

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031320\
 Data File : VV014915.D
 Acq On : 13 Mar 2020 19:54
 Operator : SY/MD
 Sample : L1858-17
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFRG7

Manual Integrations
 APPROVED

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 3/16/2020 12:28:53 PM

Quant Time: Mar 16 02:30:56 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	392841	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	382346	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	183076	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	92492	34.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.58%
7) Chloroethane-d5	1.58	69	73179	34.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	69.64%#
11) 1,1-Dichloroethene-d2	2.12	63	117699	26.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.28%#
21) 2-Butanone-d5	3.93	46	159986m	80.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.69%
24) Chloroform-d	4.38	84	209765m	41.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.34%
26) 1,2-Dichloroethane-d4	5.06	65	144825	42.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.72%
32) Benzene-d6	5.08	84	433884	42.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.96%
36) 1,2-Dichloropropane-d6	6.10	67	133250	39.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.64%
41) Toluene-d8	7.34	98	407410	41.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.40%
43) trans-1,3-Dichloropropene-	7.64	79	63221	38.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.40%
47) 2-Hexanone-d5	8.12	63	132013	88.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.86%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	195096	42.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.78%
64) 1,2-Dichlorobenzene-d4	11.65	152	173955	47.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.88%

Target Compounds					Ovalue
25) Chloroform	4.41	83	7732	1.449 ug/L	96
61) Bromoform	9.76	173	3602	1.814 ug/L #	94

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

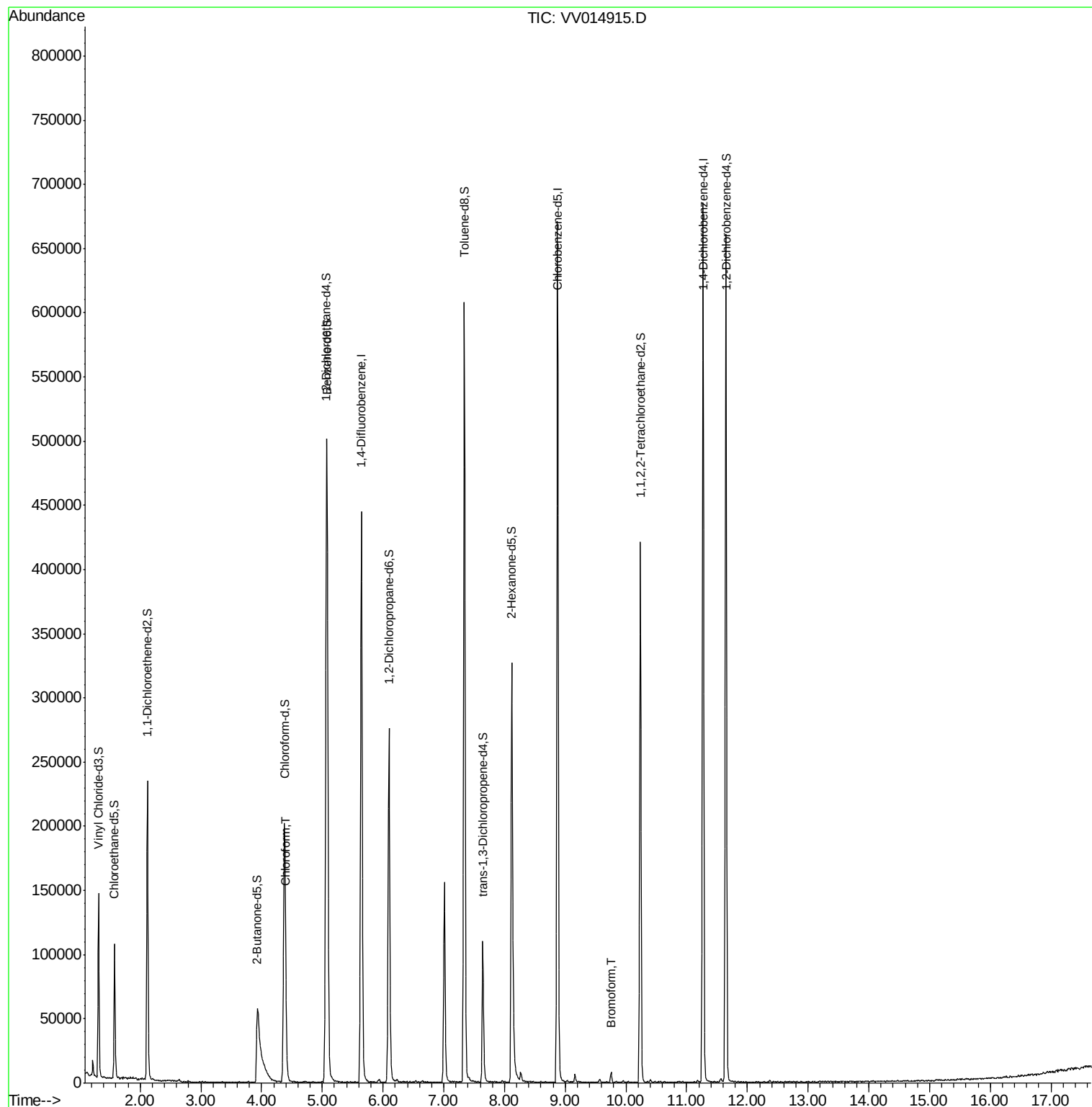
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV031320\
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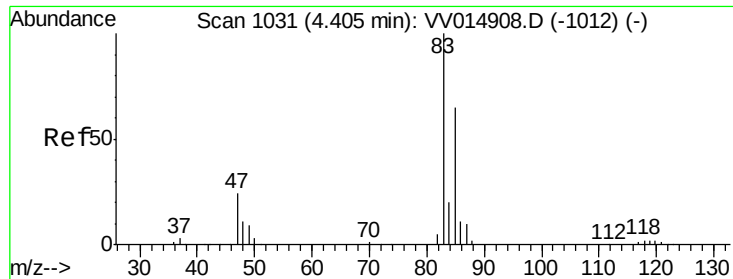
Instrument :
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QLast Update : Mon Mar 16 01:36:12 2020
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#25

Chloroform

Concen: 1.449 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VV014915.D

Acq: 13 Mar 2020 19:54

Instrument :
MSVOA_V
ClientSampleId :
BFRG7

Tot Ion: 83 Resp: 7732

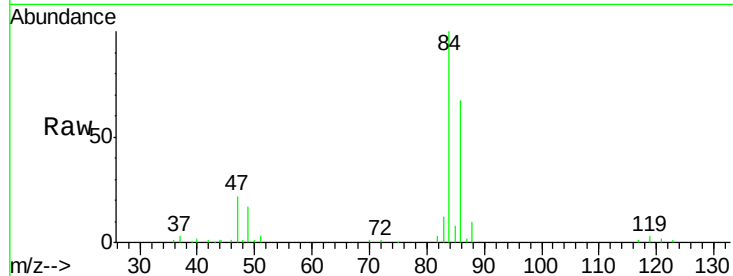
Ion Ratio Lower Upper

83 100

85 67.4 45.1 83.9

Manual Integrations
APPROVED

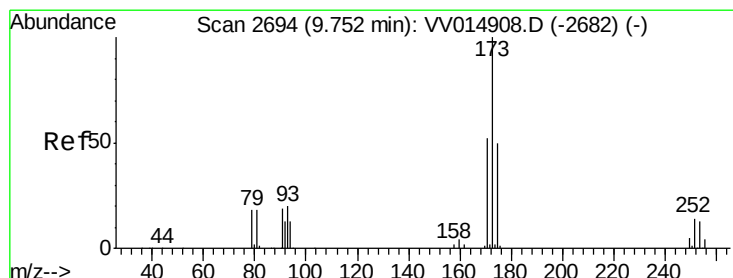
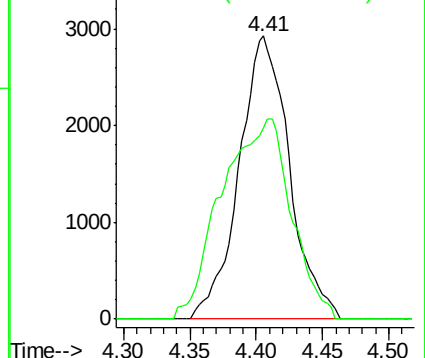
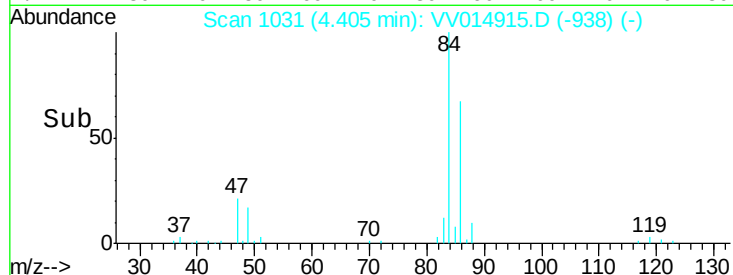
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Abundance Ion 83.00 (82.70 to 83.70): VV014908.D (-1012) (-)

Ion 85.00 (84.70 to 85.70): VV014908.D (-1012) (-)

Time-->



#61

Bromoform

Concen: 1.814 ug/L

RT: 9.76 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VV014915.D

Acq: 13 Mar 2020 19:54

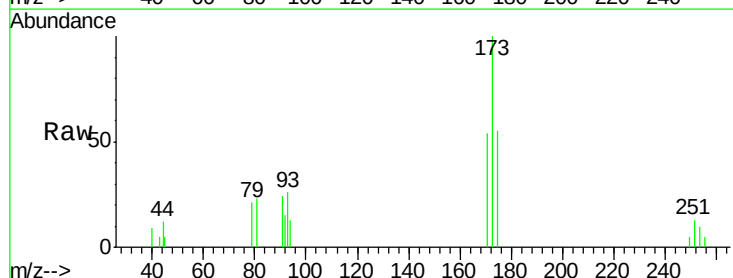
Tgt Ion: 173 Resp: 3602

Ion Ratio Lower Upper

173 100

175 50.1 39.0 58.4

254 2.1 8.6 13.0#



Abundance Ion 173.00 (172.70 to 173.70): VV014908.D (-2682) (-)

Ion 175.00 (174.70 to 175.70): VV014908.D (-2682) (-)

Ion 254.00 (253.70 to 254.70): VV014908.D (-2682) (-)

Time-->

