

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042919\
 Data File : VU031614.D
 Acq On : 30 Apr 2019 02:46
 Operator : JC/SP
 Sample : K2593-02 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XB4

Quant Time: Apr 30 05:35:09 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	593987	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	581873	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	206225	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	318718	64.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	128.22%
7) Chloroethane-d5	1.68	69	237218	61.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	123.50%
11) 1,1-Dichloroethene-d2	2.27	63	436993	44.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.28%
21) 2-Butanone-d5	4.19	46	526673	116.93	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.93%
24) Chloroform-d	4.64	84	490337	53.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.72%
26) 1,2-Dichloroethane-d4	5.31	65	340064	57.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.34%
32) Benzene-d6	5.34	84	940854	52.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.32%
36) 1,2-Dichloropropane-d6	6.33	67	346947	55.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.38%
41) Toluene-d8	7.56	98	769418	49.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.88%
43) trans-1,3-Dichloropropene-	7.85	79	127860	47.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.76%
47) 2-Hexanone-d5	8.31	63	289883	106.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.54%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	434413	51.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.98%
64) 1,2-Dichlorobenzene-d4	11.86	152	234596	54.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.18%

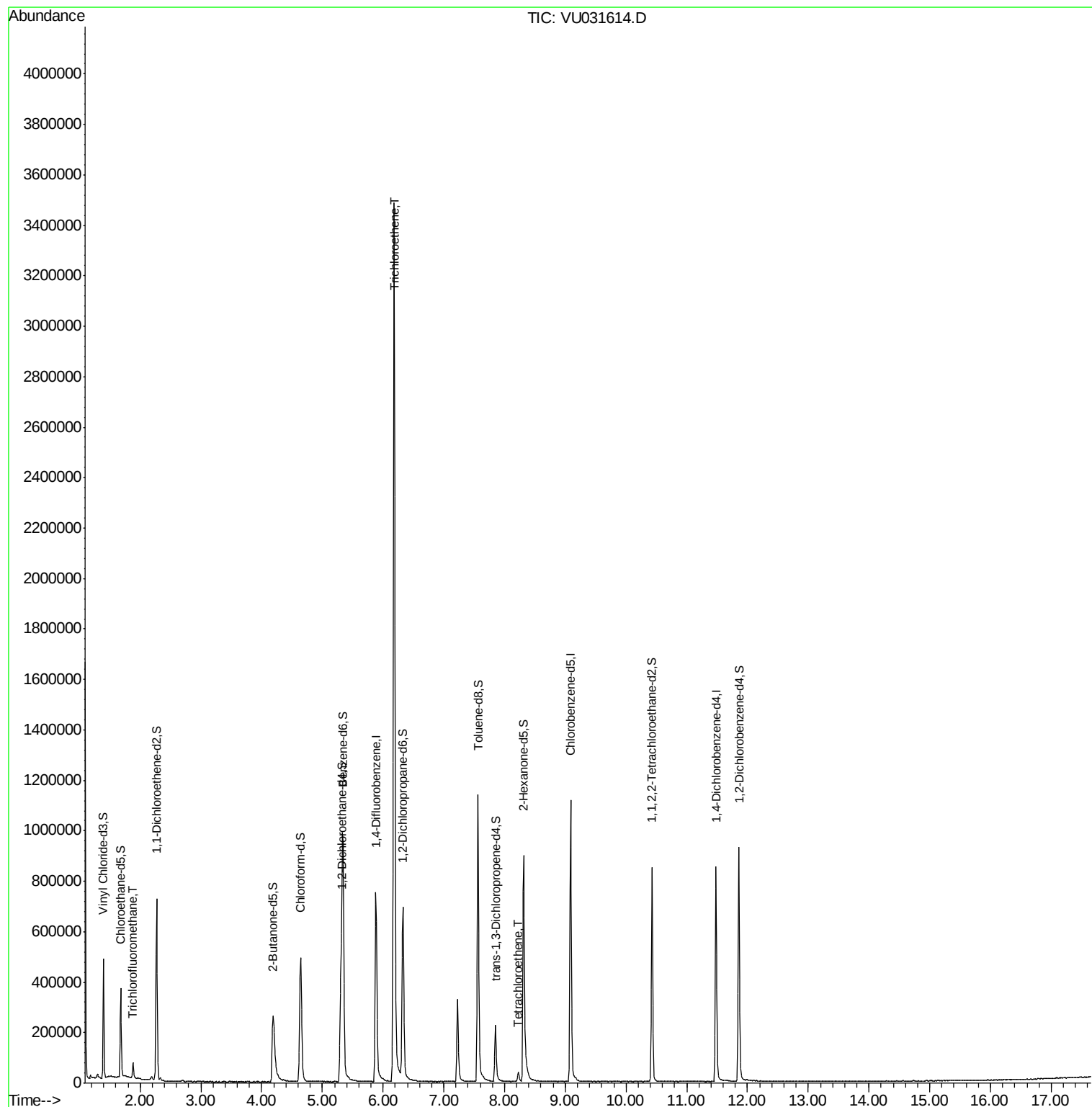
Target Compounds					Ovalue
9) Trichlorofluoromethane	1.88	101	31085	3.691 ug/L	97
34) Trichloroethene	6.18	95	1277640	246.374 ug/L	96
46) Tetrachloroethene	8.23	164	8153	2.306 ug/L	93

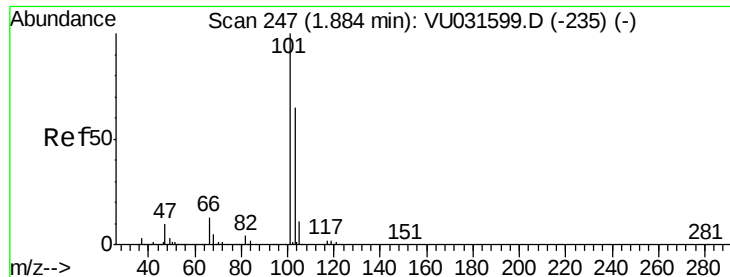
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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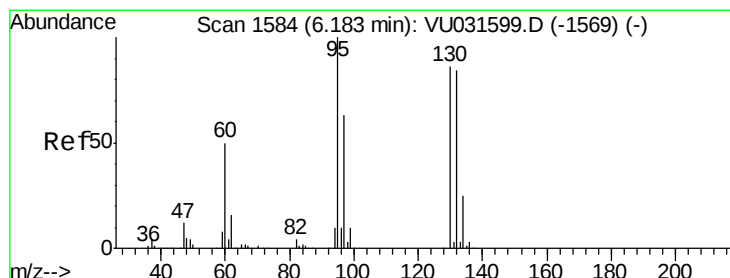
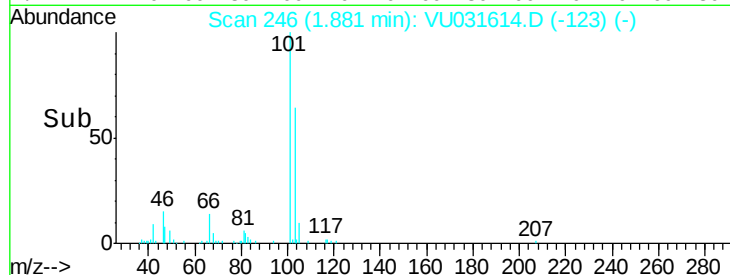
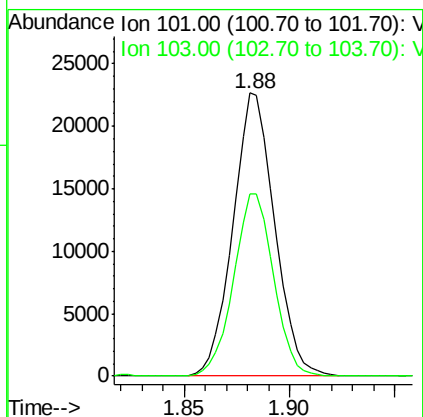
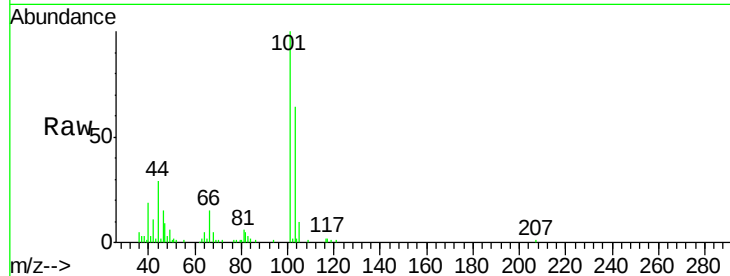


#9

Trichlorofluoromethane
Concen: 3.691 ug/L
RT: 1.88 min Scan# 246
Delta R.T. -0.00 min
Lab File: VU031614.D
Acq: 30 Apr 2019 02:46

Instrument :
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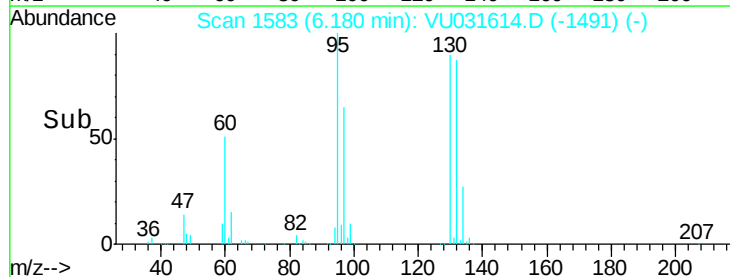
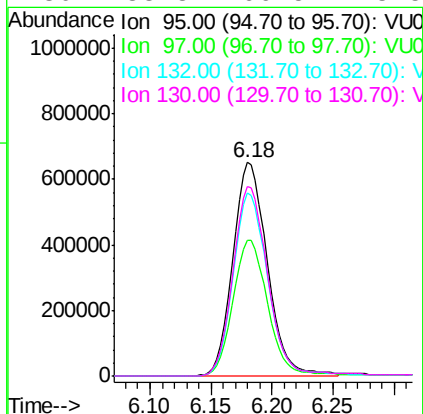
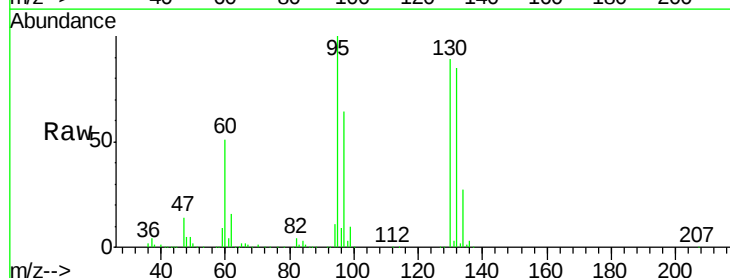
Tot Ion:101 Resp: 31085
Ion Ratio Lower Upper
101 100
103 61.5 50.8 76.2

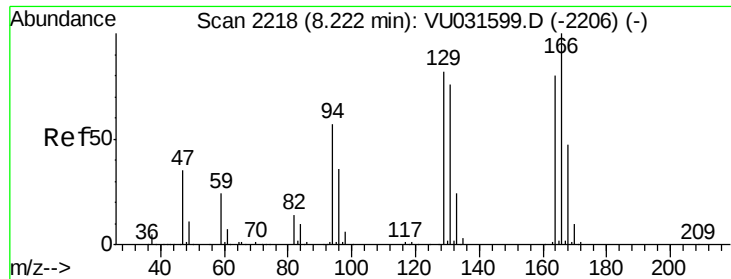


#34

Trichloroethene
Concen: 246.374 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU031614.D
Acq: 30 Apr 2019 02:46

Tgt Ion: 95 Resp: 1277640
Ion Ratio Lower Upper
95 100
97 63.6 44.8 83.2
132 85.5 63.1 117.1
130 88.8 66.5 123.5





#46

Tetrachloroethene

Concen: 2.306 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.01 min

Lab File: VU031614.D

Acq: 30 Apr 2019 02:46

Instrument :

MSVOA_U

ClientSampleId :

C0XB4

Tot Ion:164 Resp: 8153

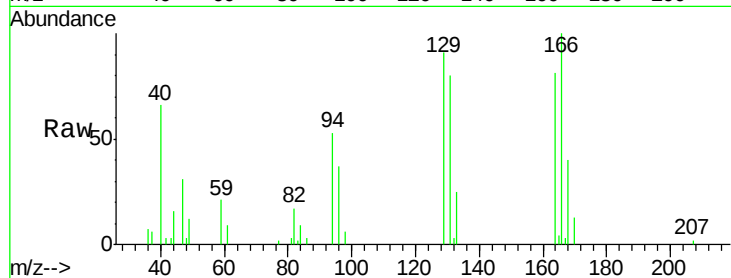
Ion Ratio Lower Upper

164 100

129 112.0 71.5 132.9

131 98.0 69.0 128.2

166 123.2 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

