

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031819\
 Data File : VU030168.D
 Acq On : 18 Mar 2019 12:59
 Operator : JC/SP
 Sample : K1936-21DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1C8DL

Quant Time: Mar 19 02:37:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 18 12:44:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	506991	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	504775	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	236351	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	133743	39.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.76%
7) Chloroethane-d5	1.68	69	120095	44.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.72%
11) 1,1-Dichloroethene-d2	2.27	63	190047	31.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.80%
21) 2-Butanone-d5	4.17	46	284747	113.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.33%
24) Chloroform-d	4.65	84	282050	46.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.78%
26) 1,2-Dichloroethane-d4	5.31	65	168207	48.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.80%
32) Benzene-d6	5.34	84	585212	45.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.08%
36) 1,2-Dichloropropane-d6	6.33	67	193064	48.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.10%
41) Toluene-d8	7.56	98	516126	42.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.84%
43) trans-1,3-Dichloropropene-	7.85	79	84936	44.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.18%
47) 2-Hexanone-d5	8.31	63	226872	101.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.96%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	304028	49.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	220855	48.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.48%

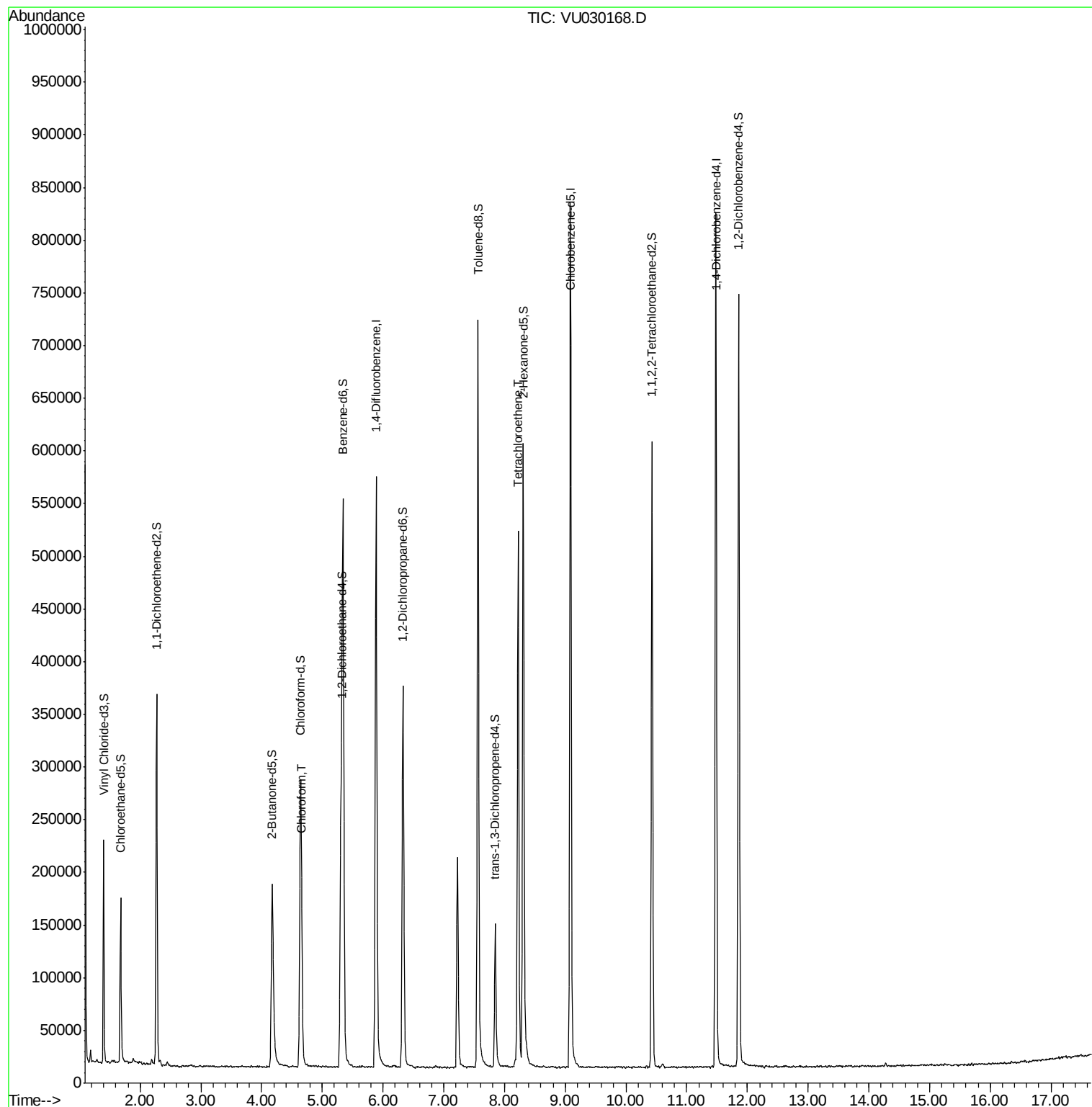
Target Compounds					Ovalue
25) Chloroform	4.67	83	7850	1.259 ug/L	80
46) Tetrachloroethene	8.22	164	128909	38.910 ug/L	98

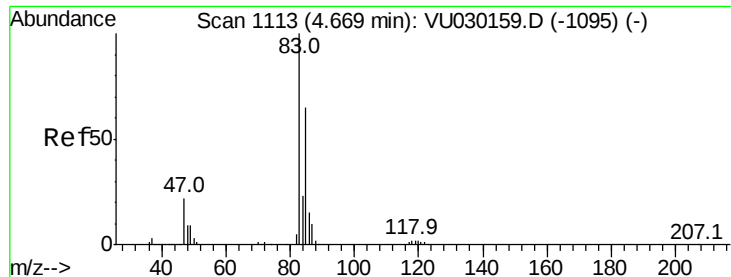
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 1.259 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU030168.D

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Instrument :

MSVOA_U

ClientSampleId :

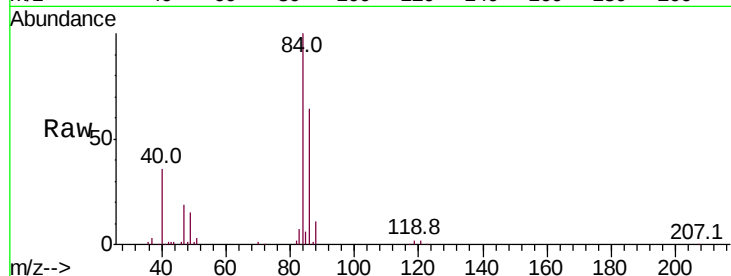
BF1C8DL

Tot Ion: 83 Resp: 7850

Ion Ratio Lower Upper

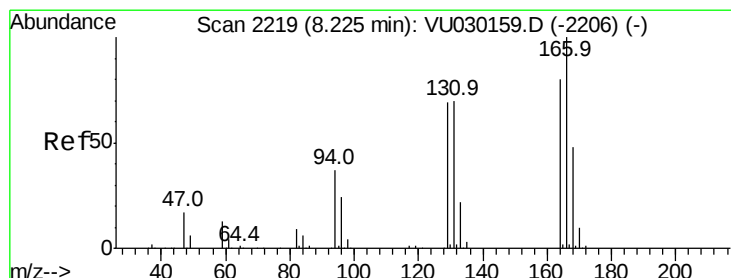
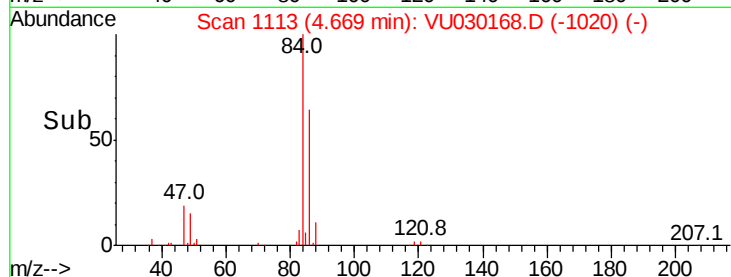
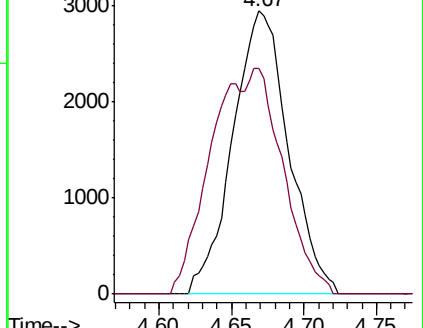
83 100

85 79.9 44.9 83.5



Abundance Ion 83.00 (82.70 to 83.70): VU030159.D (-1095) (-)

Ion 85.00 (84.70 to 85.70): VU030159.D (-1095) (-)



#46

Tetrachloroethene

Concen: 38.910 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

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Acq: 18 Mar 2019 12:59

Tgt Ion:164 Resp: 128909

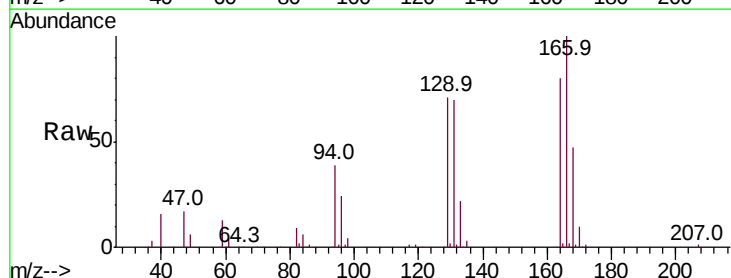
Ion Ratio Lower Upper

164 100

129 88.9 63.3 117.7

131 87.1 62.0 115.2

166 125.1 90.5 168.1



Abundance Ion 164.00 (163.70 to 164.70): VU030159.D (-2206) (-)

Ion 129.00 (128.70 to 129.70): VU030159.D (-2206) (-)

Ion 131.00 (130.70 to 131.70): VU030159.D (-2206) (-)

Ion 166.00 (165.70 to 166.70): VU030159.D (-2206) (-)

