

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042719\
 Data File : VU031556.D
 Acq On : 27 Apr 2019 01:26
 Operator : JC/SP
 Sample : K2592-09 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X02

Quant Time: Apr 27 04:19:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 27 03:26:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	864673	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	790084	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	316727	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	375752	51.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.84%
7) Chloroethane-d5	1.68	69	288210	51.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.08%
11) 1,1-Dichloroethene-d2	2.27	63	532541	36.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.90%
21) 2-Butanone-d5	4.18	46	684787	104.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.44%
24) Chloroform-d	4.64	84	612390	46.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.42%
26) 1,2-Dichloroethane-d4	5.31	65	409747	47.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.64%
32) Benzene-d6	5.34	84	1274158	52.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.04%
36) 1,2-Dichloropropane-d6	6.32	67	437980	51.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.62%
41) Toluene-d8	7.56	98	1064677	50.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.76%
43) trans-1,3-Dichloropropene-	7.85	79	171359	46.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.54%
47) 2-Hexanone-d5	8.31	63	420843	113.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.91%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	553960	48.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.72%
64) 1,2-Dichlorobenzene-d4	11.86	152	340006	51.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.10%

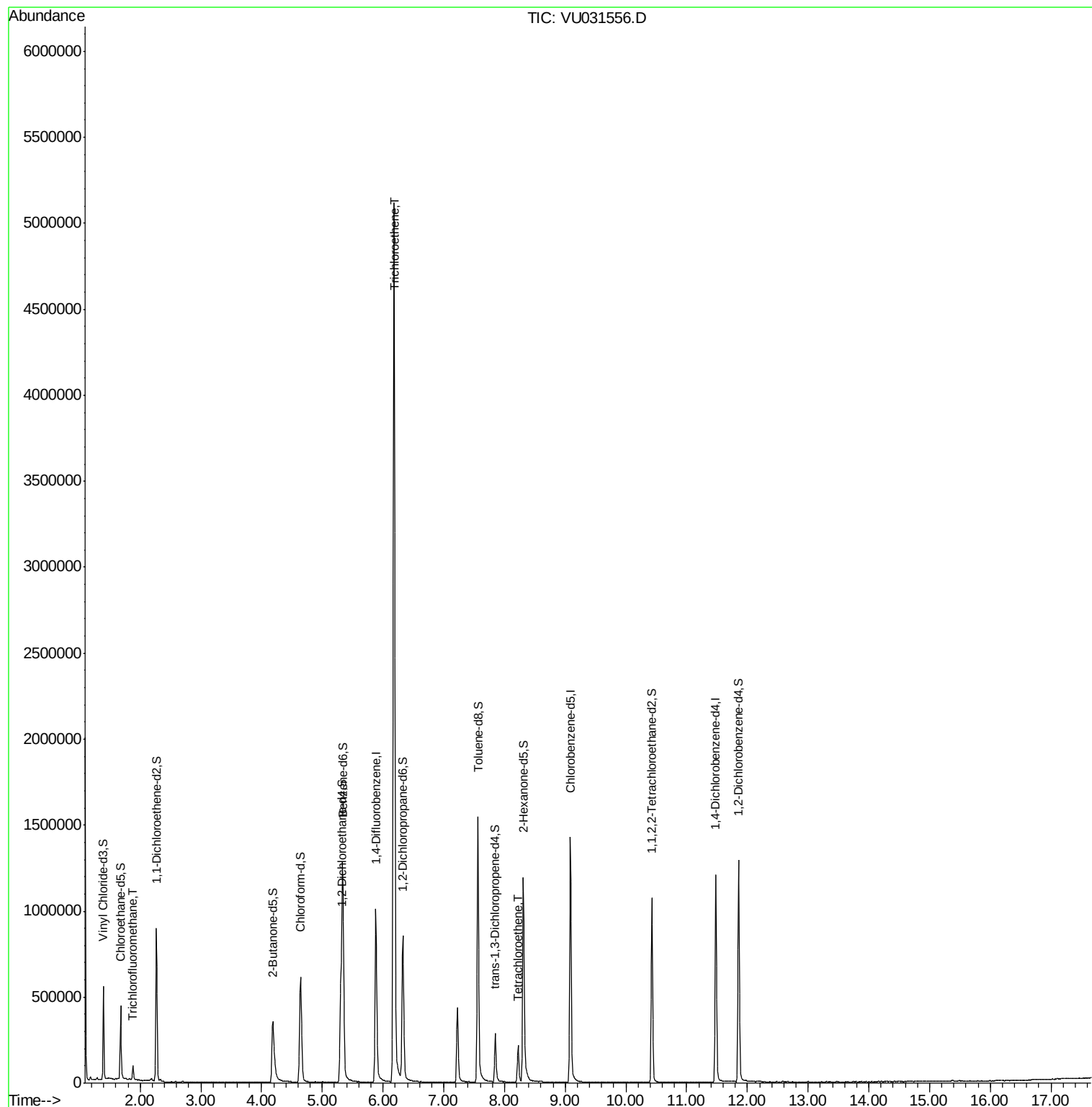
Target Compounds					Ovalue
9) Trichlorofluoromethane	1.88	101	43852	3.577 ug/L	95
34) Trichloroethene	6.18	95	1913852	271.801 ug/L	99
46) Tetrachloroethene	8.23	164	48880	10.183 ug/L	94

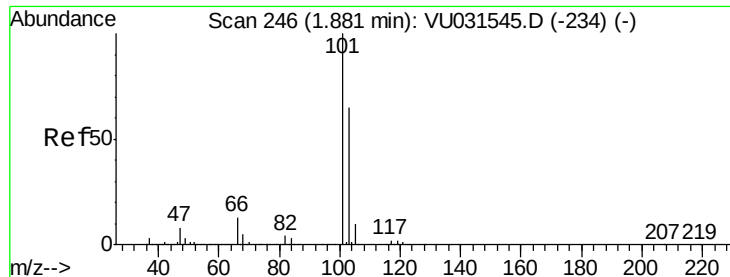
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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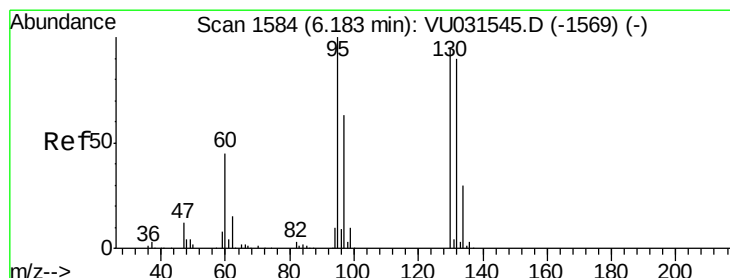
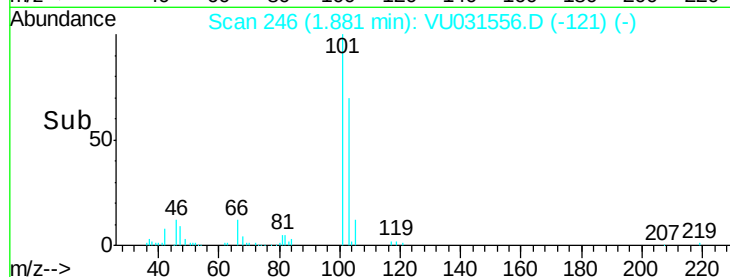
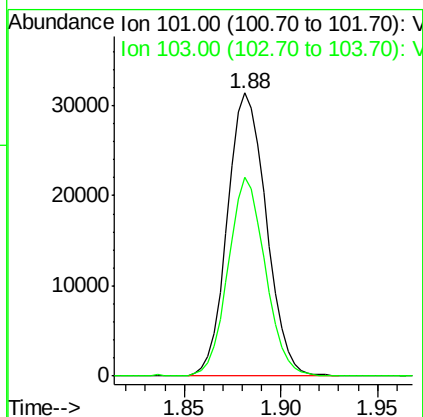
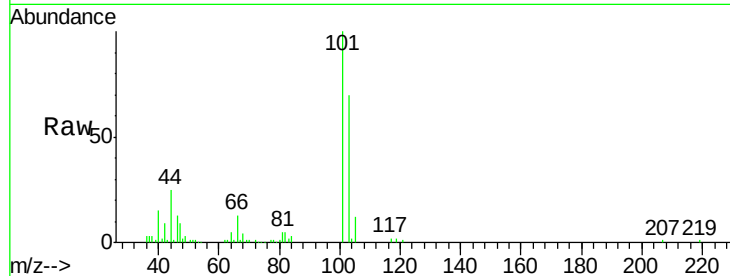


#9

Trichlorofluoromethane
Concen: 3.577 ug/L
RT: 1.88 min Scan# 246
Delta R.T. 0.00 min
Lab File: VU031556.D
Acq: 27 Apr 2019 01:26

Instrument :
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ClientSampleId :
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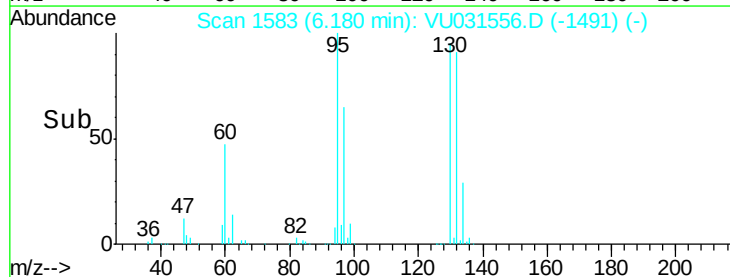
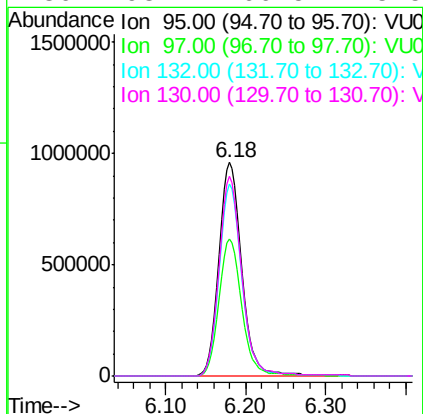
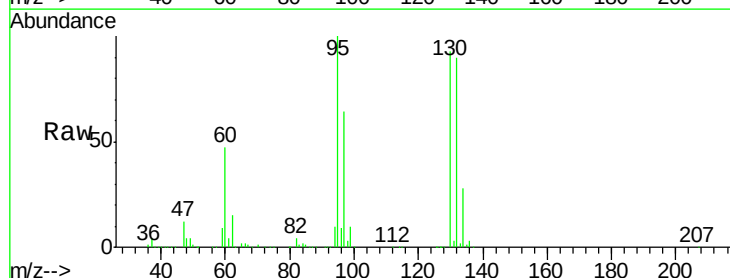
Tot Ion:101 Resp: 43852
Ion Ratio Lower Upper
101 100
103 67.1 50.8 76.2

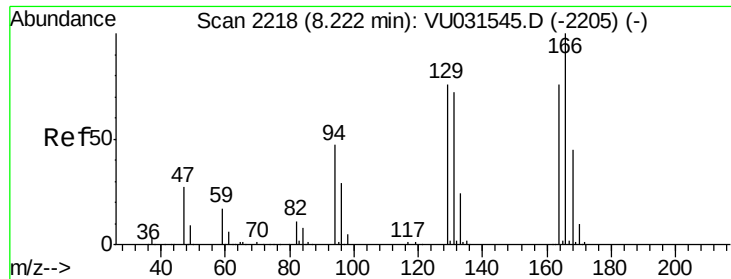


#34

Trichloroethene
Concen: 271.801 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU031556.D
Acq: 27 Apr 2019 01:26

Tgt Ion: 95 Resp: 1913852
Ion Ratio Lower Upper
95 100
97 64.3 44.8 83.2
132 89.7 63.1 117.1
130 93.4 66.5 123.5





#46

Tetrachloroethene

Concen: 10.183 ug/L

RT: 8.23 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031556.D

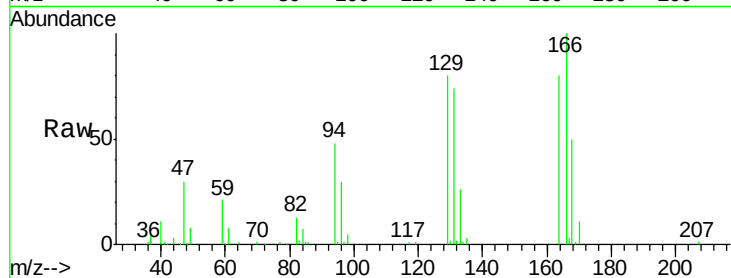
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Tot Ion:164 Resp: 48880

Ion Ratio Lower Upper

164 100

129 99.7 71.5 132.9

131 92.4 69.0 128.2

166 124.7 93.7 173.9

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

