

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042319\
 Data File : VU031435.D
 Acq On : 23 Apr 2019 14:03
 Operator : JC/SP
 Sample : K2477-01DL 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X35DL

Quant Time: Apr 24 07:18:12 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	664999	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	628462	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	255932	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	265374	49.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.50%
7) Chloroethane-d5	1.68	69	215092	52.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.84%
11) 1,1-Dichloroethene-d2	2.27	63	374254	39.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.86%
21) 2-Butanone-d5	4.19	46	435196	108.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.03%
24) Chloroform-d	4.64	84	436946	50.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.78%
26) 1,2-Dichloroethane-d4	5.31	65	278501	54.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.30%
32) Benzene-d6	5.34	84	922242	50.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.33	67	305902	52.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.72%
41) Toluene-d8	7.56	98	788559	48.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.26%
43) trans-1,3-Dichloropropene-	7.85	79	127811	48.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.02%
47) 2-Hexanone-d5	8.31	63	303287	103.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.62%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	404330	51.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.04%
64) 1,2-Dichlorobenzene-d4	11.86	152	264862	50.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.26%

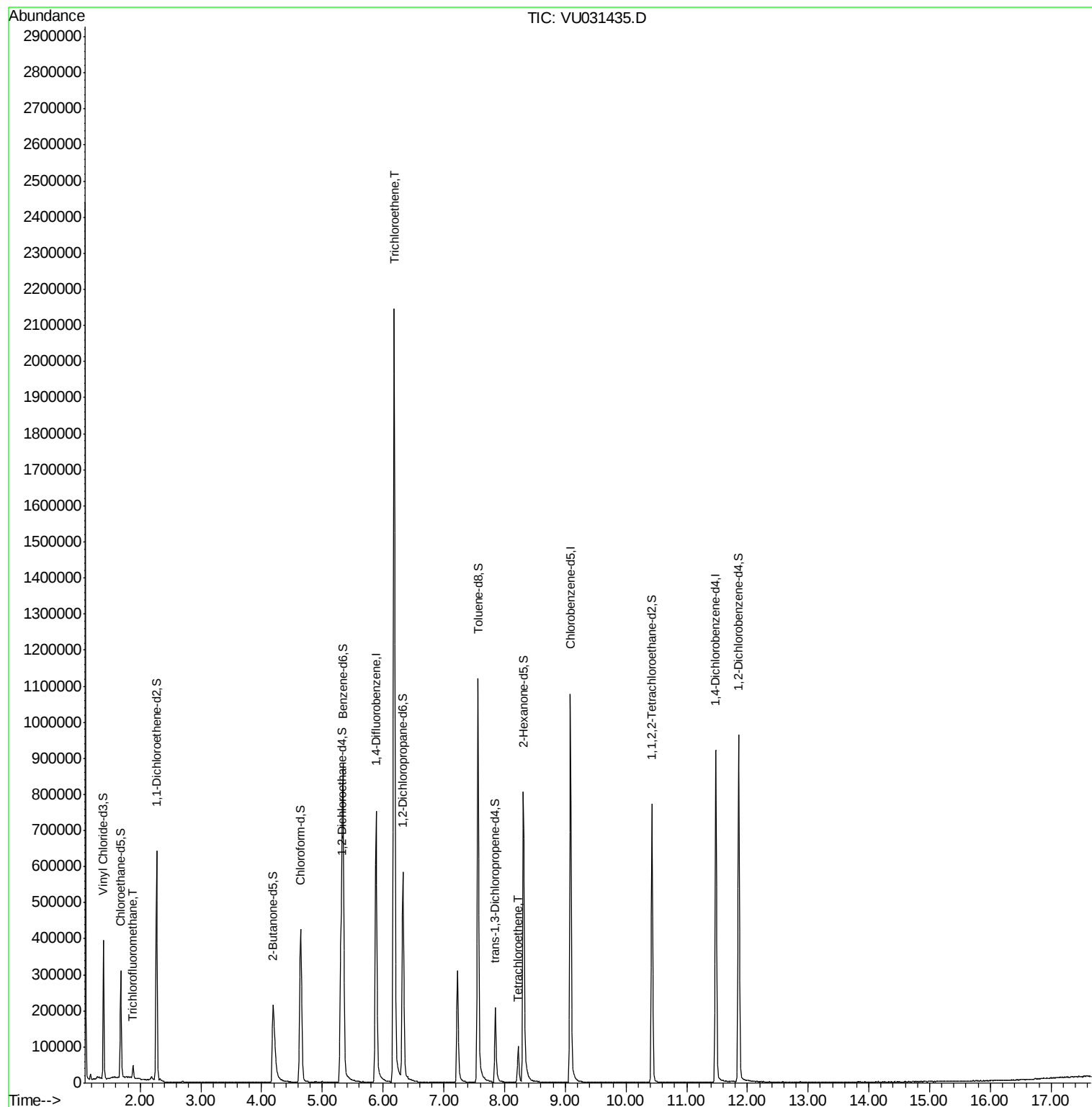
Target Compounds					Ovalue
9) Trichlorofluoromethane	1.88	101	16578	2.335 ug/L	99
34) Trichloroethene	6.18	95	804649	167.054 ug/L	98
46) Tetrachloroethene	8.23	164	23966	7.016 ug/L	96

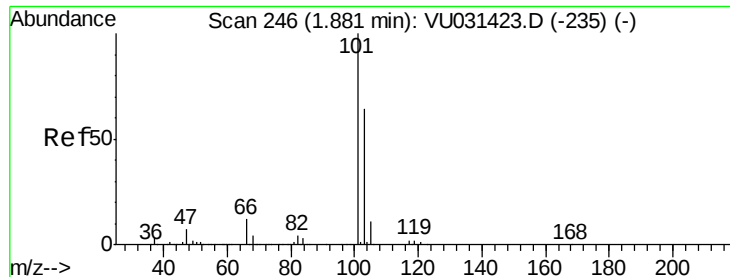
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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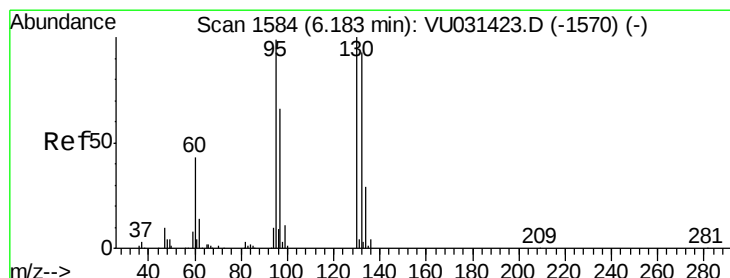
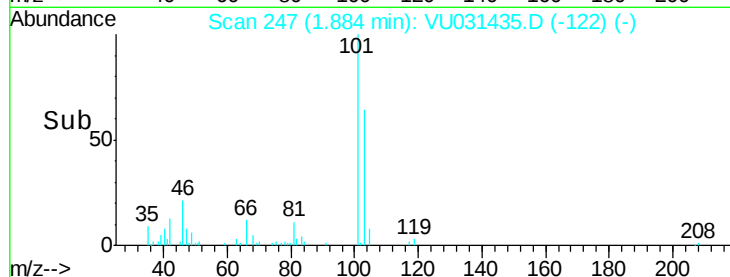
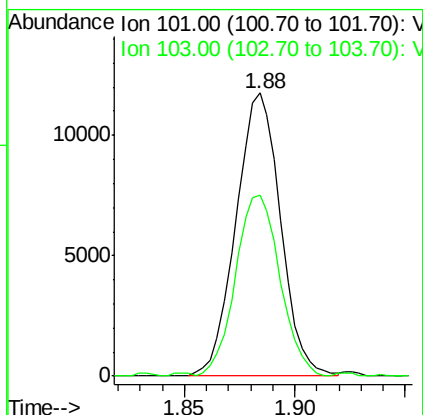
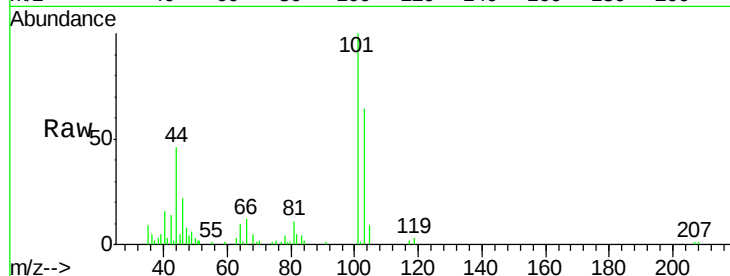


#9

Trichlorofluoromethane
 Concen: 2.335 ug/L
 RT: 1.88 min Scan# 247
 Delta R.T. 0.00 min
 Lab File: VU031435.D
 Acq: 23 Apr 2019 14:03

Instrument :
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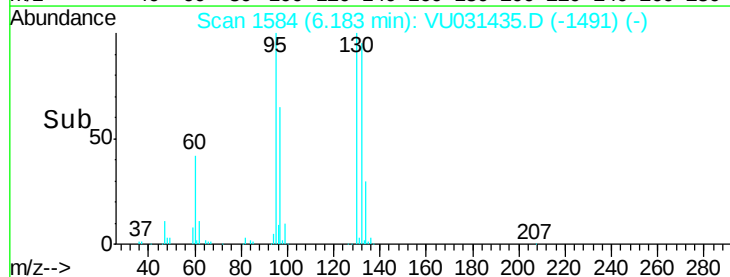
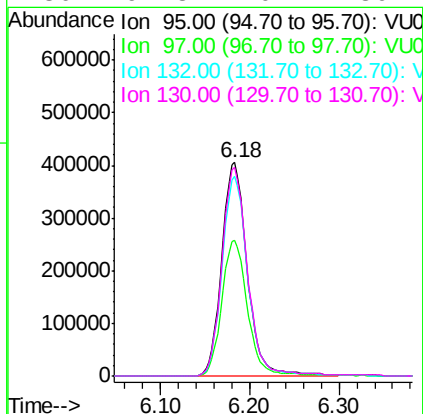
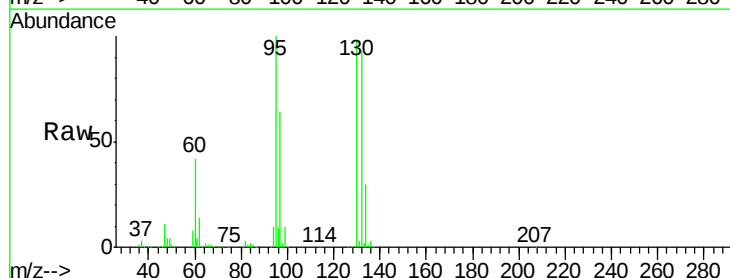
Tot Ion:101 Resp: 16578
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.4 77.2

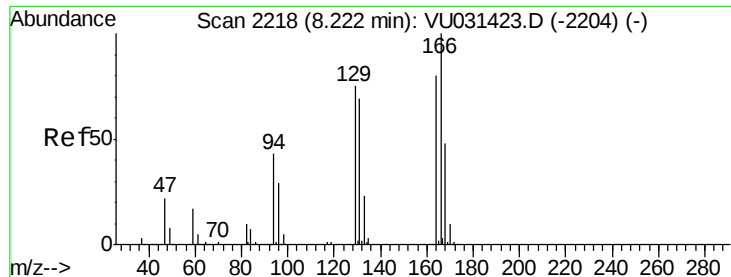


#34

Trichloroethene
 Concen: 167.054 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: VU031435.D
 Acq: 23 Apr 2019 14:03

Tgt Ion: 95 Resp: 804649
 Ion Ratio Lower Upper
 95 100
 97 63.7 44.9 83.5
 132 93.4 68.0 126.2
 130 97.8 70.1 130.1





#46

Tetrachloroethene

Concen: 7.016 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.01 min

Lab File: VU031435.D

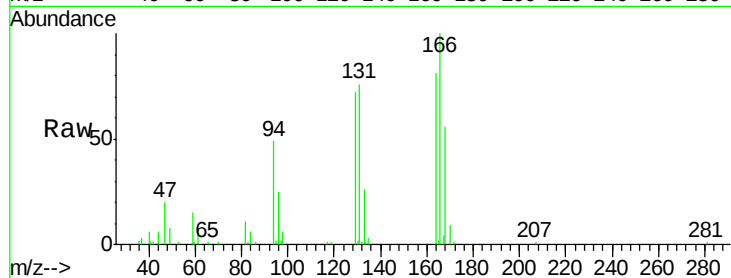
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Tot Ion:164 Resp: 23966

Ion Ratio Lower Upper

164 100

129 89.7 65.2 121.0

131 93.7 61.4 114.0

166 123.9 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

