

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042319\
 Data File : VU031428.D
 Acq On : 23 Apr 2019 11:20
 Operator : JC/SP
 Sample : K2477-07DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X64DL

Quant Time: Apr 24 06:53:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 24 06:00:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	681217	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	598797	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	251292	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	251580	45.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.16%
7) Chloroethane-d5	1.68	69	205914	48.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.98%
11) 1,1-Dichloroethene-d2	2.27	63	371129	38.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.30%
21) 2-Butanone-d5	4.19	46	420360	101.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.86%
24) Chloroform-d	4.64	84	443620	50.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.86%
26) 1,2-Dichloroethane-d4	5.31	65	278192	52.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.60%
32) Benzene-d6	5.34	84	919117	53.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.26%
36) 1,2-Dichloropropane-d6	6.32	67	308714	55.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.92%
41) Toluene-d8	7.56	98	765877	49.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.14%
43) trans-1,3-Dichloropropene-	7.85	79	118300	46.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.28%
47) 2-Hexanone-d5	8.31	63	286273	102.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.65%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	379991	50.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.64%
64) 1,2-Dichlorobenzene-d4	11.86	152	264890	51.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.14%

Target Compounds

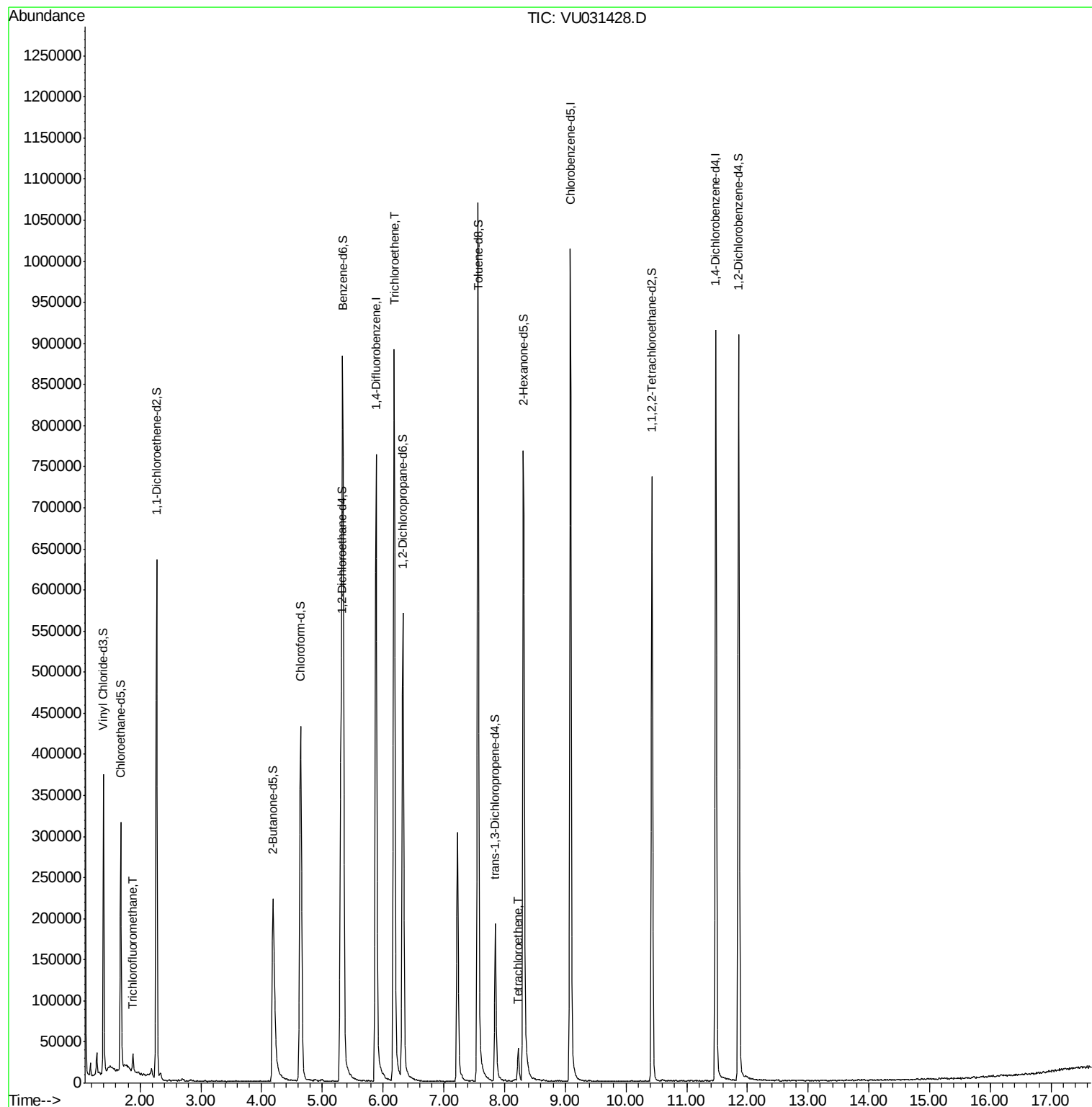
					Ovalue
9) Trichlorofluoromethane	1.88	101	7848	1.079 ug/L	97
34) Trichloroethene	6.18	95	326209	71.080 ug/L	99
46) Tetrachloroethene	8.23	164	10365	3.184 ug/L	97

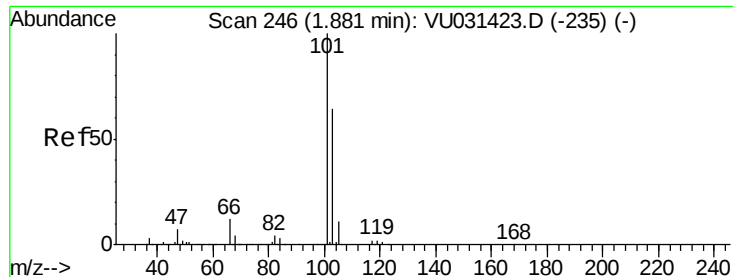
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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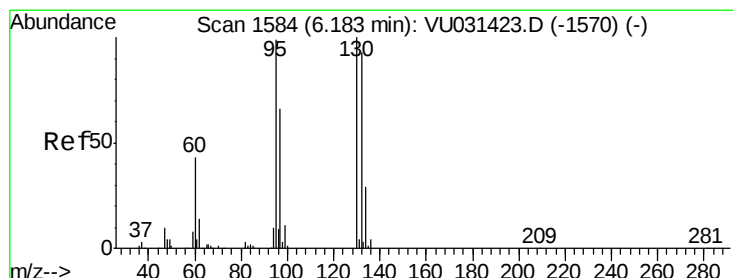
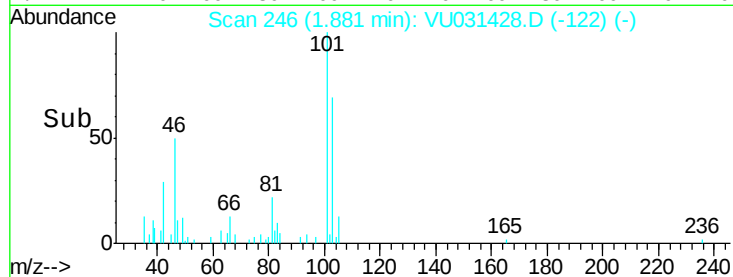
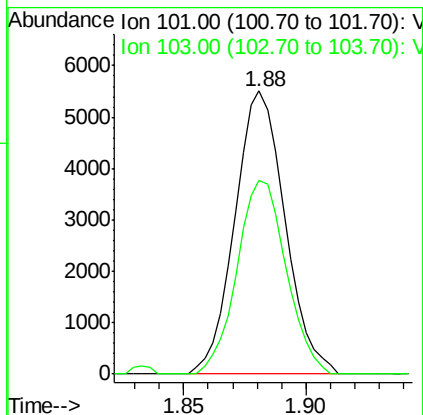
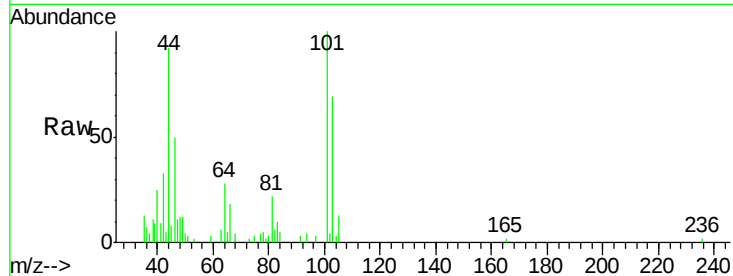


#9

Trichlorofluoromethane
Concen: 1.079 ug/L
RT: 1.88 min Scan# 246
Delta R.T. -0.00 min
Lab File: VU031428.D
Acq: 23 Apr 2019 11:20

Instrument :
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ClientSampleId :
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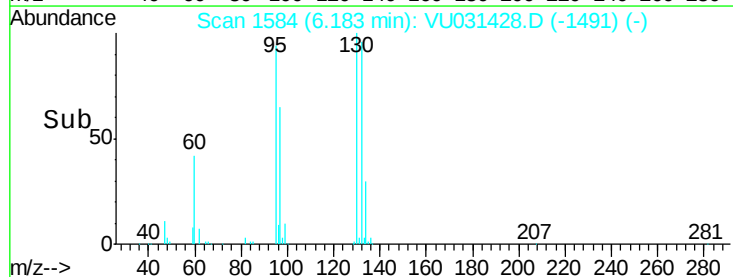
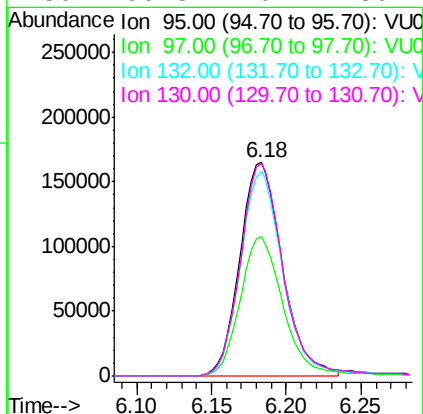
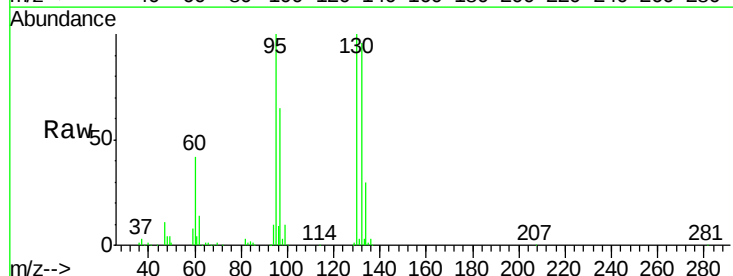
Tot Ion:101 Resp: 7848
Ion Ratio Lower Upper
101 100
103 67.0 51.4 77.2

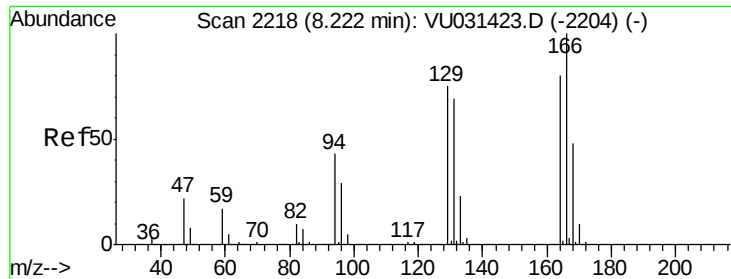


#34

Trichloroethene
Concen: 71.080 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. -0.00 min
Lab File: VU031428.D
Acq: 23 Apr 2019 11:20

Tgt Ion: 95 Resp: 326209
Ion Ratio Lower Upper
95 100
97 65.2 44.9 83.5
132 95.6 68.0 126.2
130 99.8 70.1 130.1

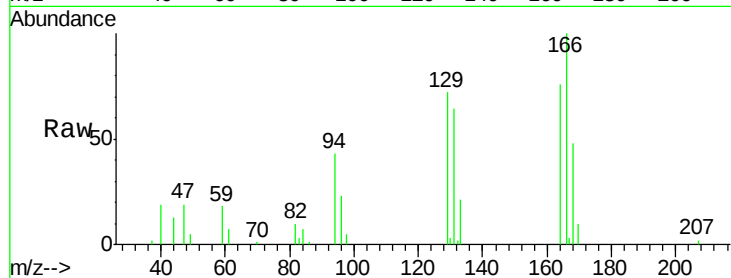




#46
Tetrachloroethene
Concen: 3.184 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. 0.01 min
Lab File: VU031428.D
Acq: 23 Apr 2019 11:20

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Tot Ion:	164	Resp:	10365
Ion	Ratio	Lower	Upper
164	100		
129	94.9	65.2	121.0
131	84.5	61.4	114.0
166	132.0	89.2	165.6



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

