

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042919\
 Data File : VU031602.D
 Acq On : 29 Apr 2019 22:07
 Operator : JC/SP
 Sample : K2592-06 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COWZ7

Quant Time: Apr 30 05:03:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 30 04:50:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	634728	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	616927	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	228596	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	342913	64.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	129.10%
7) Chloroethane-d5	1.68	69	245747	59.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	119.72%
11) 1,1-Dichloroethene-d2	2.27	63	471667	44.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.18%
21) 2-Butanone-d5	4.19	46	543718	112.97	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.97%
24) Chloroform-d	4.64	84	512819	52.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.42%
26) 1,2-Dichloroethane-d4	5.31	65	350584	55.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.32%
32) Benzene-d6	5.34	84	1006105	53.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.22%
36) 1,2-Dichloropropane-d6	6.32	67	355402	53.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.64%
41) Toluene-d8	7.56	98	817535	49.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.10%
43) trans-1,3-Dichloropropene-	7.85	79	133160	46.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.08%
47) 2-Hexanone-d5	8.31	63	292942	101.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.55%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	447345	50.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.02%
64) 1,2-Dichlorobenzene-d4	11.86	152	249666	51.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.86%

Target Compounds

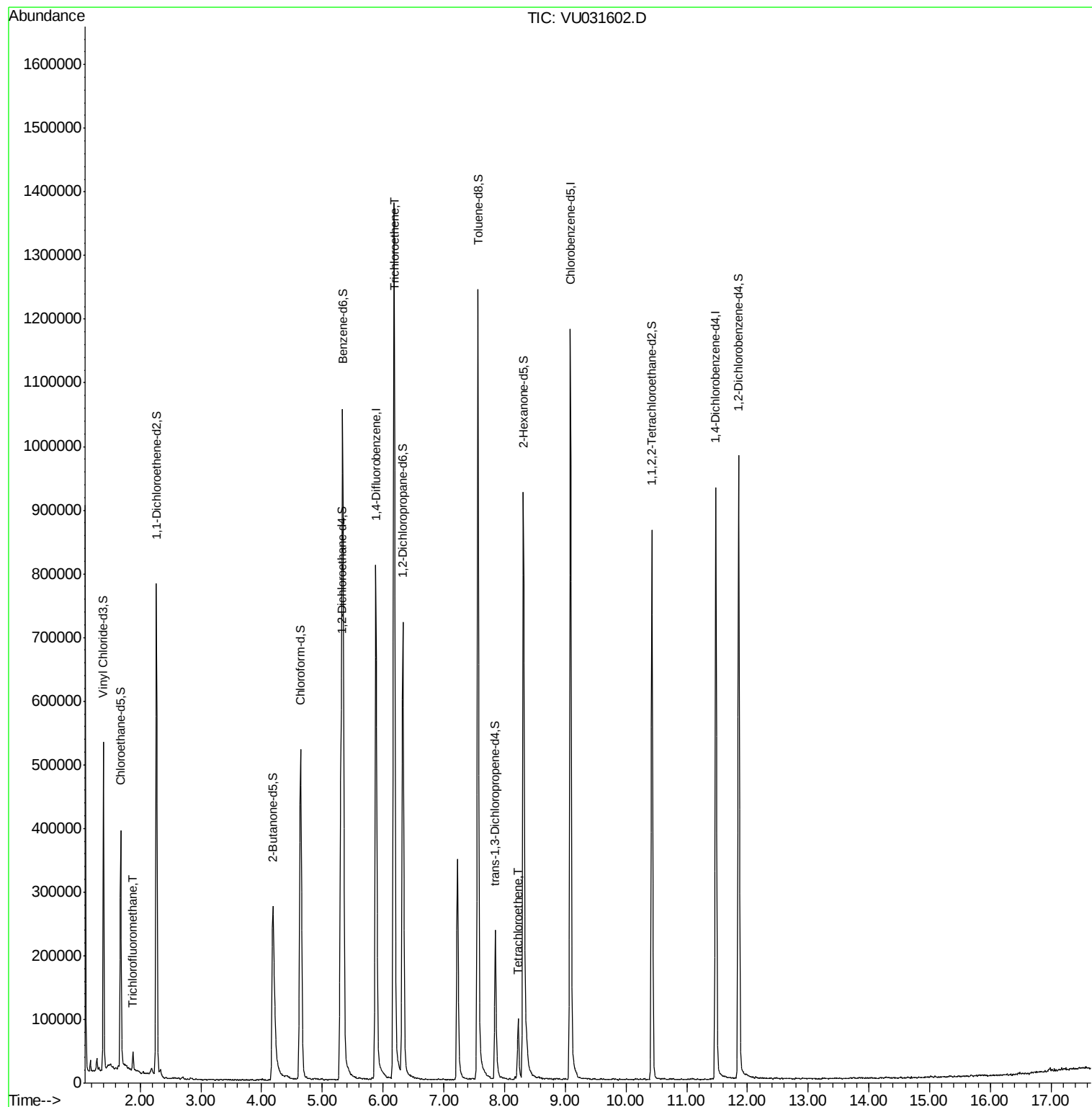
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.88	101	8914	0.990	ug/L	92
34) Trichloroethene	6.18	95	514031	93.491	ug/L	95
46) Tetrachloroethene	8.22	164	21490	5.733	ug/L	99

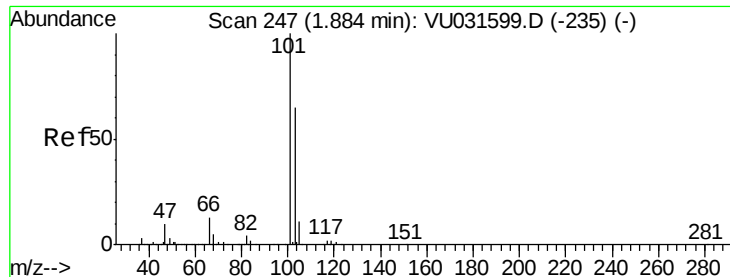
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042919\
Data File : VU031602.D
Acq On : 29 Apr 2019 22:07
Operator : JC/SP
Sample : K2592-06 10X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0WZ7

Quant Time: Apr 30 05:03:00 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 30 04:50:11 2019
Response via : Initial Calibration



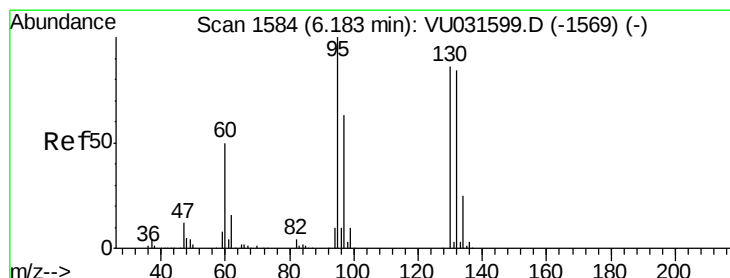
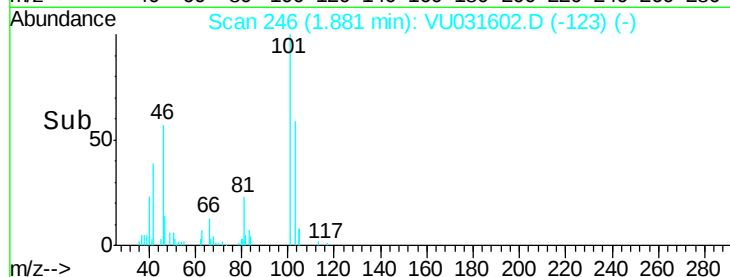
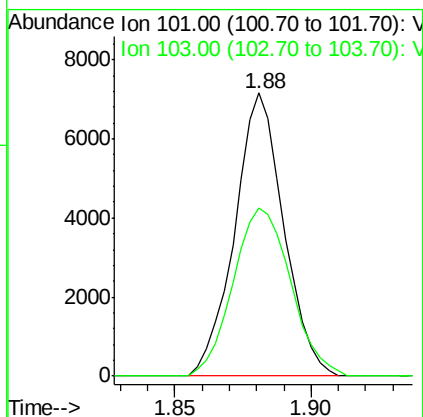
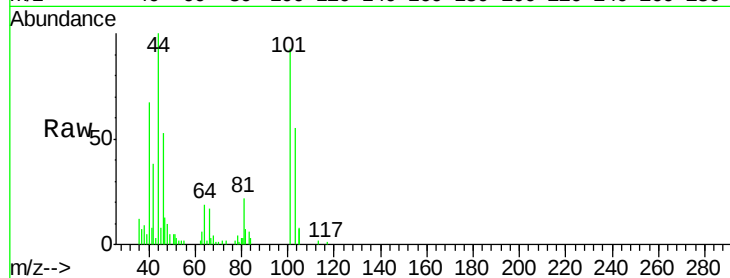


#9

Trichlorofluoromethane
Concen: 0.990 ug/L
RT: 1.88 min Scan# 246
Delta R.T. -0.00 min
Lab File: VU031602.D
Acq: 29 Apr 2019 22:07

Instrument :
MSVOA_U
ClientSampleId :
COWZ7

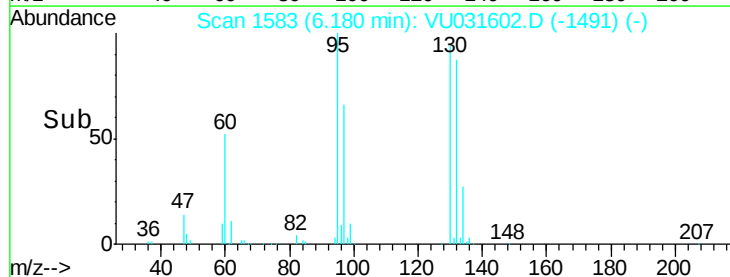
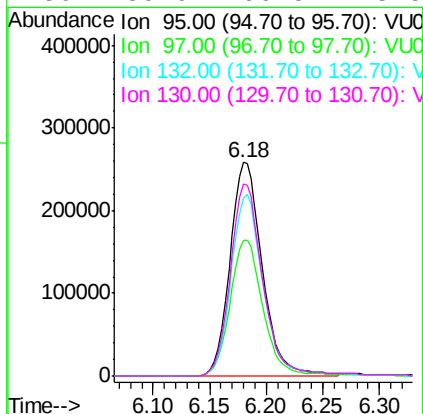
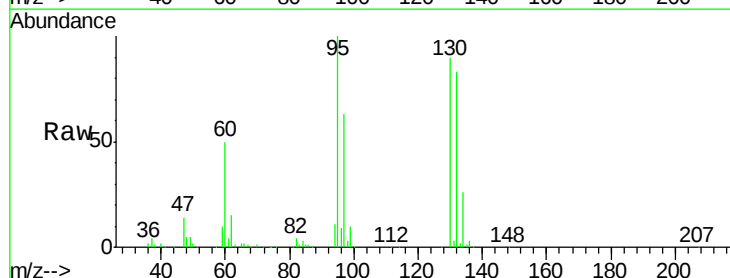
Tot Ion:101 Resp: 8914
Ion Ratio Lower Upper
101 100
103 69.8 50.8 76.2

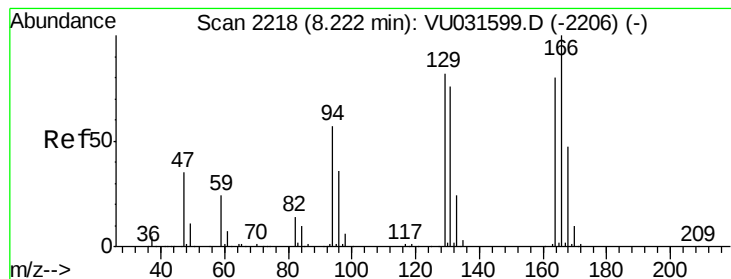


#34

Trichloroethene
Concen: 93.491 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU031602.D
Acq: 29 Apr 2019 22:07

Tgt Ion: 95 Resp: 514031
Ion Ratio Lower Upper
95 100
97 63.4 44.8 83.2
132 83.2 63.1 117.1
130 89.9 66.5 123.5





#46

Tetrachloroethene

Concen: 5.733 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031602.D

Acq: 29 Apr 2019 22:07

Instrument :
MSVOA_U
ClientSampleId :
COWZ7

Tot Ion:164 Resp: 21490

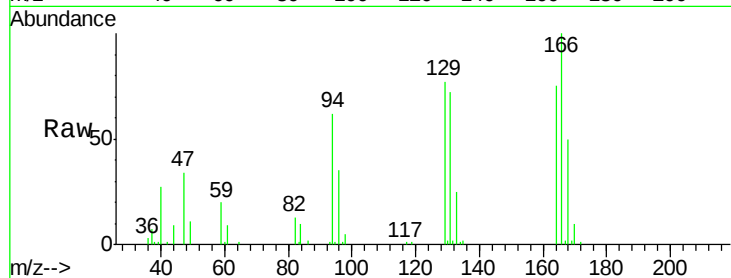
Ion Ratio Lower Upper

164 100

129 101.9 71.5 132.9

131 96.3 69.0 128.2

166 133.1 93.7 173.9



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

