

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042319\
 Data File : VU031434.D
 Acq On : 23 Apr 2019 13:40
 Operator : JC/SP
 Sample : K2428-14 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X14

Quant Time: Apr 24 07:12:48 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	675514	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	637308	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	256482	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	239602	43.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.54%
7) Chloroethane-d5	1.68	69	188820	45.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.62%
11) 1,1-Dichloroethene-d2	2.27	63	340796	35.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.58%
21) 2-Butanone-d5	4.19	46	438128	107.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.06%
24) Chloroform-d	4.64	84	428116	49.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.16%
26) 1,2-Dichloroethane-d4	5.31	65	275808	52.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.58%
32) Benzene-d6	5.34	84	896318	48.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.38%
36) 1,2-Dichloropropane-d6	6.32	67	298804	50.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.88%
41) Toluene-d8	7.56	98	767656	46.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.36%
43) trans-1,3-Dichloropropene-	7.85	79	122389	45.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.68%
47) 2-Hexanone-d5	8.31	63	290677	97.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.93%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	365741	45.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.02%
64) 1,2-Dichlorobenzene-d4	11.86	152	255369	48.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.42%

Target Compounds

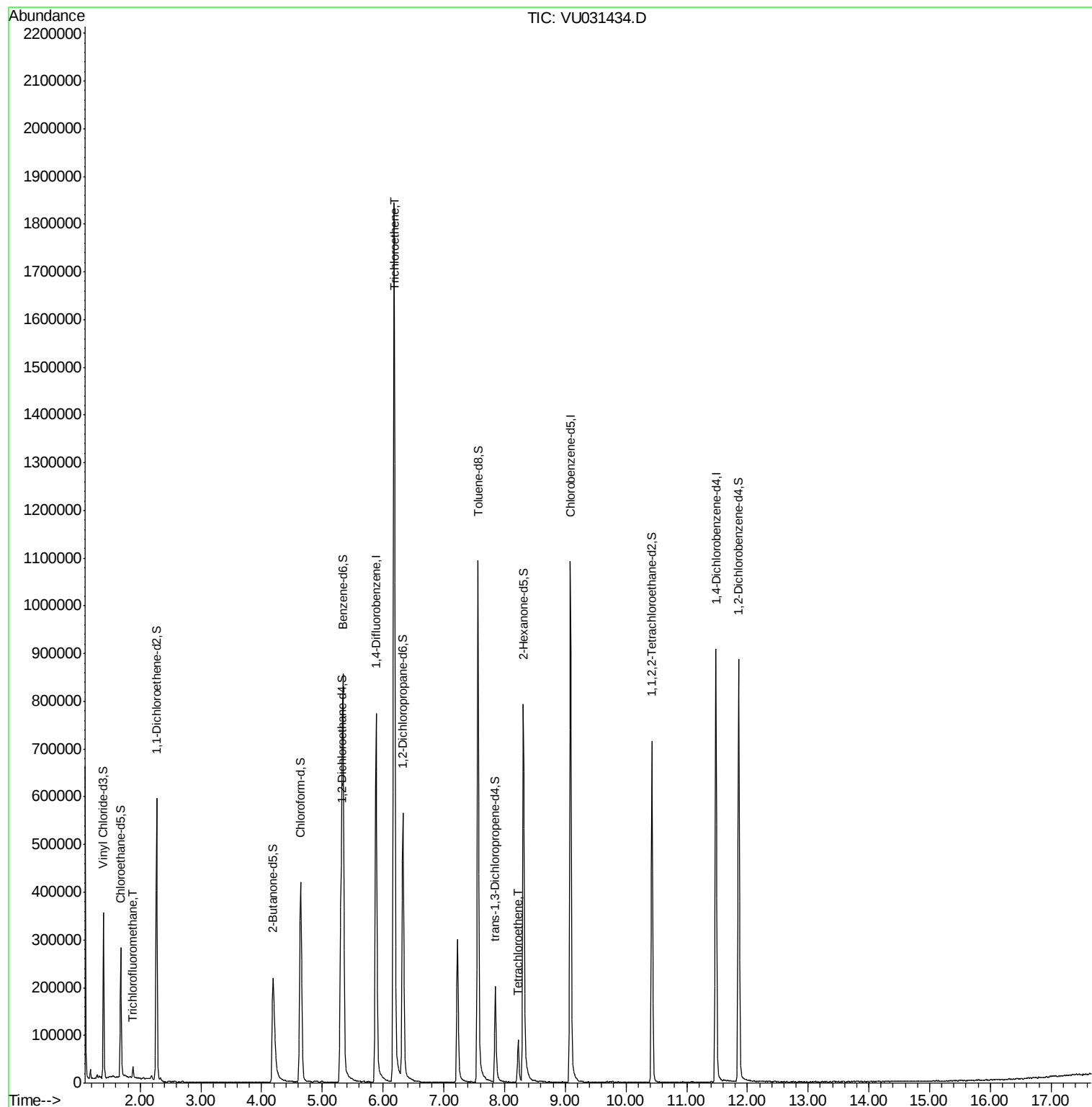
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.88	101	9029	1.252	ug/L	99
34) Trichloroethene	6.18	95	687796	140.812	ug/L	98
46) Tetrachloroethene	8.22	164	21328	6.157	ug/L	92

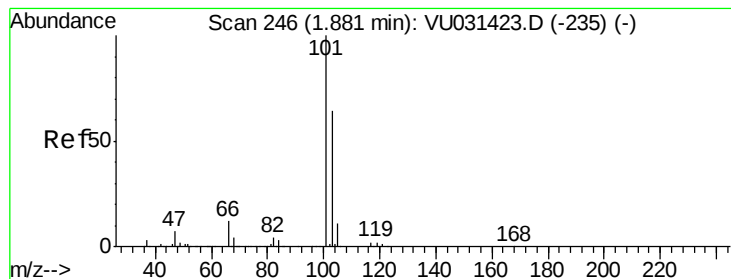
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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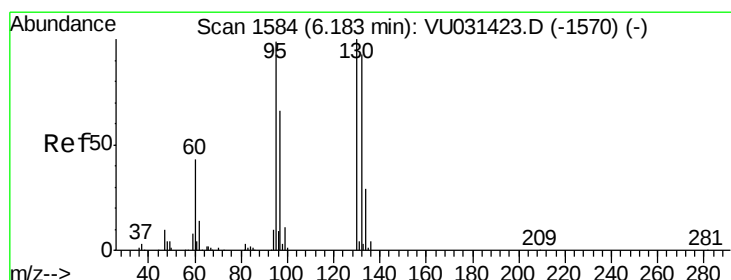
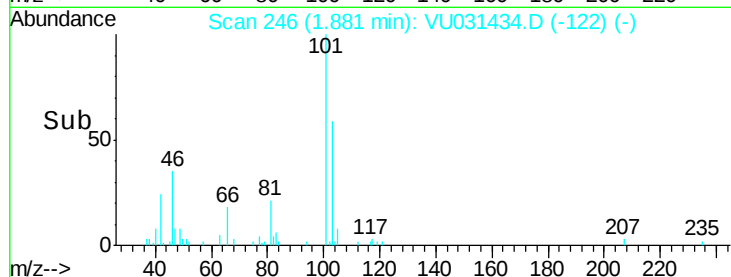
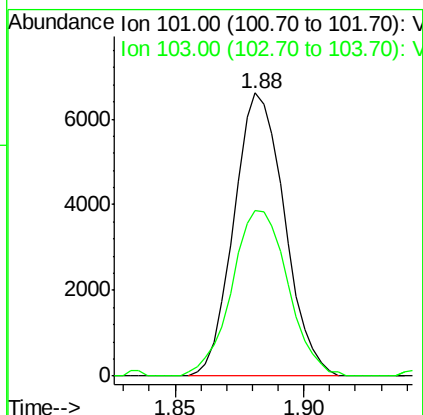
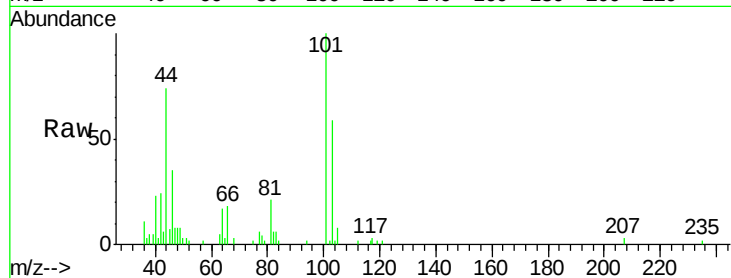


#9

Trichlorofluoromethane
 Concen: 1.252 ug/L
 RT: 1.88 min Scan# 246
 Delta R.T. -0.00 min
 Lab File: VU031434.D
 Acq: 23 Apr 2019 13:40

Instrument :
 MSVOA_U
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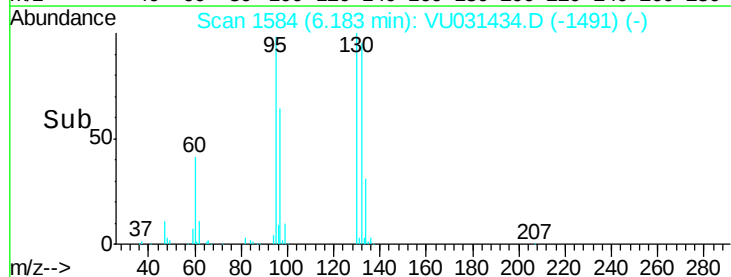
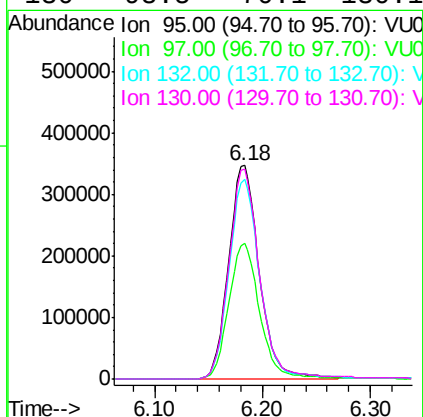
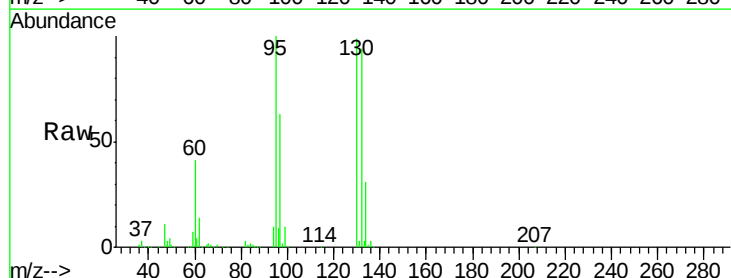
Tot Ion:101 Resp: 9029
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.4 77.2

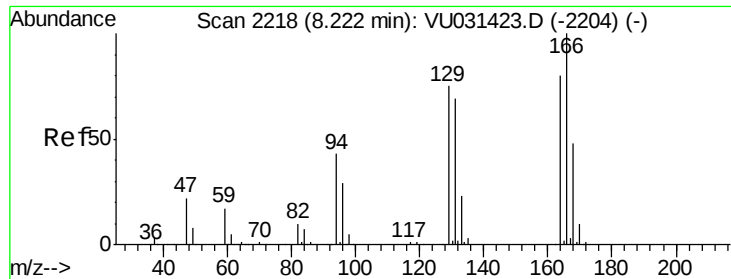


#34

Trichloroethene
 Concen: 140.812 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: VU031434.D
 Acq: 23 Apr 2019 13:40

Tgt Ion: 95 Resp: 687796
 Ion Ratio Lower Upper
 95 100
 97 63.4 44.9 83.5
 132 93.5 68.0 126.2
 130 98.5 70.1 130.1





#46

Tetrachloroethene

Concen: 6.157 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031434.D

Acq: 23 Apr 2019 13:40

Instrument :
MSVOA_U
ClientSampleId :
C0X14

Tot Ion:164 Resp: 21328

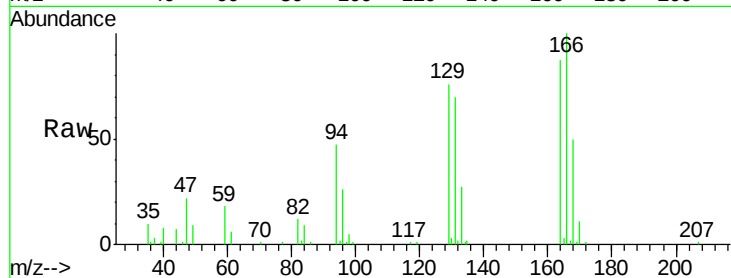
Ion Ratio Lower Upper

164 100

129 87.0 65.2 121.0

131 81.1 61.4 114.0

166 115.0 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

