

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042319\
 Data File : VU031431.D
 Acq On : 23 Apr 2019 12:30
 Operator : JC/SP
 Sample : K2478-08DL 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XG1DL

Quant Time: Apr 24 07:02:48 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	659874	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	632606	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	251477	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	250802	46.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.80%
7) Chloroethane-d5	1.68	69	205794	50.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.10%
11) 1,1-Dichloroethene-d2	2.27	63	361312	38.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.68%
21) 2-Butanone-d5	4.19	46	435755	109.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.01%
24) Chloroform-d	4.64	84	426490	50.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.10%
26) 1,2-Dichloroethane-d4	5.31	65	271167	53.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.26%
32) Benzene-d6	5.34	84	893542	48.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.33	67	290485	49.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.80%
41) Toluene-d8	7.56	98	761134	46.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.26%
43) trans-1,3-Dichloropropene-	7.85	79	119677	44.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.32%
47) 2-Hexanone-d5	8.31	63	276829	93.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.96%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	397344	49.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.62%
64) 1,2-Dichlorobenzene-d4	11.86	152	258633	50.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.62%

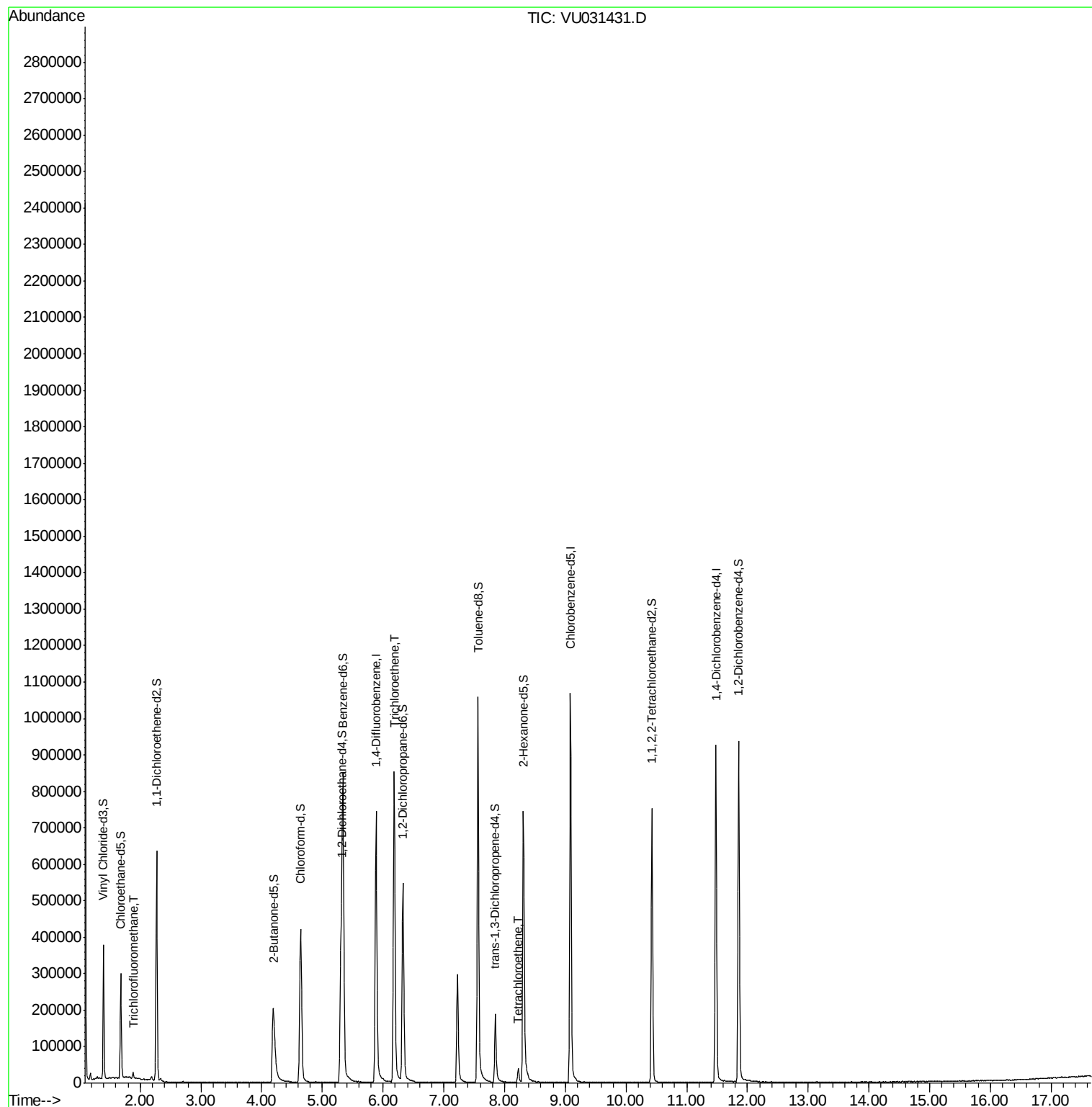
Target Compounds					Ovalue
9) Trichlorofluoromethane	1.88	101	4757	0.675 ug/L	98
34) Trichloroethene	6.18	95	315021	64.973 ug/L	98
46) Tetrachloroethene	8.23	164	10605	3.084 ug/L	91

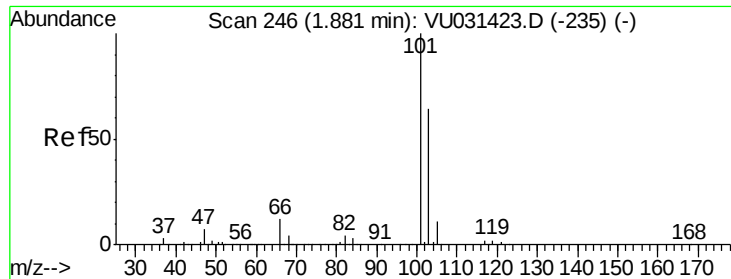
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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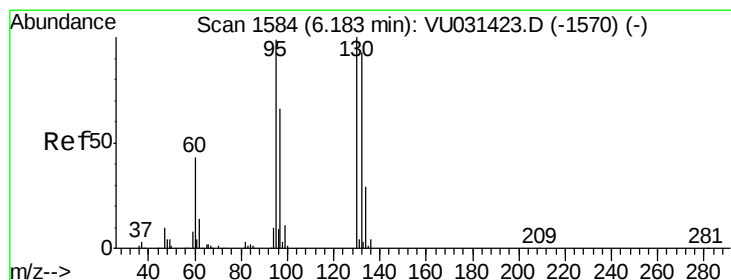
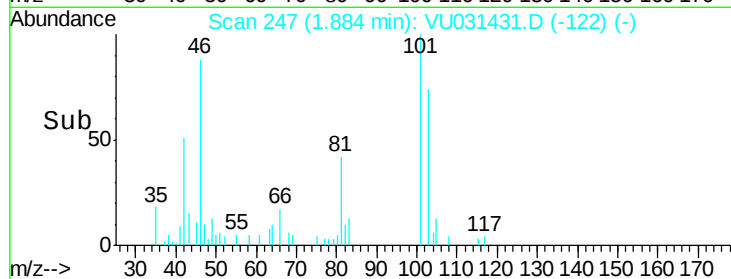
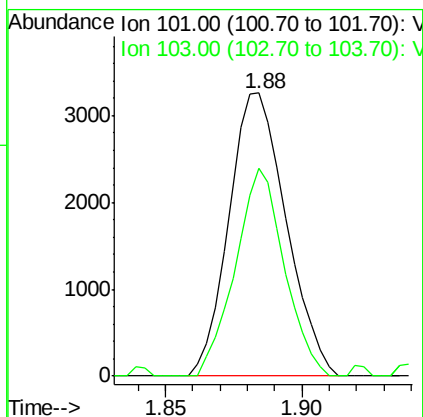
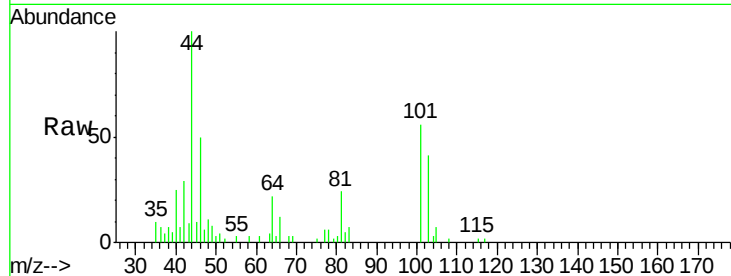


#9

Trichlorofluoromethane
Concen: 0.675 ug/L
RT: 1.88 min Scan# 247
Delta R.T. 0.00 min
Lab File: VU031431.D
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Instrument :
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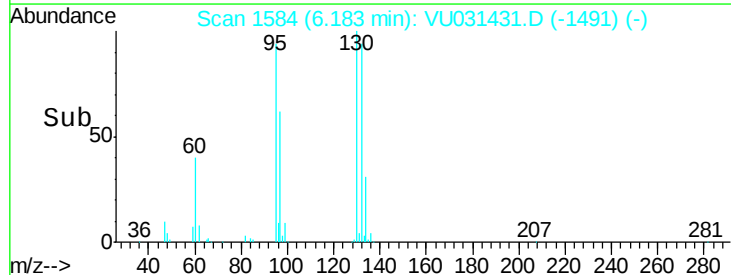
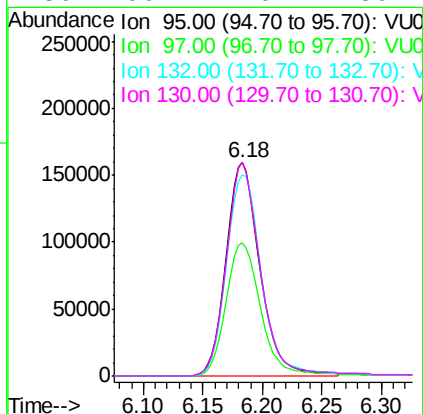
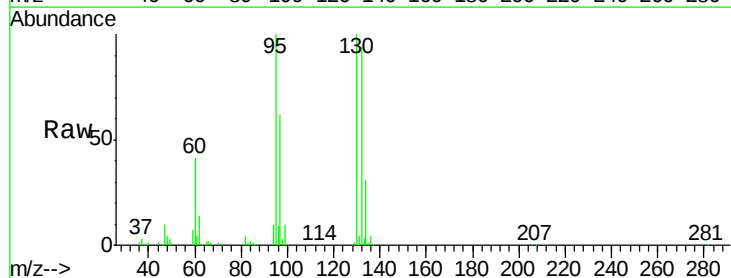
Tot Ion:101 Resp: 4757
Ion Ratio Lower Upper
101 100
103 62.5 51.4 77.2

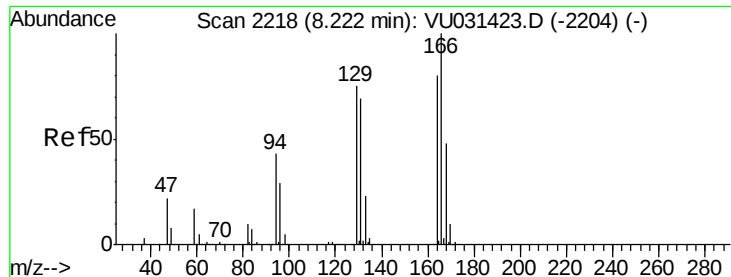


#34

Trichloroethene
Concen: 64.973 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. -0.00 min
Lab File: VU031431.D
Acq: 23 Apr 2019 12:30

Tgt Ion: 95 Resp: 315021
Ion Ratio Lower Upper
95 100
97 62.5 44.9 83.5
132 94.5 68.0 126.2
130 100.1 70.1 130.1





#46

Tetrachloroethene

Concen: 3.084 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.01 min

Lab File: VU031431.D

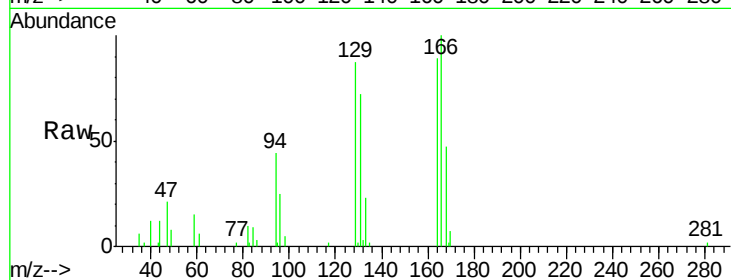
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Tot Ion:164 Resp: 10605

Ion Ratio Lower Upper

164 100

129 97.7 65.2 121.0

131 81.1 61.4 114.0

166 112.0 89.2 165.6

