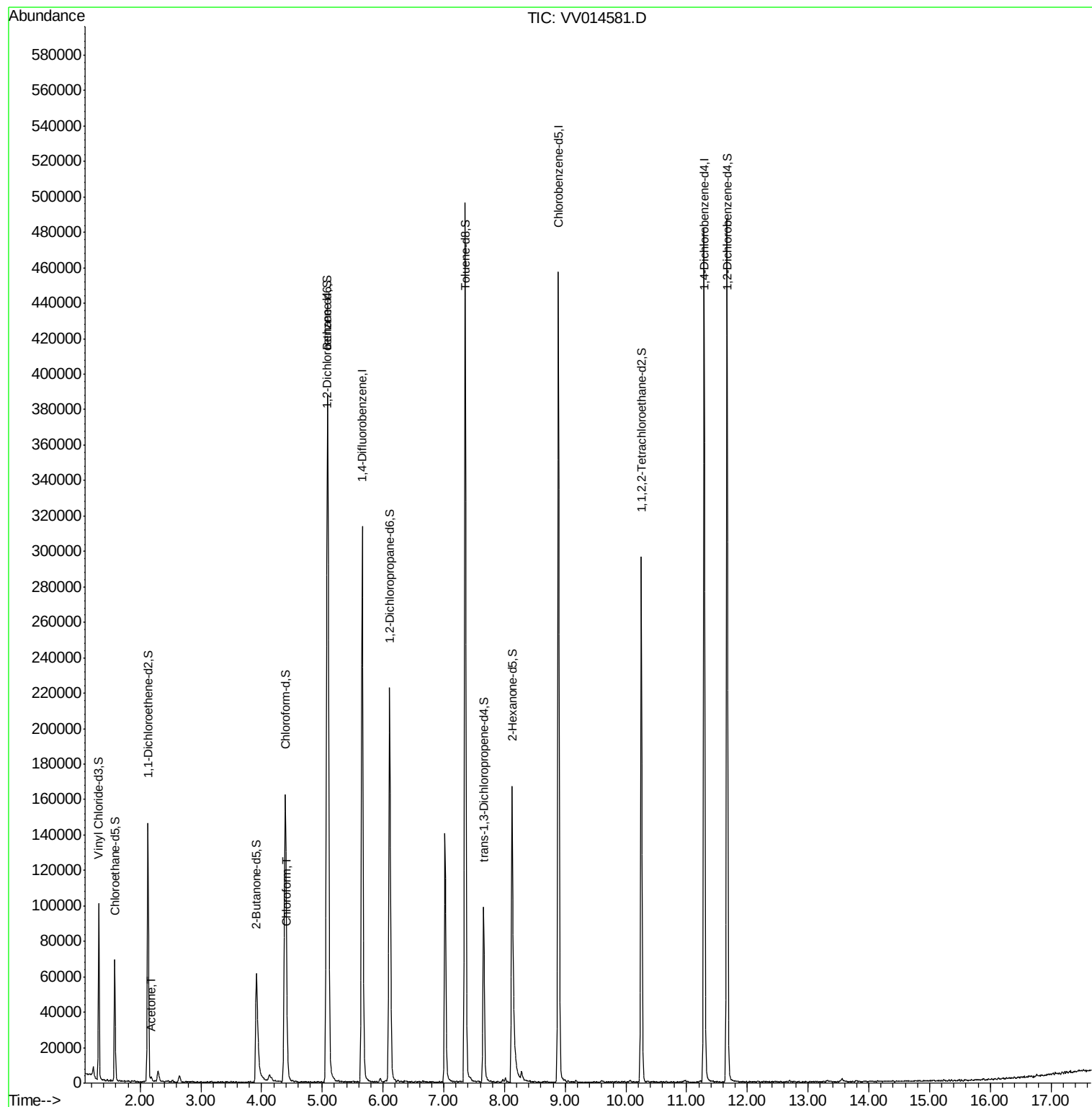
Target Compounds					Ovalue
13) Acetone	2.18	43	2331	3.091 ug/L	93
25) Chloroform	4.42	83	5143	1.588 ug/L	98

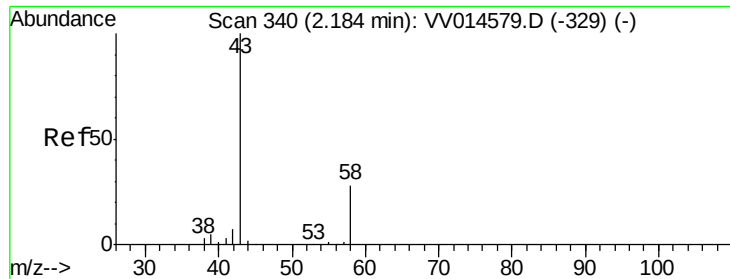
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV021320\
Data File : VV014581.D
Acq On : 13 Feb 2020 12:05
Operator : SY/MD
Sample : L1489-12
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFRE8

Quant Time: Feb 13 15:40:48 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM021220WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 13 15:27:07 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.091 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.00 min

Lab File: VV014581.D

Acq: 13 Feb 2020 12:05

Instrument :

MSVOA_V

ClientSampleId :

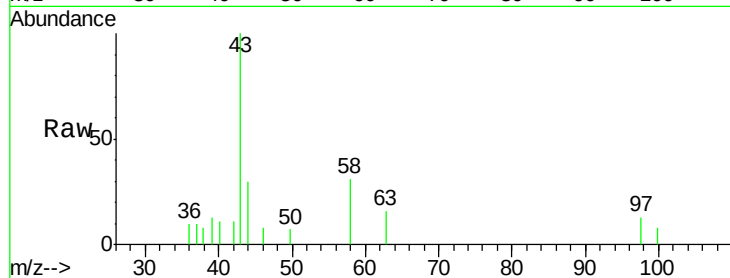
BFRE8

Tot Ion: 43 Resp: 2331

Ion Ratio Lower Upper

43 100

58 25.4 0.0 58.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.18

1500

1000

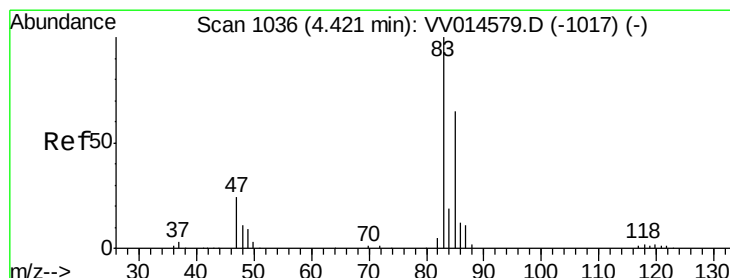
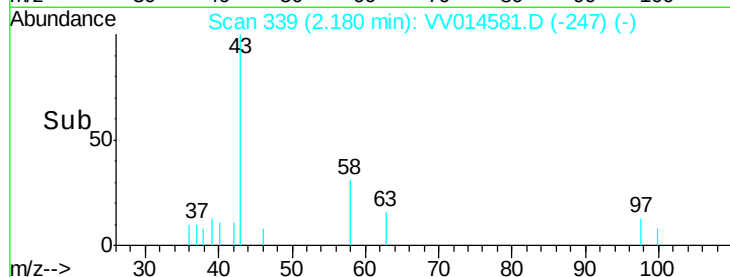
500

0

2.15

2.20

Time-->



#25

Chloroform

Concen: 1.588 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV014581.D

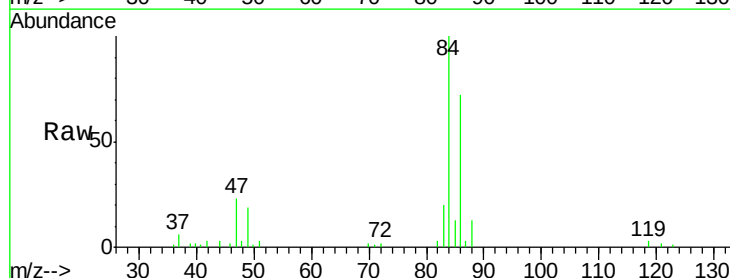
Acq: 13 Feb 2020 12:05

Tgt Ion: 83 Resp: 5143

Ion Ratio Lower Upper

83 100

85 65.8 45.0 83.6



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

4.42

2000

1500

1000

500

0

4.35

4.40

4.45

4.50

Time-->

