

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042219\
 Data File : VU031394.D
 Acq On : 22 Apr 2019 15:17
 Operator : JC/SP
 Sample : K2428-13DL 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X13DL

Quant Time: Apr 23 01:58:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 00:59:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	507074	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	456879	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	202190	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	207888	44.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.04%
7) Chloroethane-d5	1.68	69	183752	45.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.64%
11) 1,1-Dichloroethene-d2	2.27	63	307555	33.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.50%
21) 2-Butanone-d5	4.19	46	418898	123.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	123.17%
24) Chloroform-d	4.64	84	396064	50.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.66%
26) 1,2-Dichloroethane-d4	5.31	65	246147	51.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.60%
32) Benzene-d6	5.34	84	817147	56.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.16%
36) 1,2-Dichloropropane-d6	6.33	67	204079	43.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.08%
41) Toluene-d8	7.56	98	558810	43.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.94%
43) trans-1,3-Dichloropropene-	7.85	79	91789	40.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.92%
47) 2-Hexanone-d5	8.31	63	225108	101.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.73%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	295766	45.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.90%
64) 1,2-Dichlorobenzene-d4	11.86	152	209662	45.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.42%

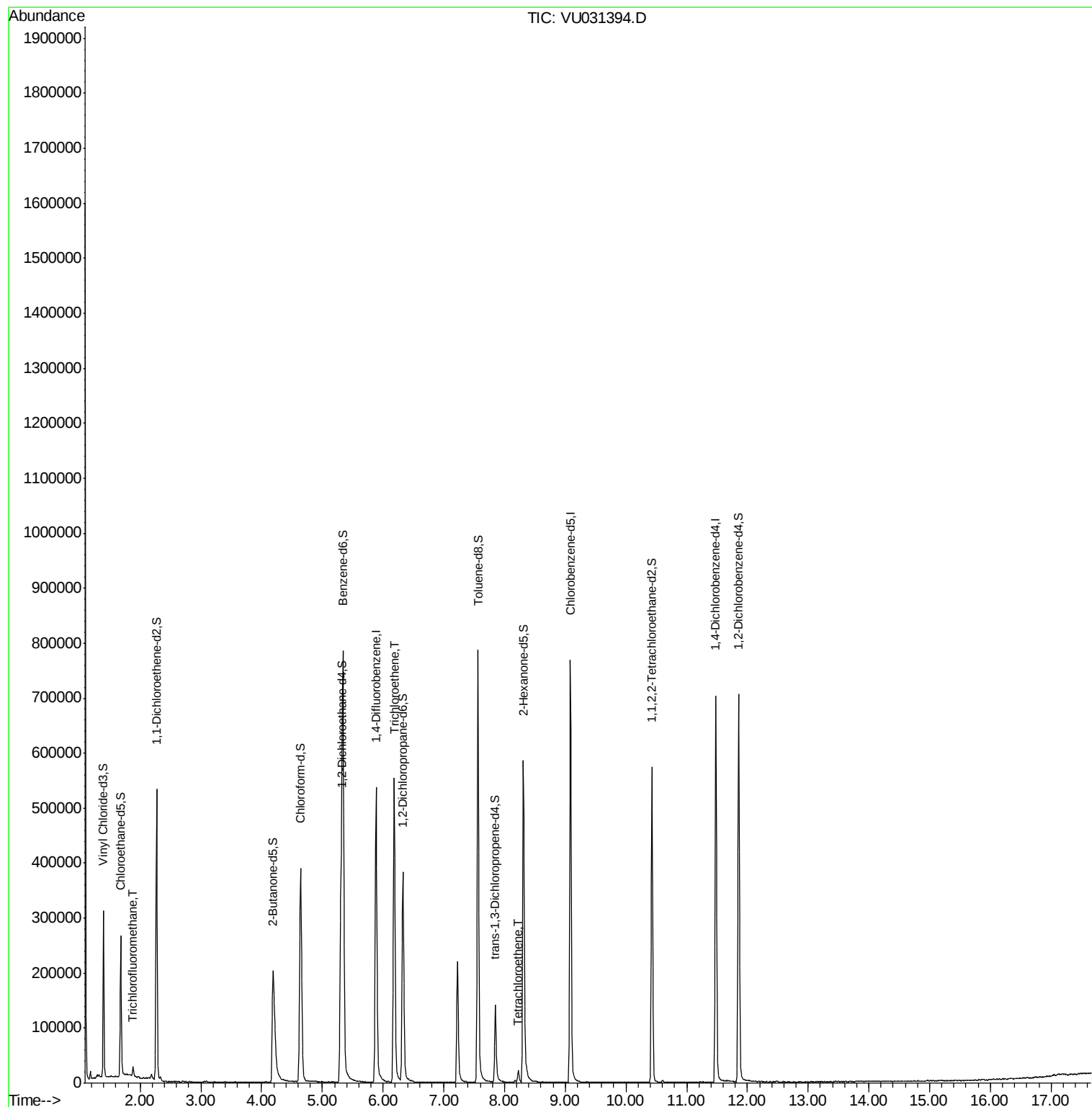
Target Compounds					Ovalue
9) Trichlorofluoromethane	1.88	101	5184	0.671 ug/L	87
34) Trichloroethene	6.18	95	203195	52.848 ug/L	94
46) Tetrachloroethene	8.22	164	5735	1.983 ug/L	88

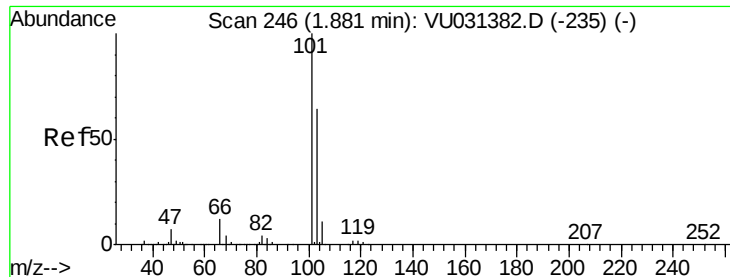
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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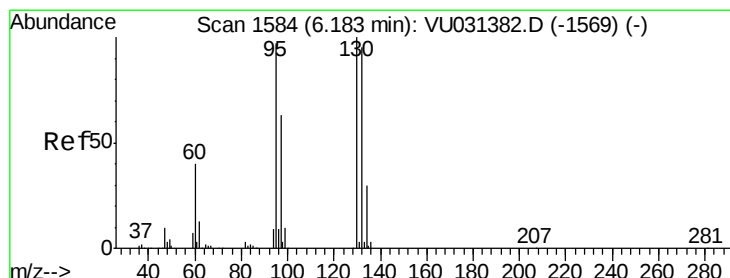
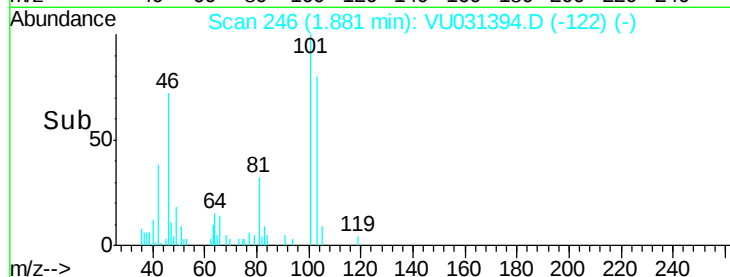
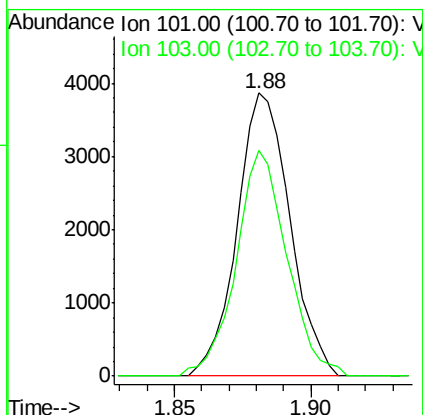
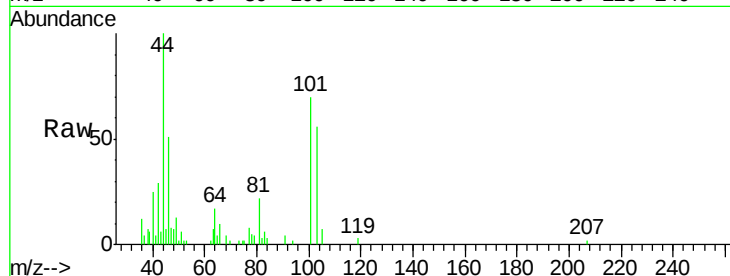


#9

Trichlorofluoromethane
Concen: 0.671 ug/L
RT: 1.88 min Scan# 246
Delta R.T. -0.00 min
Lab File: VU031394.D
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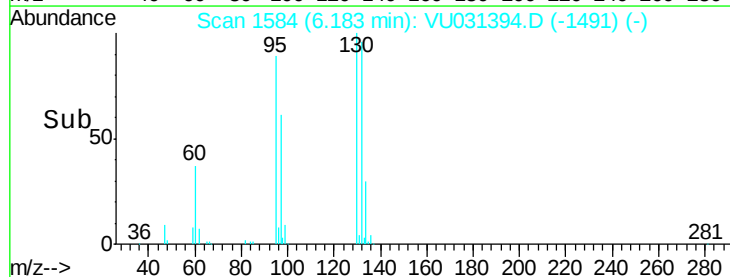
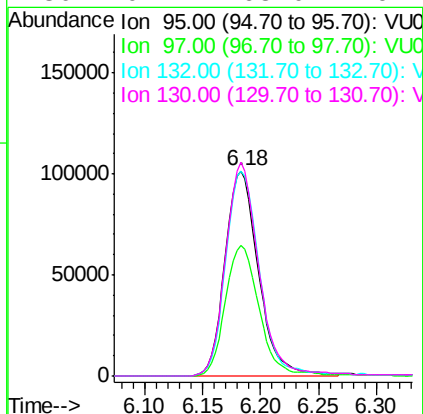
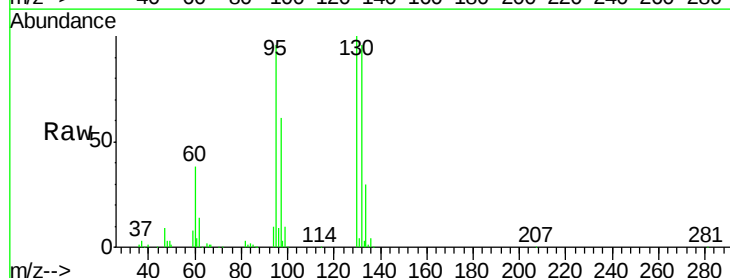
Tot Ion:101 Resp: 5184
Ion Ratio Lower Upper
101 100
103 76.9 53.0 79.6

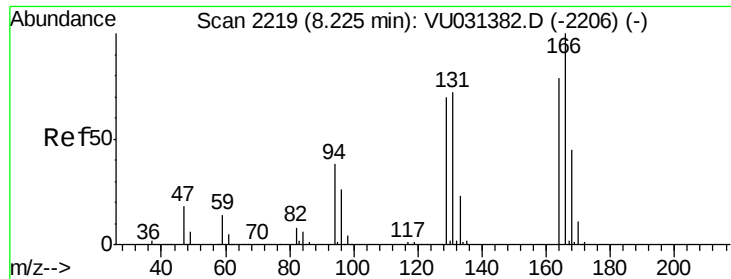


#34

Trichloroethene
Concen: 52.848 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. -0.00 min
Lab File: VU031394.D
Acq: 22 Apr 2019 15:17

Tgt Ion: 95 Resp: 203195
Ion Ratio Lower Upper
95 100
97 63.6 43.6 81.0
132 99.9 64.5 119.7
130 104.1 68.0 126.2





#46

Tetrachloroethene

Concen: 1.983 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.00 min

Lab File: VU031394.D

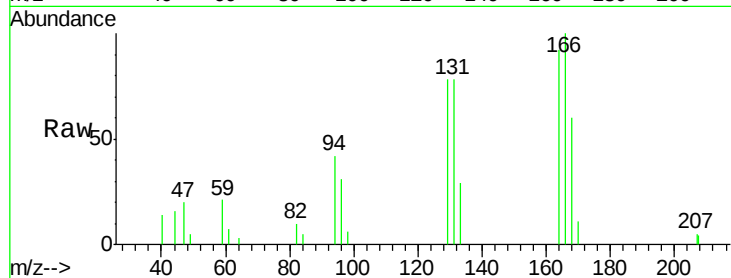
Acq: 22 Apr 2019 15:17

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Tot Ion:164 Resp: 5735

Ion Ratio Lower Upper

164 100

129 84.7 66.5 123.5

131 85.4 62.3 115.7

166 108.8 90.6 168.3

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

