

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031619\
 Data File : VU030111.D
 Acq On : 15 Mar 2019 15:13
 Operator : JC/SP
 Sample : K1936-21
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1C8

Quant Time: Mar 16 00:51:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 16 00:02:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	451188	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	449591	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	214906	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	171046	57.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	114.62%
7) Chloroethane-d5	1.68	69	141999	58.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	117.88%
11) 1,1-Dichloroethene-d2	2.27	63	232465	43.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.30%
21) 2-Butanone-d5	4.17	46	273133	122.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.15%
24) Chloroform-d	4.65	84	314318	58.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.42%
26) 1,2-Dichloroethane-d4	5.31	65	187828	60.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	121.46%
32) Benzene-d6	5.34	84	664579	57.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.84%
36) 1,2-Dichloropropane-d6	6.33	67	212860	60.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	120.20%#
41) Toluene-d8	7.56	98	613732	56.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.26%
43) trans-1,3-Dichloropropene-	7.85	79	96370	56.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	112.34%
47) 2-Hexanone-d5	8.31	63	232232	117.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.18%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	312863	57.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	114.96%
64) 1,2-Dichlorobenzene-d4	11.86	152	247771	59.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	119.04%

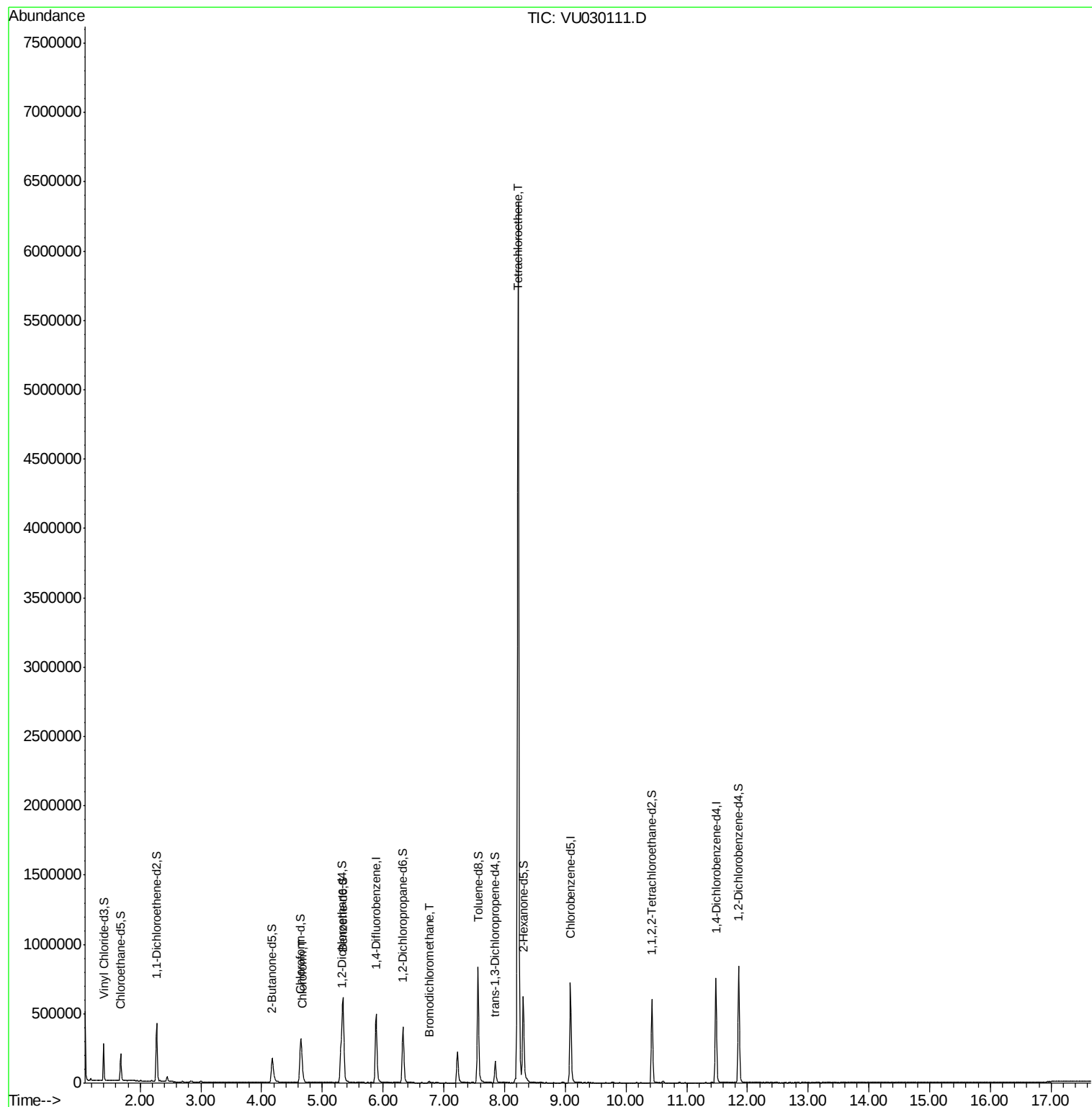
Target Compounds					Ovalue
25) Chloroform	4.67	83	54984	9.908 ug/L	98
38) Bromodichloromethane	6.76	83	7227	1.717 ug/L	93
46) Tetrachloroethene	8.22	164	1562430	529.496 ug/L	99

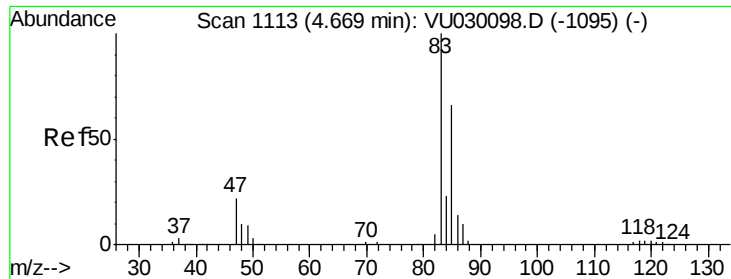
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031619\
Data File : VU030111.D
Acq On : 15 Mar 2019 15:13
Operator : JC/SP
Sample : K1936-21
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1C8

Quant Time: Mar 16 00:51:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 16 00:02:21 2019
Response via : Initial Calibration

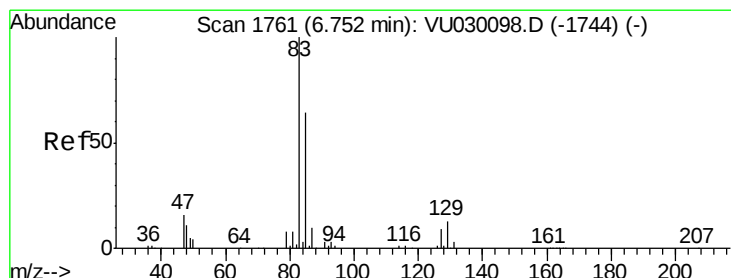
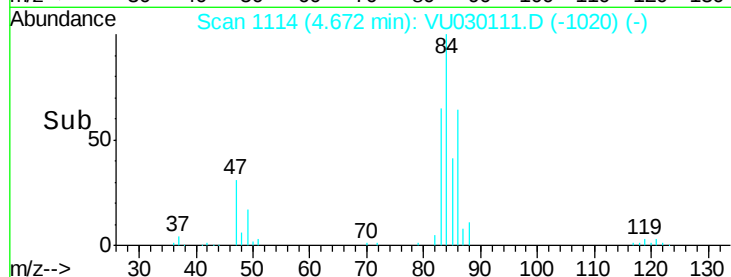
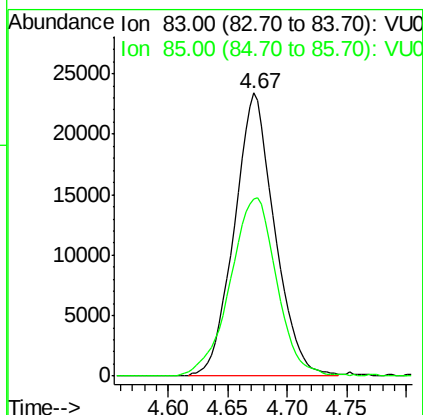
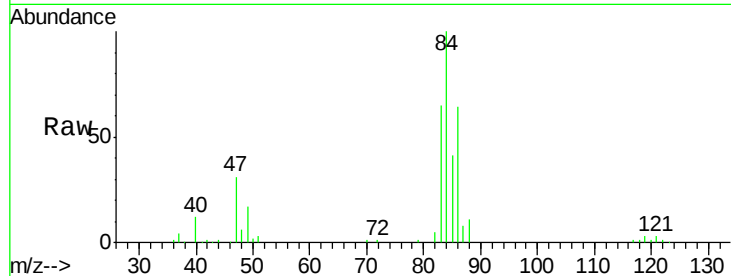




#25
Chloroform
Concen: 9.908 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU030111.D
Acq: 15 Mar 2019 15:13

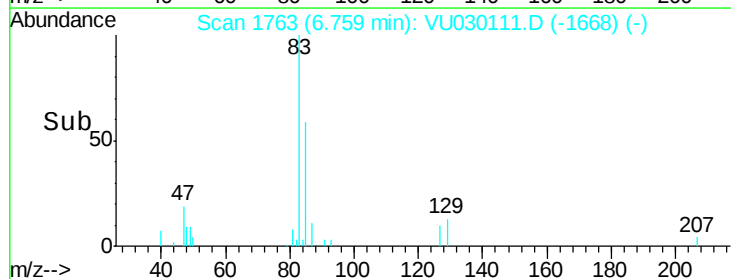
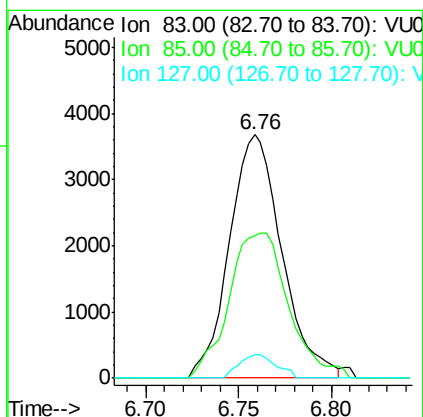
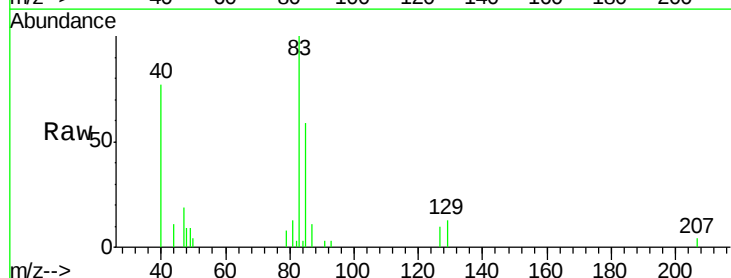
Instrument :
MSVOA_U
ClientSampleId :
BF1C8

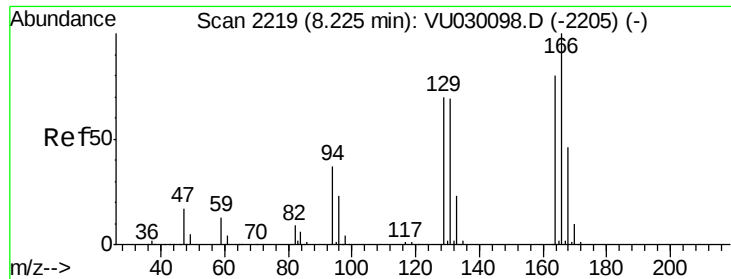
Tot Ion: 83 Resp: 54984
Ion Ratio Lower Upper
83 100
85 62.7 44.9 83.5



#38
Bromodichloromethane
Concen: 1.717 ug/L
RT: 6.76 min Scan# 1763
Delta R.T. 0.01 min
Lab File: VU030111.D
Acq: 15 Mar 2019 15:13

Tgt Ion: 83 Resp: 7227
Ion Ratio Lower Upper
83 100
85 58.8 45.7 84.9
127 9.8 7.7 11.5





#46

Tetrachloroethene

Concen: 529.496 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.00 min

Lab File: VU030111.D

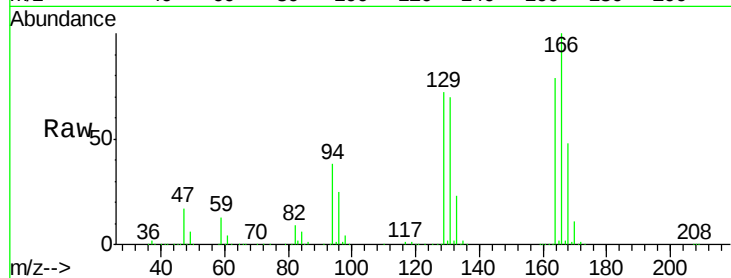
Acq: 15 Mar 2019 15:13

Instrument :

MSVOA_U

ClientSampleId :

BF1C8



Tot Ion:164 Resp: 1562430

Ion Ratio Lower Upper

164 100

129 91.3 63.3 117.7

131 88.9 62.0 115.2

166 126.5 90.5 168.1

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

