

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050119\
 Data File : VU031681.D
 Acq On : 01 May 2019 13:56
 Operator : JC/SP
 Sample : K2593-15DL 4000X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XB5DL

Quant Time: May 02 04:48:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 02 02:23:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	933150	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	911956	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	416250	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	258715	33.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.26%
7) Chloroethane-d5	1.68	69	232890	38.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.18%
11) 1,1-Dichloroethene-d2	2.27	63	418299	26.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.80%#
21) 2-Butanone-d5	4.18	46	707700	100.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.01%
24) Chloroform-d	4.64	84	550155	38.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.92%
26) 1,2-Dichloroethane-d4	5.31	65	377697	40.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.84%
32) Benzene-d6	5.34	84	1152800	41.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.34%
36) 1,2-Dichloropropane-d6	6.32	67	408548	41.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.94%
41) Toluene-d8	7.56	98	1008971	41.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.74%
43) trans-1,3-Dichloropropene-	7.85	79	174016	41.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.30%
47) 2-Hexanone-d5	8.31	63	456602	107.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.07%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	575107	43.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	371155	42.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.80%

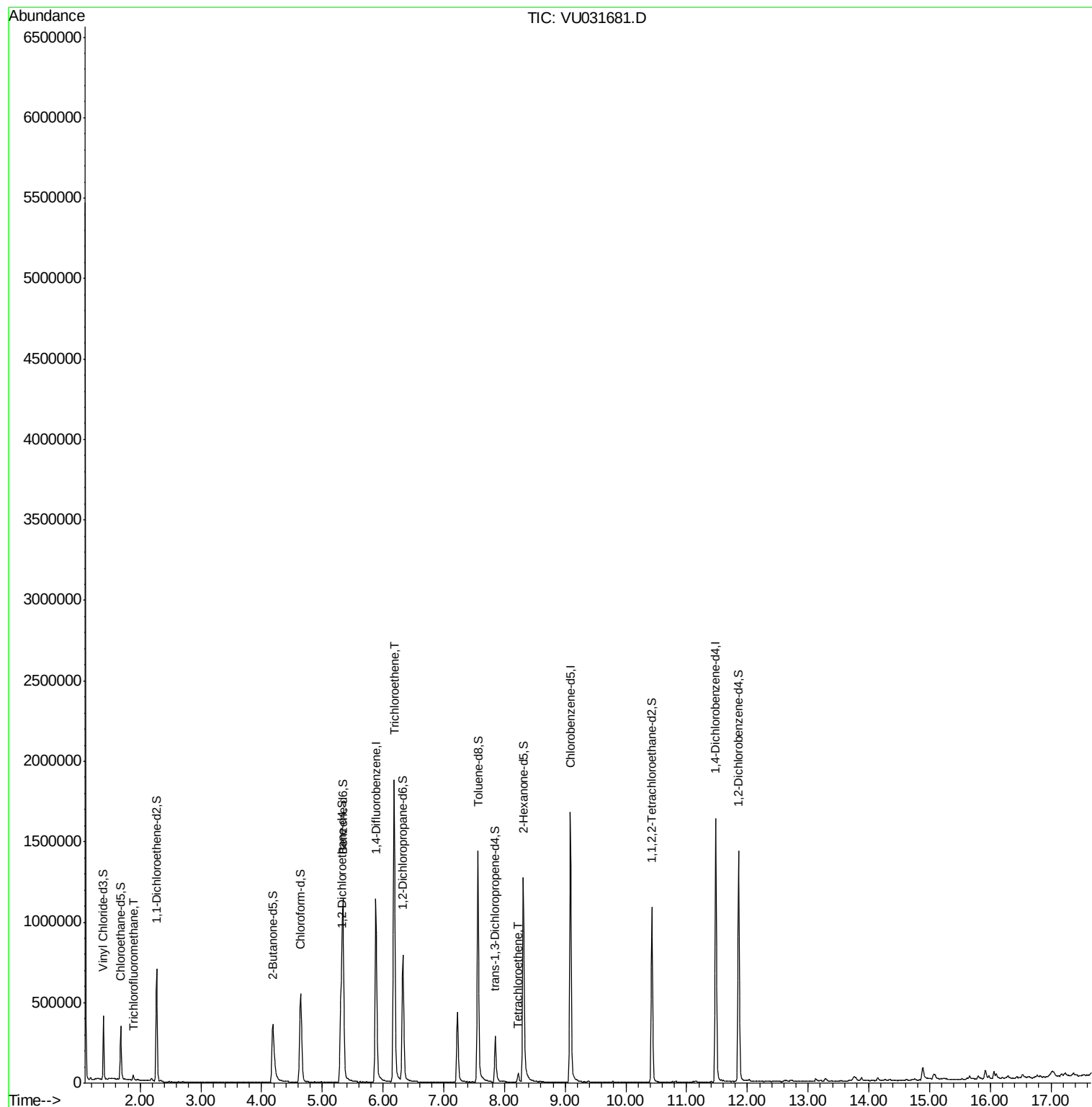
Target Compounds					Ovalue
9) Trichlorofluoromethane	1.89	101	11527	0.871 ug/L	95
34) Trichloroethene	6.18	95	718054	88.348 ug/L	97
46) Tetrachloroethene	8.23	164	12538	2.263 ug/L	89

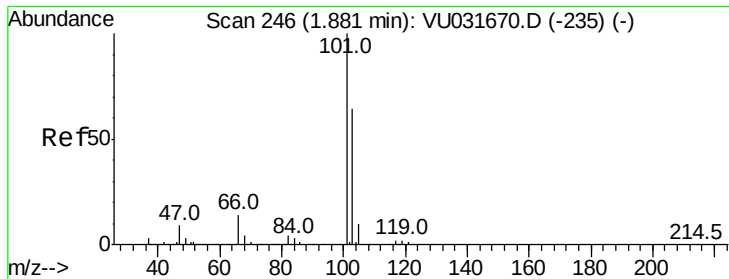
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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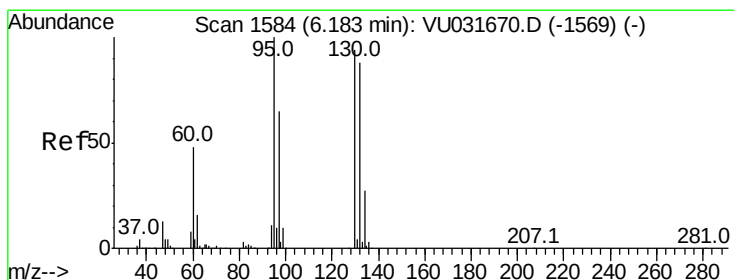
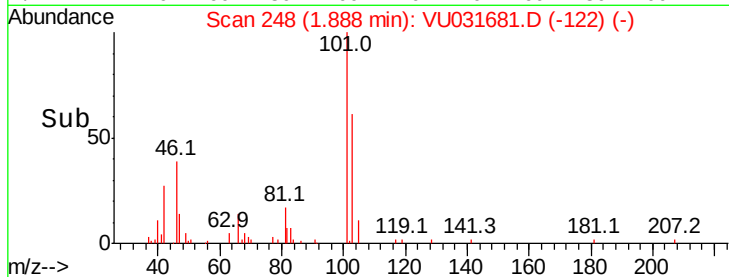
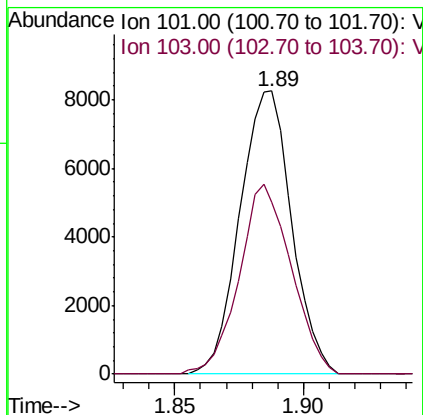
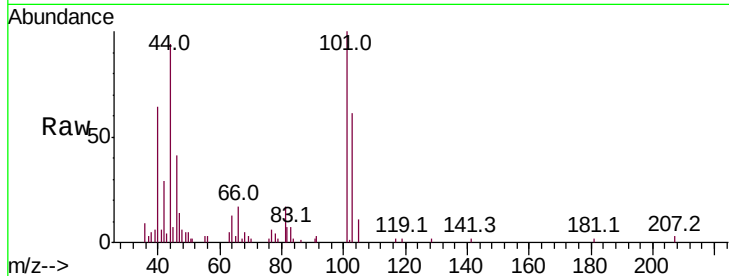


#9

Trichlorofluoromethane
 Concen: 0.871 ug/L
 RT: 1.89 min Scan# 248
 Delta R.T. 0.01 min
 Lab File: VU031681.D
 Acq: 01 May 2019 13:56

Instrument :
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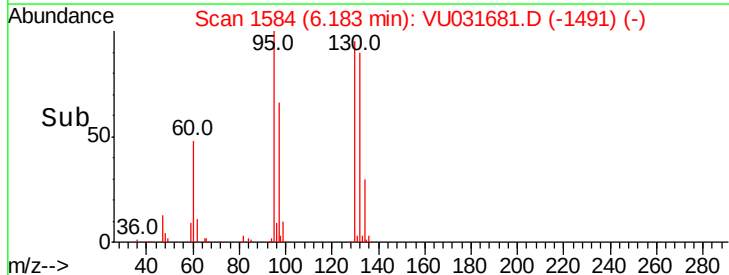
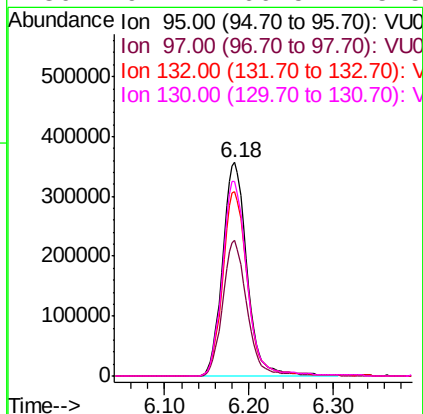
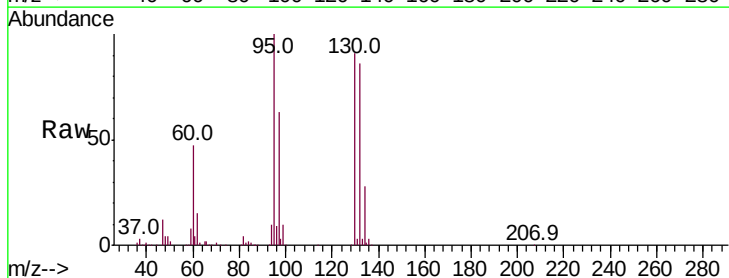
Tot Ion:101 Resp: 11527
 Ion Ratio Lower Upper
 101 100
 103 67.7 50.8 76.2

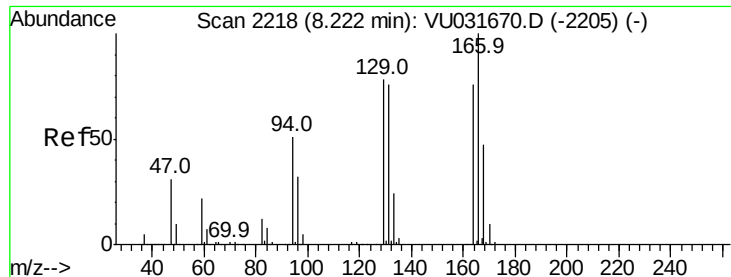


#34

Trichloroethene
 Concen: 88.348 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031681.D
 Acq: 01 May 2019 13:56

Tgt Ion: 95 Resp: 718054
 Ion Ratio Lower Upper
 95 100
 97 63.3 44.8 83.2
 132 86.3 63.1 117.1
 130 91.4 66.5 123.5





#46

Tetrachloroethene

Concen: 2.263 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.01 min

Lab File: VU031681.D

Acq: 01 May 2019 13:56

Instrument :

MSVOA_U

ClientSampleId :

C0XB5DL

Tot Ion:164 Resp: 12538

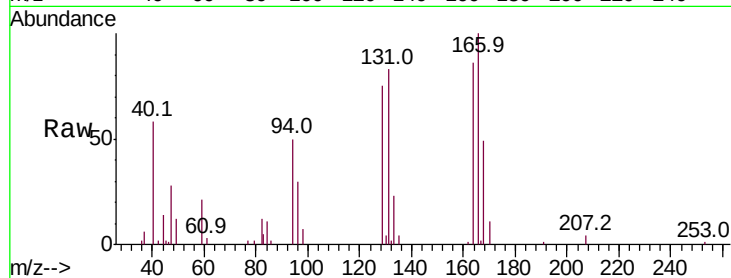
Ion Ratio Lower Upper

164 100

129 86.8 71.5 132.9

131 96.7 69.0 128.2

166 116.0 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

