

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043019\
 Data File : VU031628.D
 Acq On : 30 Apr 2019 12:59
 Operator : JC/SP
 Sample : K2592-05 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0WZ6

Quant Time: May 01 01:56:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 01 01:38:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	622107	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	606527	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	214190	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	311177	59.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	119.54%
7) Chloroethane-d5	1.68	69	228070	56.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	113.36%
11) 1,1-Dichloroethene-d2	2.27	63	442763	42.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.40%
21) 2-Butanone-d5	4.19	46	499410	105.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.87%
24) Chloroform-d	4.64	84	493396	51.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.48%
26) 1,2-Dichloroethane-d4	5.31	65	339016	54.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.84%
32) Benzene-d6	5.34	84	977803	52.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.00%
36) 1,2-Dichloropropane-d6	6.32	67	351380	53.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.24%
41) Toluene-d8	7.56	98	776491	47.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.74%
43) trans-1,3-Dichloropropene-	7.85	79	133505	47.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.92%
47) 2-Hexanone-d5	8.31	63	264592	93.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.29%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	426832	48.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.08%
64) 1,2-Dichlorobenzene-d4	11.86	152	225935	50.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.32%

Target Compounds

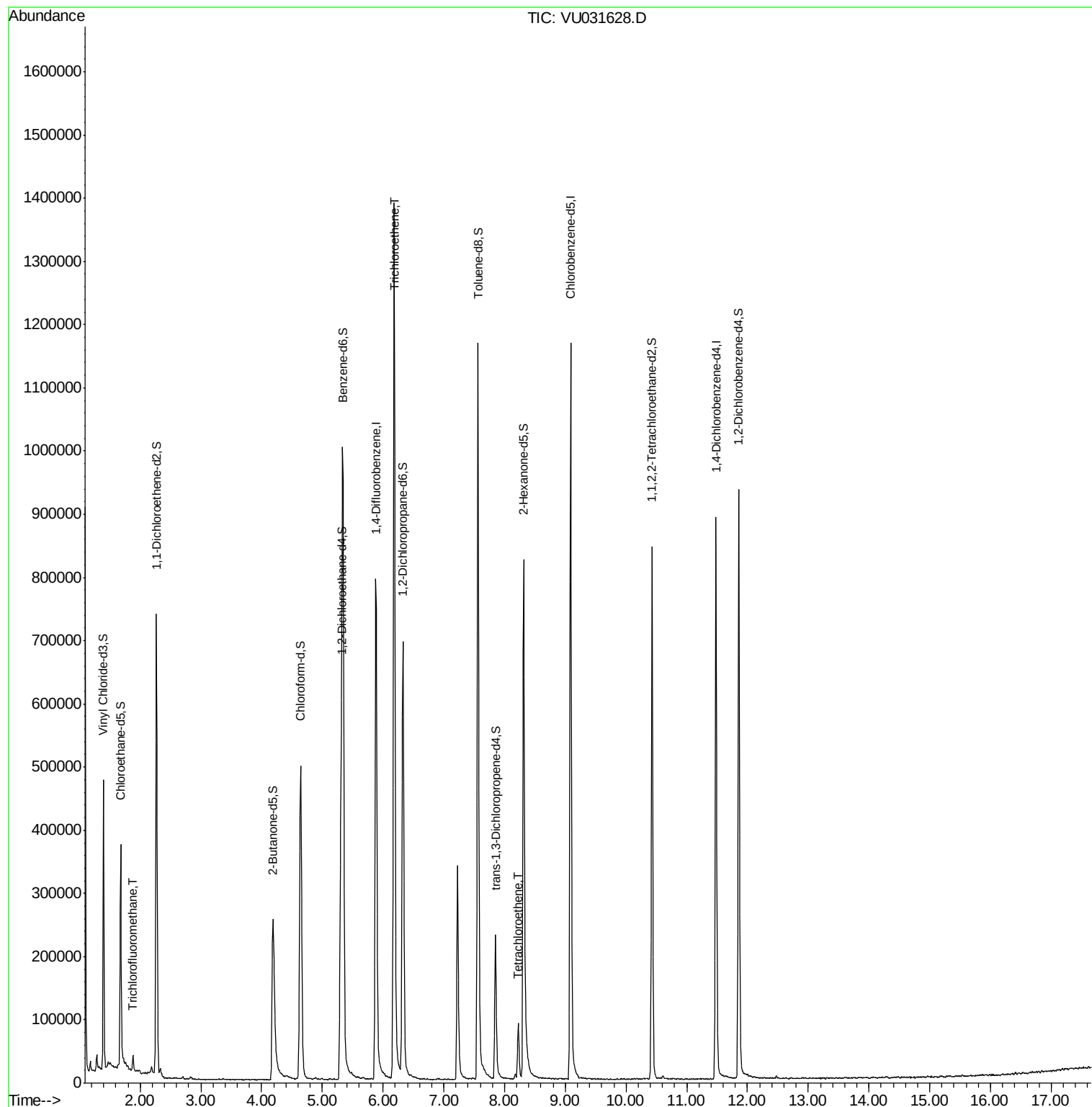
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.88	101	9189	1.042	ug/L	94
34) Trichloroethene	6.18	95	515492	95.365	ug/L	93
46) Tetrachloroethene	8.23	164	19689	5.343	ug/L	94

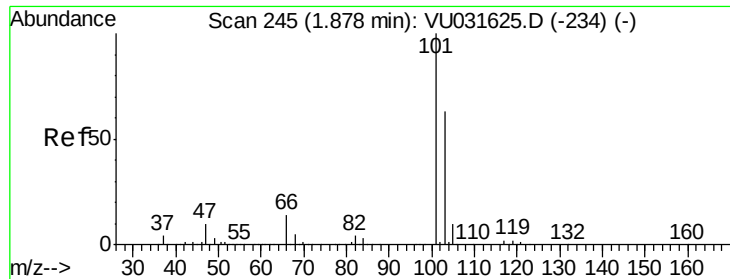
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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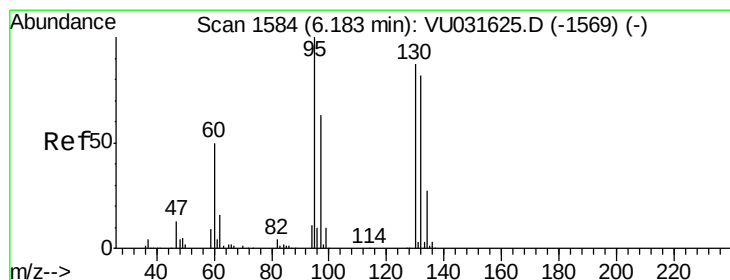
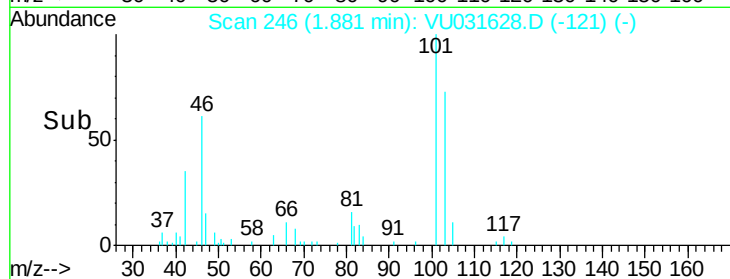
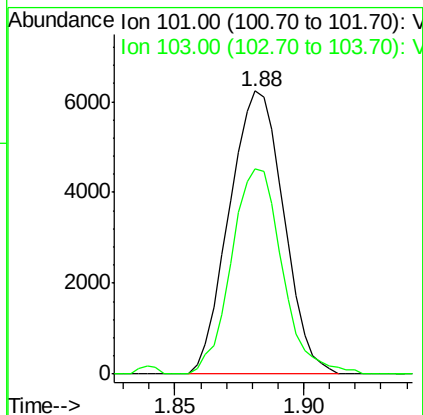
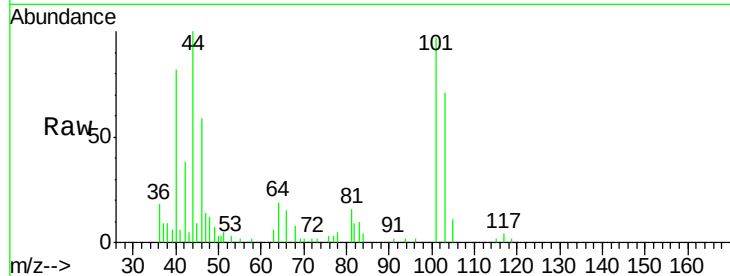


#9

Trichlorofluoromethane
Concen: 1.042 ug/L
RT: 1.88 min Scan# 246
Delta R.T. 0.00 min
Lab File: VU031628.D
Acq: 30 Apr 2019 12:59

Instrument :
MSVOA_U
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COWZ6

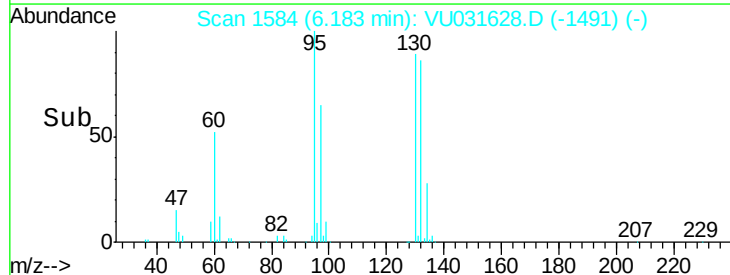
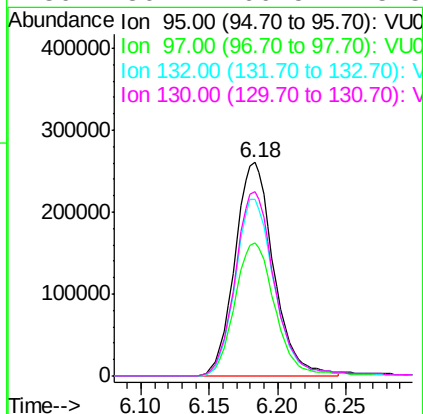
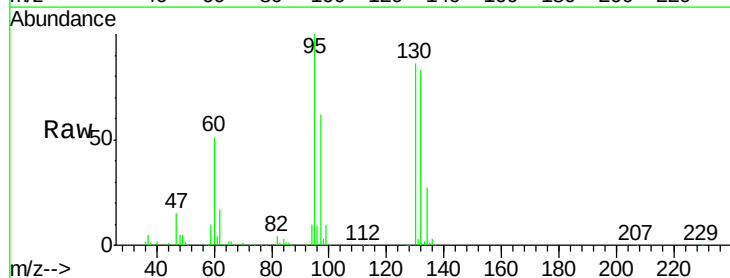
Tot Ion:101 Resp: 9189
Ion Ratio Lower Upper
101 100
103 68.1 50.8 76.2

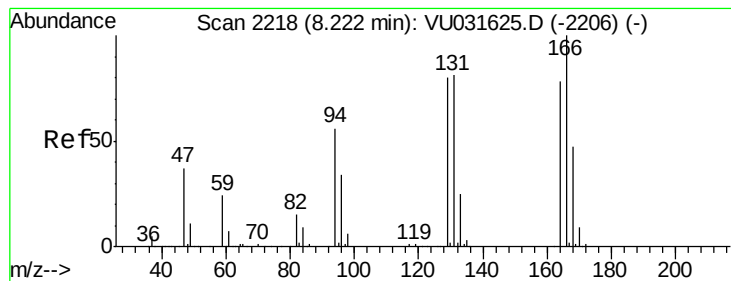


#34

Trichloroethene
Concen: 95.365 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU031628.D
Acq: 30 Apr 2019 12:59

Tgt Ion: 95 Resp: 515492
Ion Ratio Lower Upper
95 100
97 62.5 44.8 83.2
132 82.9 63.1 117.1
130 86.2 66.5 123.5





#46

Tetrachloroethene

Concen: 5.343 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.01 min

Lab File: VU031628.D

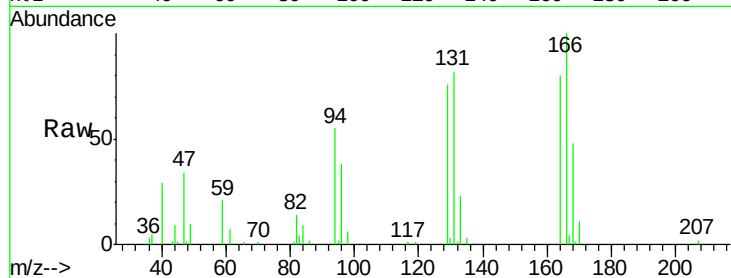
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Tot Ion:164 Resp: 19689

Ion Ratio Lower Upper

164 100

129 94.9 71.5 132.9

131 102.7 69.0 128.2

166 124.8 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

