

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042319\
 Data File : VU031429.D
 Acq On : 23 Apr 2019 11:43
 Operator : JC/SP
 Sample : K2477-06DL 25X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X63DL

Quant Time: Apr 24 06:55:44 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	685998	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	629606	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	255983	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	262222	47.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.34%
7) Chloroethane-d5	1.68	69	211154	49.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.78%
11) 1,1-Dichloroethene-d2	2.27	63	371267	38.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.78%
21) 2-Butanone-d5	4.19	46	437821	105.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.35%
24) Chloroform-d	4.64	84	437217	49.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.72%
26) 1,2-Dichloroethane-d4	5.31	65	279045	52.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.18%
32) Benzene-d6	5.34	84	910868	50.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.16%
36) 1,2-Dichloropropane-d6	6.32	67	304298	51.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.98%
41) Toluene-d8	7.56	98	792952	48.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.62%
43) trans-1,3-Dichloropropene-	7.85	79	127673	47.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.74%
47) 2-Hexanone-d5	8.31	63	299917	102.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.28%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	401997	50.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.26%
64) 1,2-Dichlorobenzene-d4	11.86	152	270353	51.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.34%

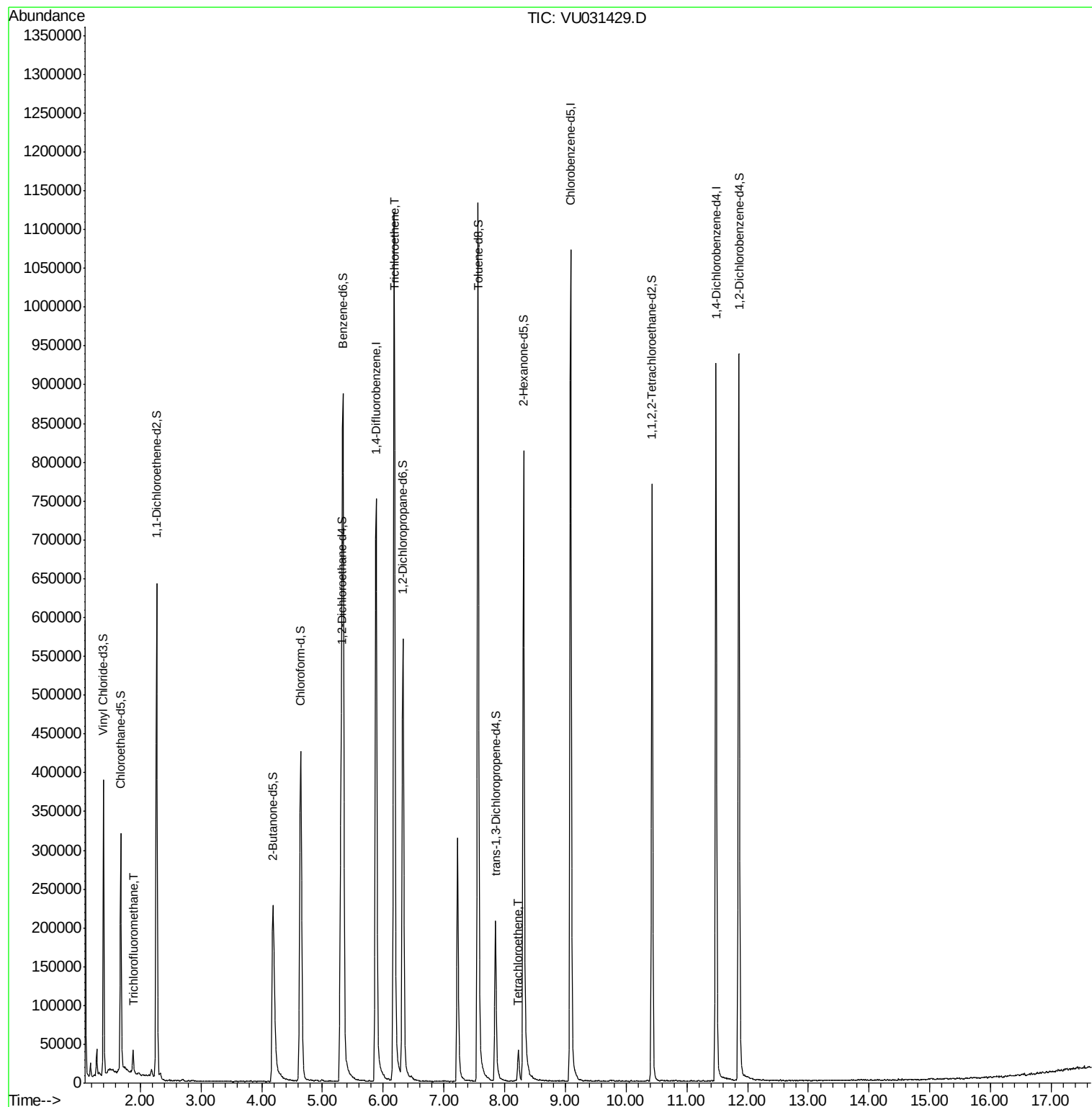
Target Compounds					Ovalue
9) Trichlorofluoromethane	1.88	101	12441	1.699 ug/L	98
34) Trichloroethene	6.18	95	422914	87.642 ug/L	100
46) Tetrachloroethene	8.23	164	9977	2.915 ug/L	94

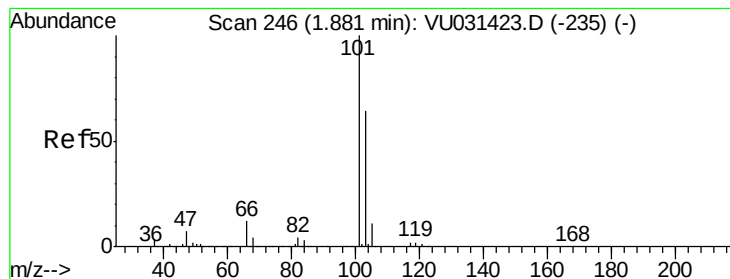
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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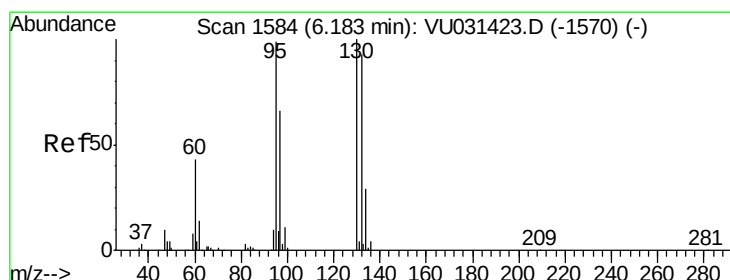
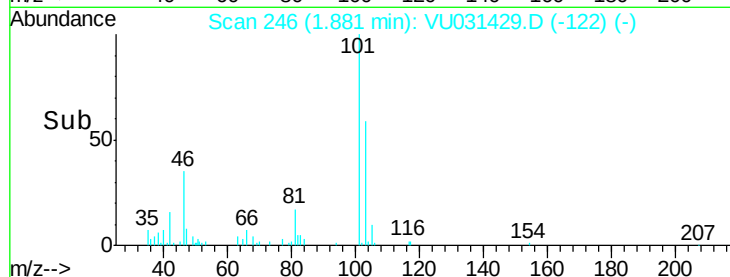
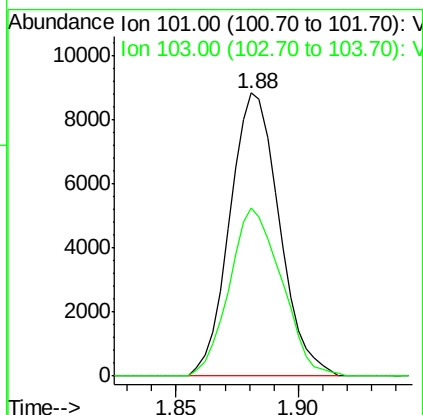
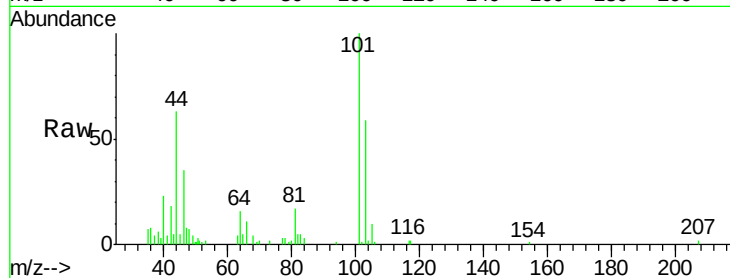


#9

Trichlorofluoromethane
Concen: 1.699 ug/L
RT: 1.88 min Scan# 246
Delta R.T. -0.00 min
Lab File: VU031429.D
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Instrument :
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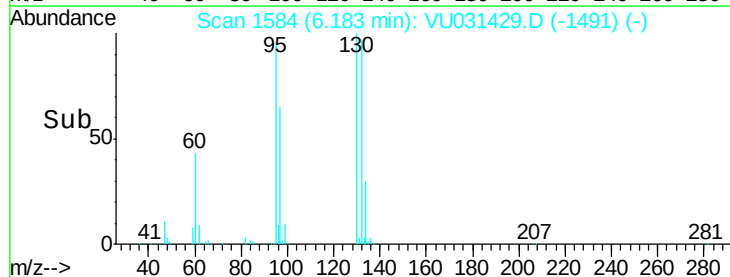
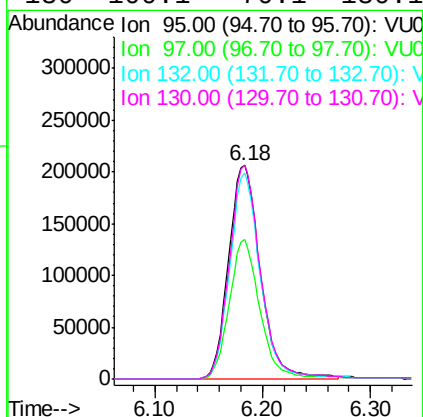
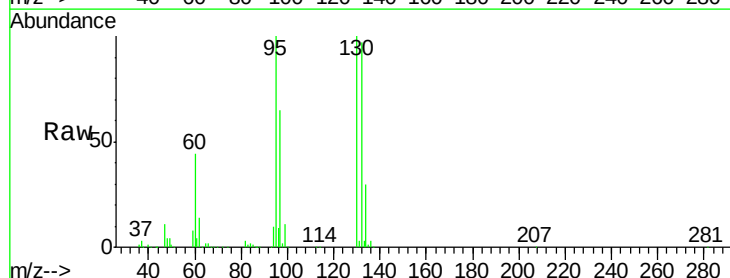
Tot Ion:101 Resp: 12441
Ion Ratio Lower Upper
101 100
103 62.4 51.4 77.2

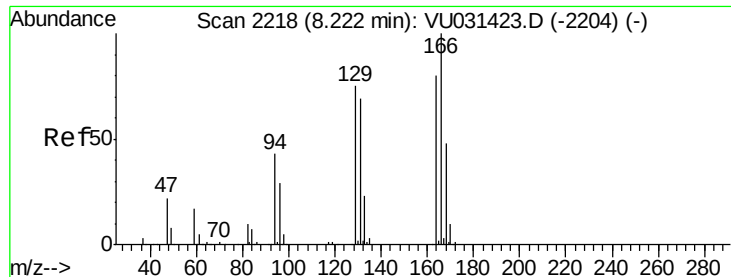


#34

Trichloroethene
Concen: 87.642 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. -0.00 min
Lab File: VU031429.D
Acq: 23 Apr 2019 11:43

Tgt Ion: 95 Resp: 422914
Ion Ratio Lower Upper
95 100
97 65.4 44.9 83.5
132 96.8 68.0 126.2
130 100.1 70.1 130.1





#46

Tetrachloroethene

Concen: 2.915 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.01 min

Lab File: VU031429.D

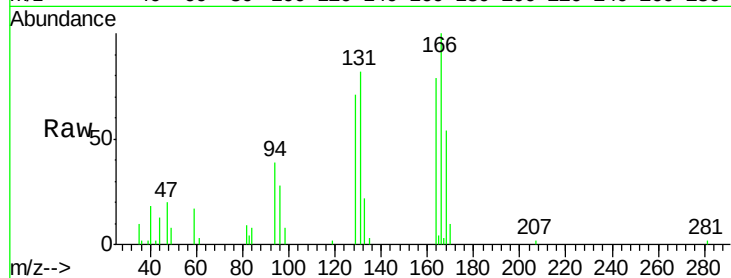
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Tot Ion:164 Resp: 9977

Ion Ratio Lower Upper

164 100

129 89.6 65.2 121.0

131 102.8 61.4 114.0

166 126.0 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

