

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031320\
 Data File : VV014912.D
 Acq On : 13 Mar 2020 18:42
 Operator : SY/MD
 Sample : L1858-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFRG2

Manual Integrations
 APPROVED

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Quant Time: Mar 16 02:12:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 16 01:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	399842	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	388089	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	187490	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	93994	34.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.48%
7) Chloroethane-d5	1.58	69	75611	35.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.70%
11) 1,1-Dichloroethene-d2	2.12	63	118857	26.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.86%#
21) 2-Butanone-d5	3.94	46	164737m	81.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.63%
24) Chloroform-d	4.38	84	216086	42.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.34%
26) 1,2-Dichloroethane-d4	5.06	65	144204	41.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.88%
32) Benzene-d6	5.08	84	439464	42.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.78%
36) 1,2-Dichloropropane-d6	6.10	67	135565	39.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.82%
41) Toluene-d8	7.34	98	417311	41.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.16%
43) trans-1,3-Dichloropropene-	7.64	79	64460	38.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.74%
47) 2-Hexanone-d5	8.12	63	133463	88.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.50%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	195633	41.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.76%
64) 1,2-Dichlorobenzene-d4	11.65	152	174436	46.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.88%

Target Compounds				Ovalue
25) Chloroform	4.40	83	8399m	1.547 ug/L

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

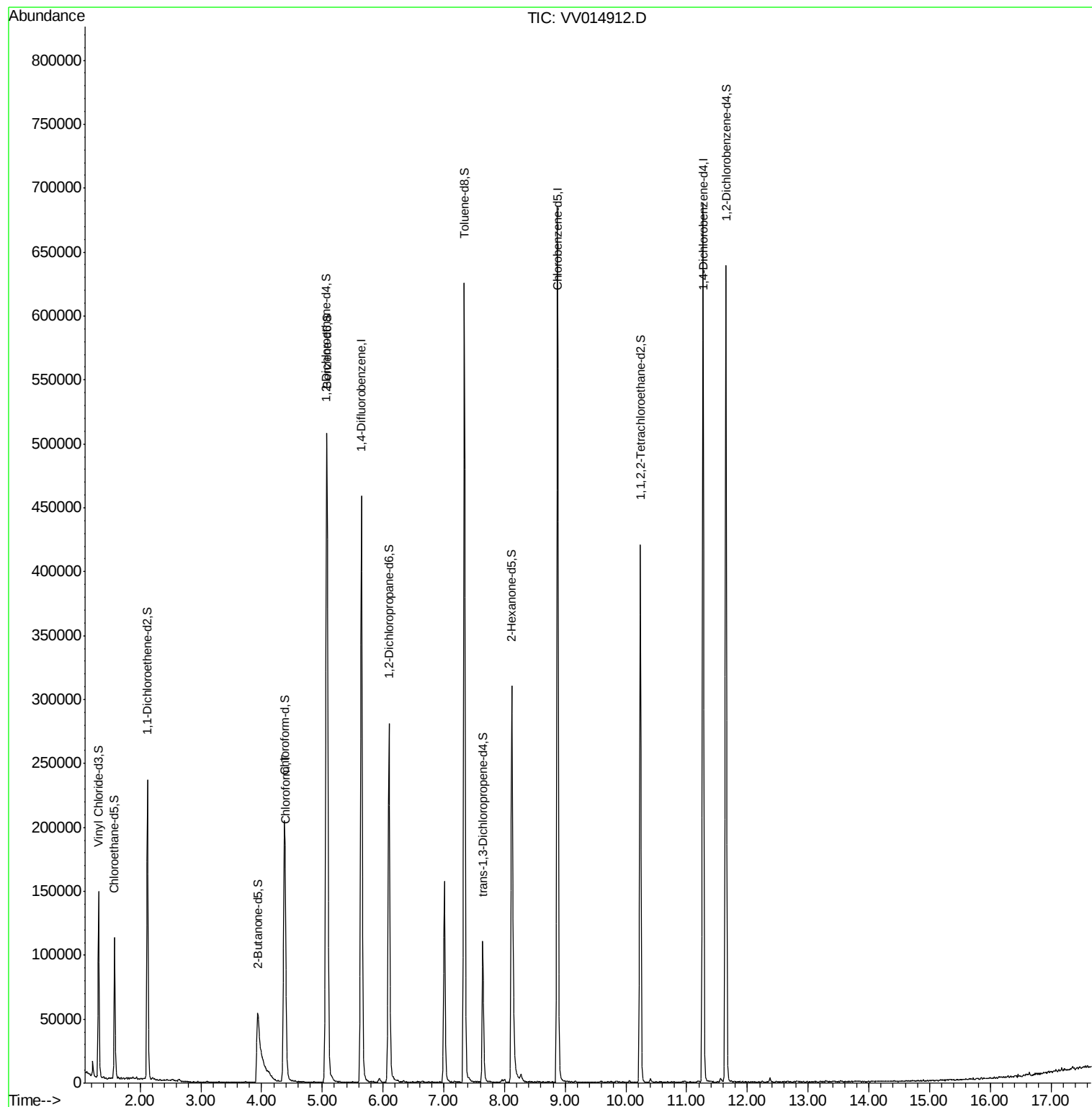
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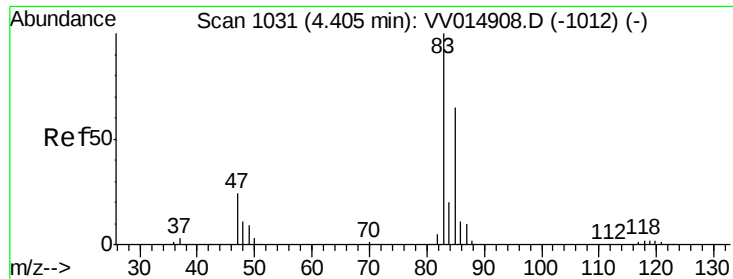
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#25

Chloroform

Concen: 1.547 ug/L m

RT: 4.40 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VV014912.D

Acq: 13 Mar 2020 18:42

Tot Ion: 83 Resp: 8399

Ion Ratio Lower Upper

83 100

85 81.9 45.1 83.9

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