

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042919\
 Data File : VU031609.D
 Acq On : 30 Apr 2019 00:50
 Operator : JC/SP
 Sample : K2592-19DL 250X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X86DL

Quant Time: Apr 30 05:23:06 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	624565	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	615812	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	227163	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	330855	63.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	126.60%
7) Chloroethane-d5	1.68	69	244587	60.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	121.10%
11) 1,1-Dichloroethene-d2	2.27	63	461560	44.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.68%
21) 2-Butanone-d5	4.19	46	552370	116.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.63%
24) Chloroform-d	4.64	84	508884	53.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.32%
26) 1,2-Dichloroethane-d4	5.31	65	352006	56.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.56%
32) Benzene-d6	5.34	84	982464	51.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.90%
36) 1,2-Dichloropropane-d6	6.32	67	356701	53.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.24%
41) Toluene-d8	7.56	98	808739	49.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	7.85	79	136706	47.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.74%
47) 2-Hexanone-d5	8.31	63	292888	101.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.71%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	440962	49.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.78%
64) 1,2-Dichlorobenzene-d4	11.86	152	246680	51.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.28%

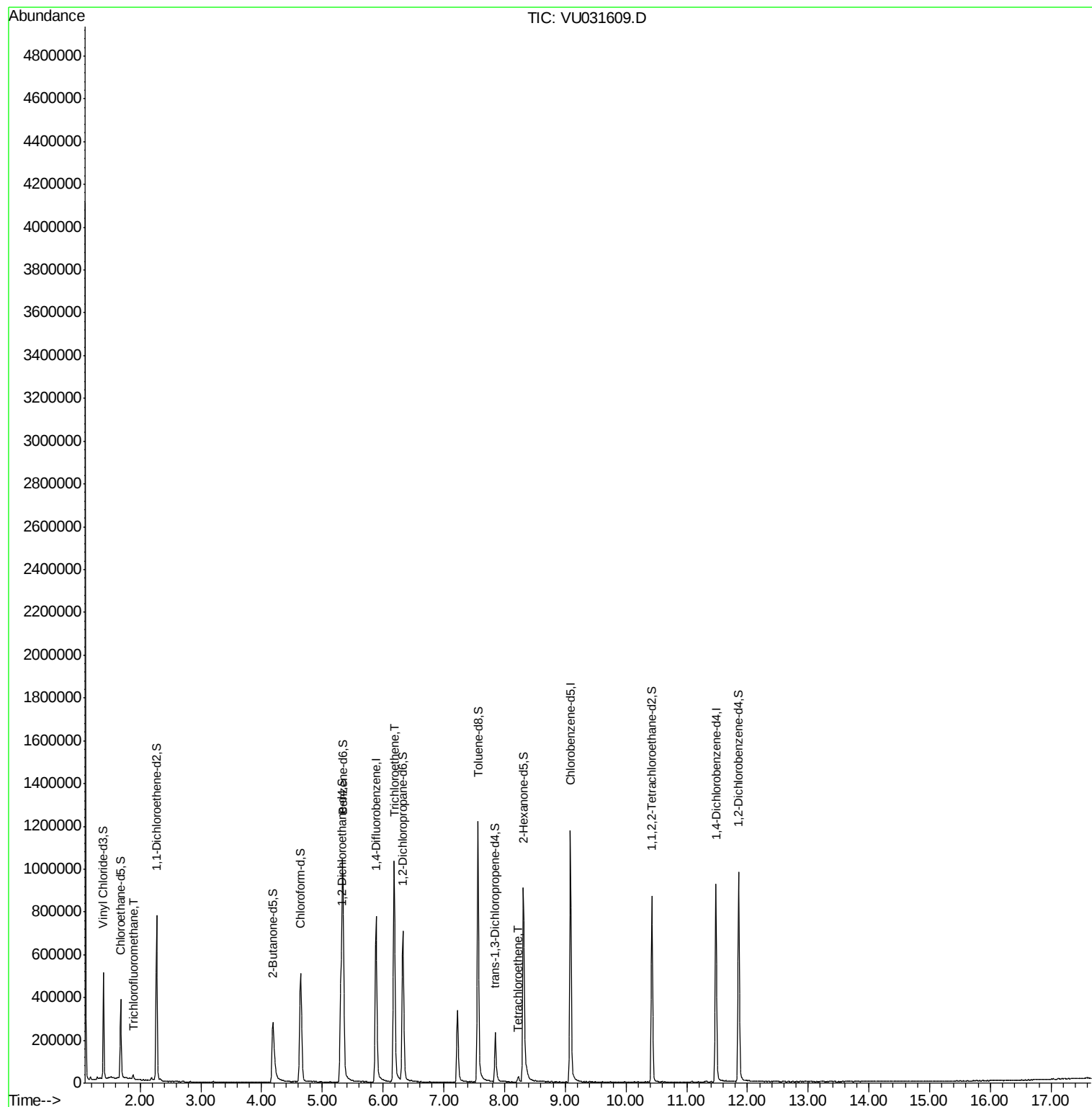
Target Compounds					Ovalue
9) Trichlorofluoromethane	1.88	101	5389	0.608 ug/L	98
34) Trichloroethene	6.18	95	388844	70.850 ug/L	95
46) Tetrachloroethene	8.22	164	5534	1.479 ug/L	91

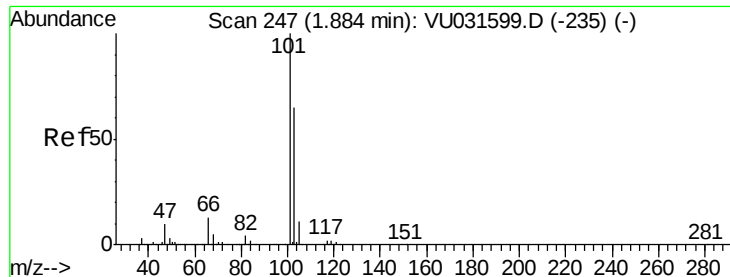
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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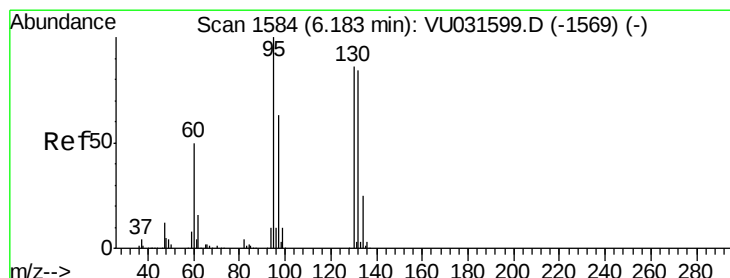
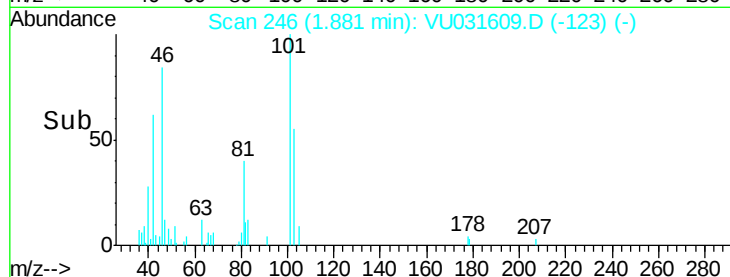
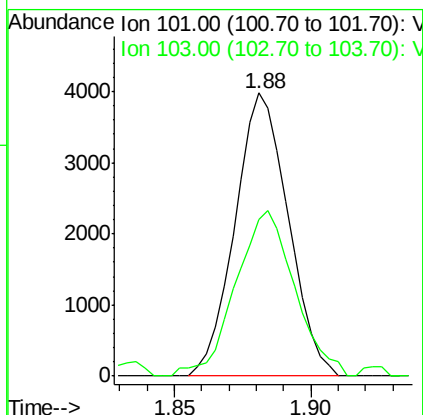
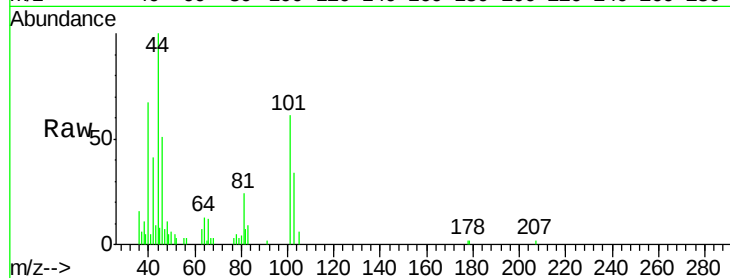


#9

Trichlorofluoromethane
Concen: 0.608 ug/L
RT: 1.88 min Scan# 246
Delta R.T. -0.00 min
Lab File: VU031609.D
Acq: 30 Apr 2019 00:50

Instrument :
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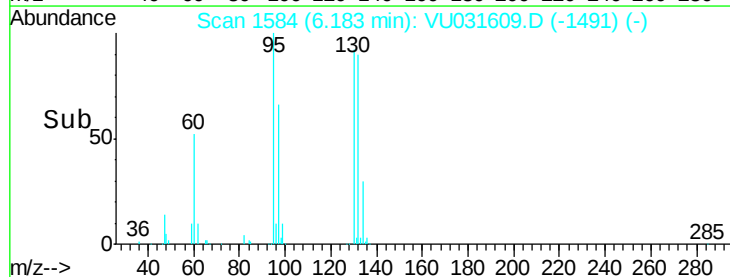
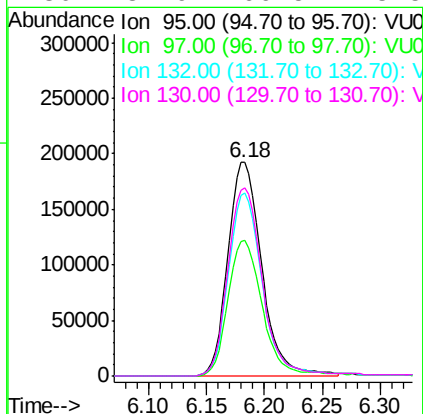
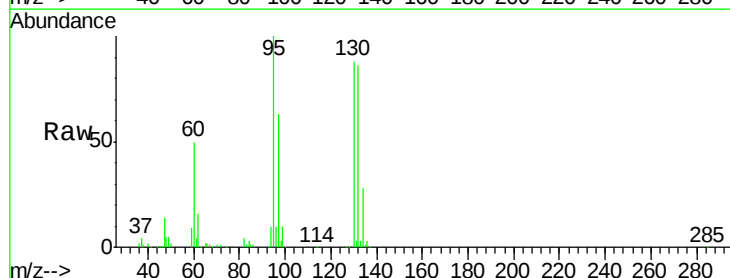
Tot Ion:101 Resp: 5389
Ion Ratio Lower Upper
101 100
103 64.9 50.8 76.2

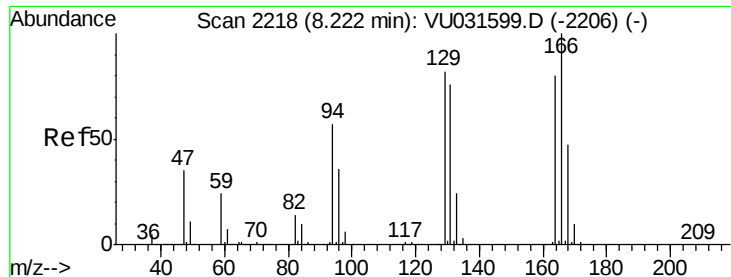


#34

Trichloroethene
Concen: 70.850 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. -0.00 min
Lab File: VU031609.D
Acq: 30 Apr 2019 00:50

Tgt Ion: 95 Resp: 388844
Ion Ratio Lower Upper
95 100
97 63.3 44.8 83.2
132 85.8 63.1 117.1
130 87.9 66.5 123.5





#46

Tetrachloroethene

Concen: 1.479 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031609.D

Acq: 30 Apr 2019 00:50

Instrument :

MSVOA_U

ClientSampleId :

C0X86DL

Tot Ion:164 Resp: 5534

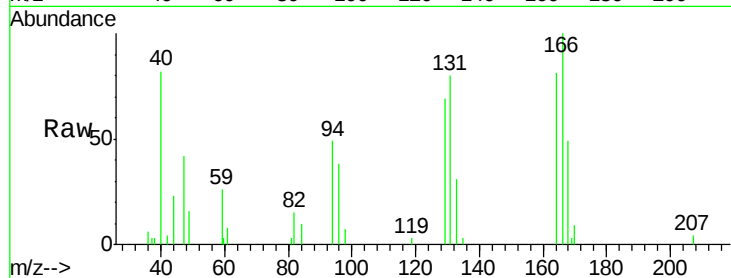
Ion Ratio Lower Upper

164 100

129 85.5 71.5 132.9

131 99.5 69.0 128.2

166 123.9 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

