

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031819\
 Data File : VU030172.D
 Acq On : 18 Mar 2019 14:30
 Operator : JC/SP
 Sample : K1936-21DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1C8DL

Quant Time: Mar 19 02:51:27 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	468625	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	457353	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	218814	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	120523	38.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.76%
7) Chloroethane-d5	1.68	69	109361	43.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.42%
11) 1,1-Dichloroethene-d2	2.27	63	171470	30.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.30%
21) 2-Butanone-d5	4.17	46	256198	110.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.32%
24) Chloroform-d	4.65	84	267829	48.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.34%
26) 1,2-Dichloroethane-d4	5.31	65	161769	50.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.72%
32) Benzene-d6	5.34	84	540047	45.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.74%
36) 1,2-Dichloropropane-d6	6.33	67	176601	49.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.02%
41) Toluene-d8	7.56	98	469949	42.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.26%
43) trans-1,3-Dichloropropene-	7.85	79	81195	46.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.04%
47) 2-Hexanone-d5	8.31	63	208225	103.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.28%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	288669	52.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.28%
64) 1,2-Dichlorobenzene-d4	11.86	152	209842	49.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.00%

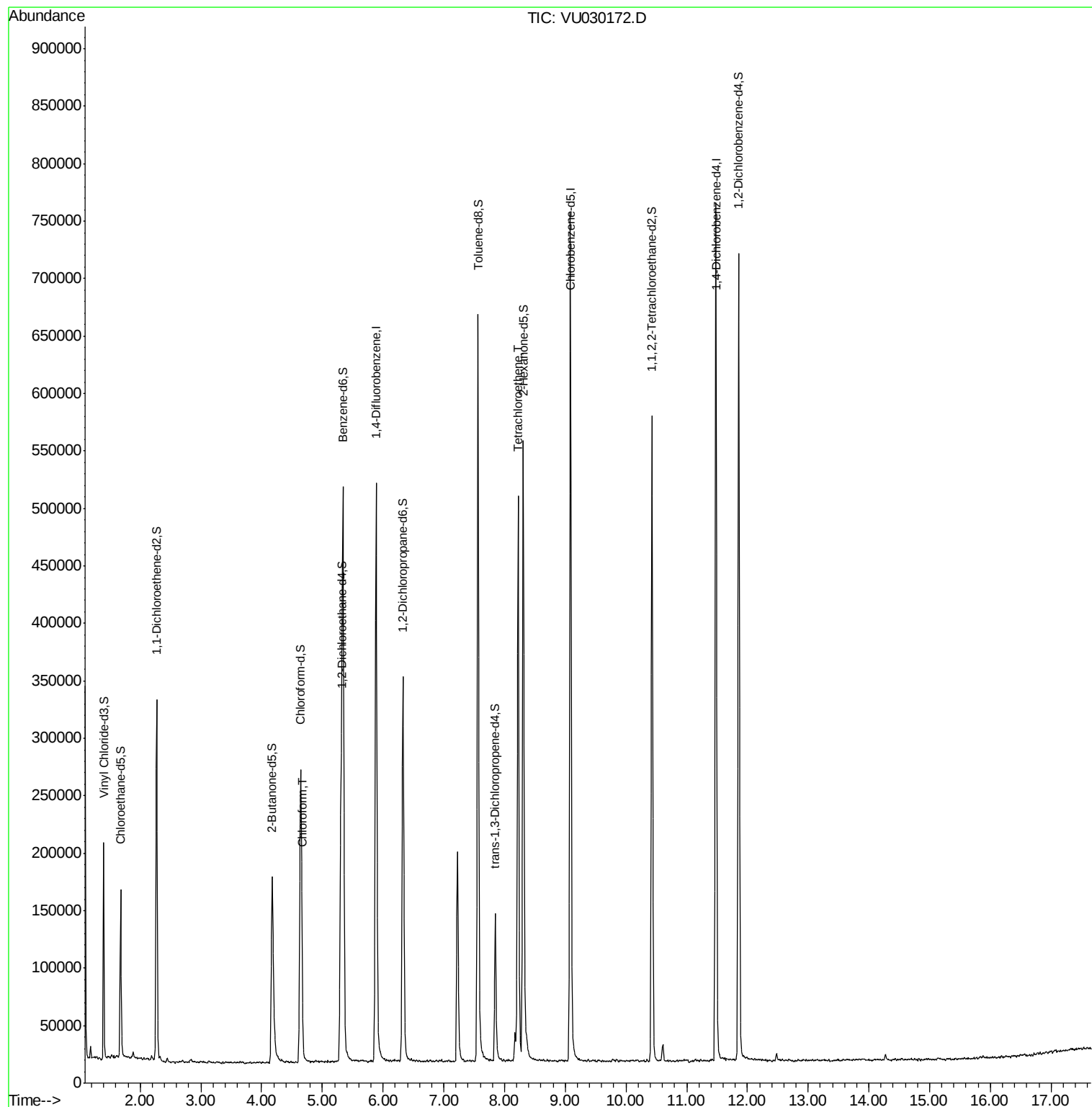
Target Compounds					Ovalue
25) Chloroform	4.67	83	6525	1.132 ug/L	89
46) Tetrachloroethene	8.22	164	123040	40.990 ug/L	98

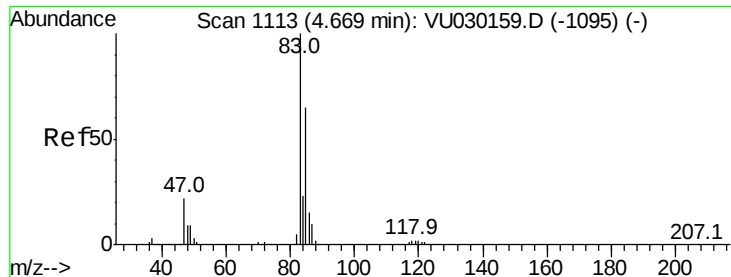
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 1.132 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VU030172.D

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Instrument :

MSVOA_U

ClientSampleId :

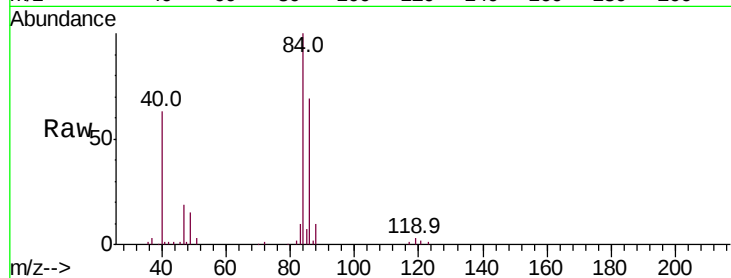
BF1C8DL

Tot Ion: 83 Resp: 6525

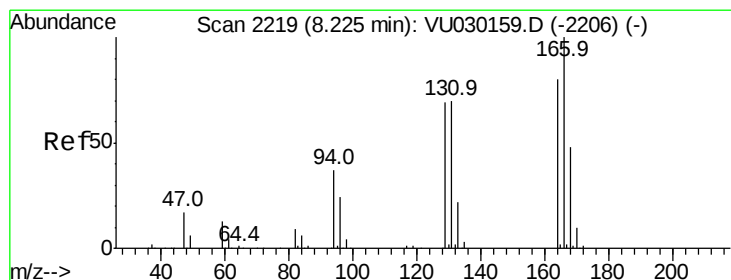
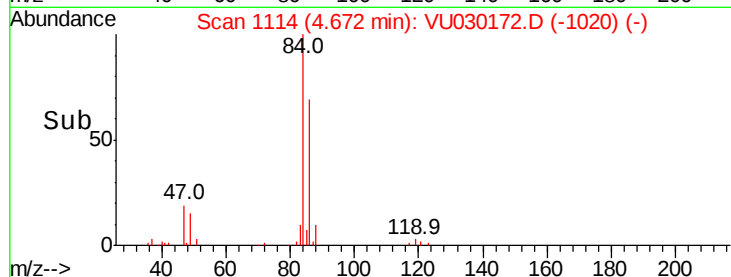
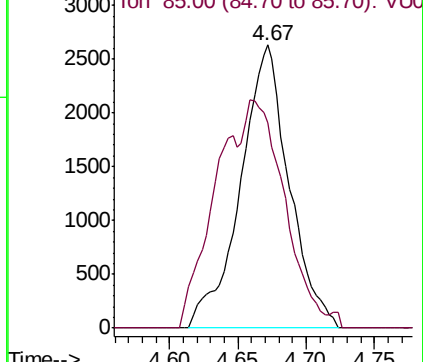
Ion Ratio Lower Upper

83 100

85 72.6 44.9 83.5



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



#46

Tetrachloroethene

Concen: 40.990 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU030172.D

Acq: 18 Mar 2019 14:30

Tgt Ion: 164 Resp: 123040

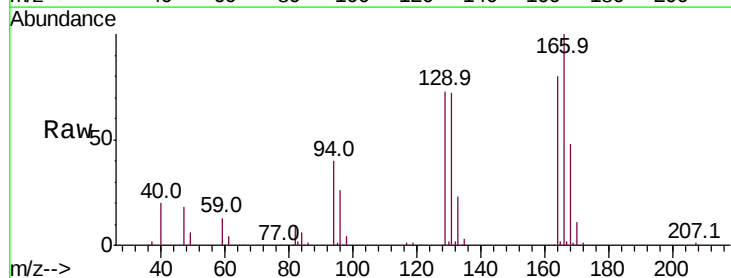
Ion Ratio Lower Upper

164 100

129 90.2 63.3 117.7

131 89.8 62.0 115.2

166 124.4 90.5 168.1



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

