

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043019\
 Data File : VU031638.D
 Acq On : 30 Apr 2019 16:52
 Operator : JC/SP
 Sample : K2593-06DL 2500X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XD8DL

Quant Time: May 01 02:46:56 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	690356	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	669359	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	231591	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	311155	53.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.70%
7) Chloroethane-d5	1.68	69	231872	51.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.86%
11) 1,1-Dichloroethene-d2	2.27	63	452384	39.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.64%
21) 2-Butanone-d5	4.19	46	509094	97.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.25%
24) Chloroform-d	4.64	84	516422	48.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.31	65	358197	51.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.62%
32) Benzene-d6	5.34	84	988704	48.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.33	67	361067	49.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.86%
41) Toluene-d8	7.56	98	787952	44.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.02%
43) trans-1,3-Dichloropropene-	7.85	79	135615	43.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.38%
47) 2-Hexanone-d5	8.31	63	277935	88.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.80%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	436590	44.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.98%
64) 1,2-Dichlorobenzene-d4	11.86	152	234739	48.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.40%

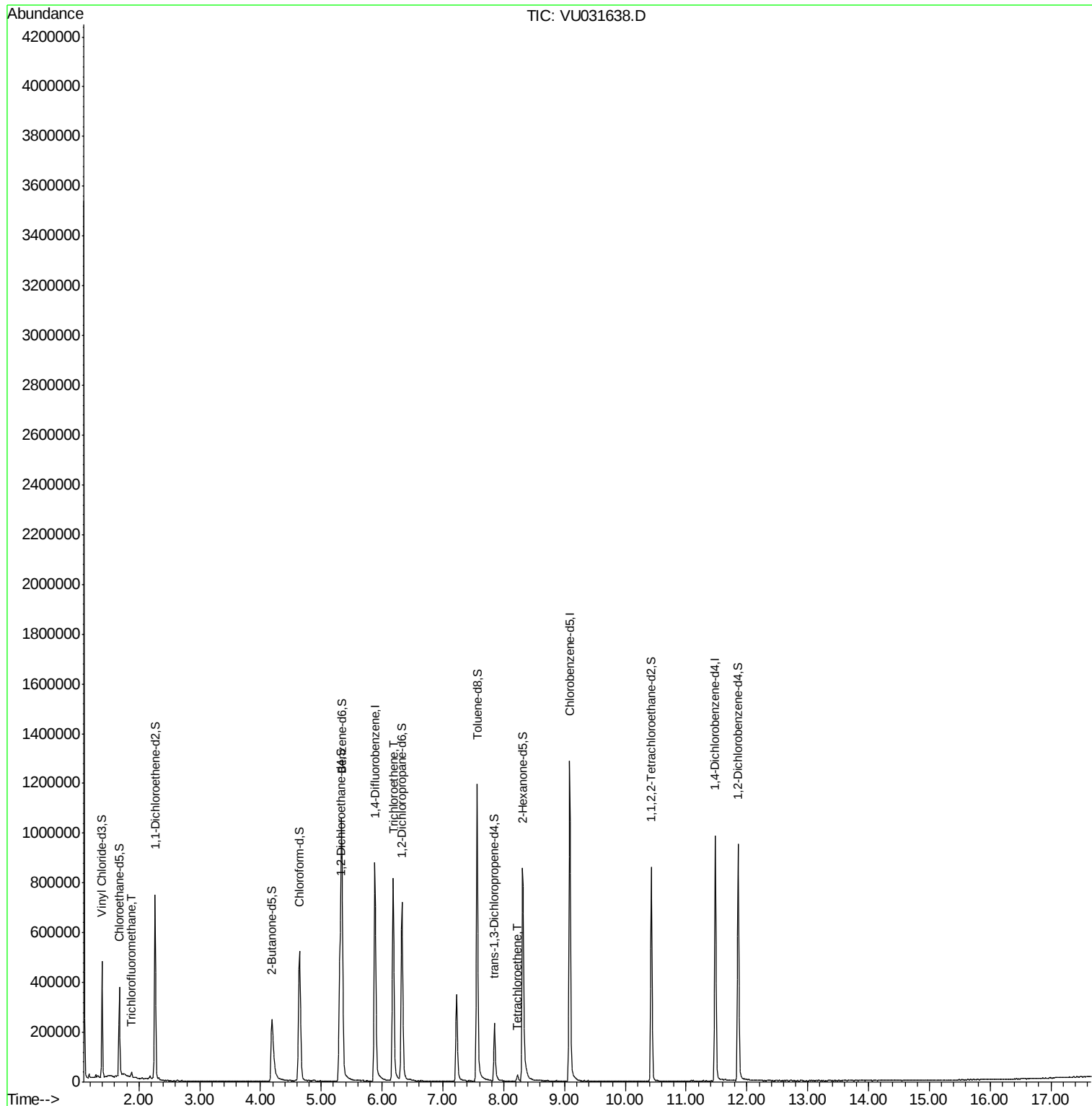
Target Compounds					Ovalue
9) Trichlorofluoromethane	1.88	101	6156	0.629 ug/L	88
34) Trichloroethene	6.18	95	299704	50.240 ug/L	95
46) Tetrachloroethene	8.23	164	5412	1.331 ug/L	94

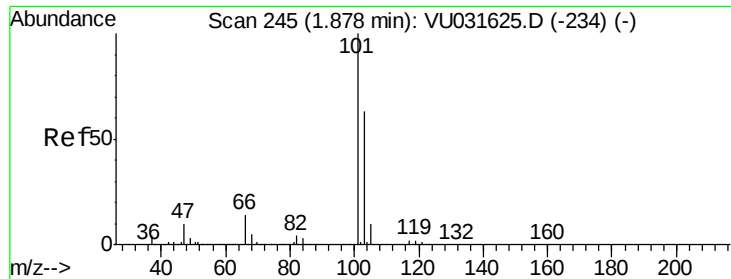
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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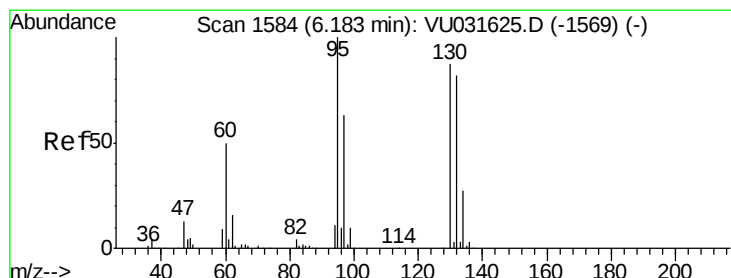
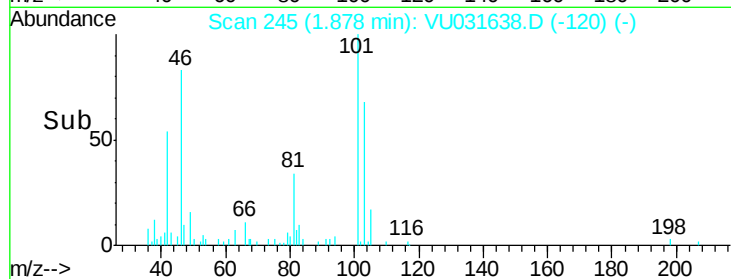
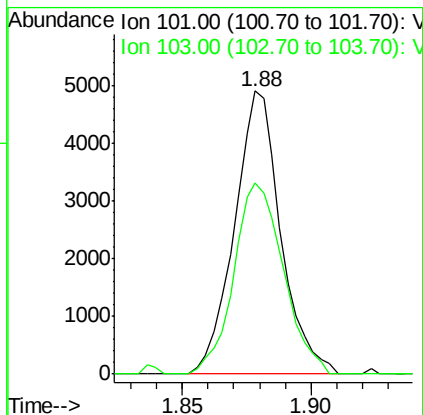
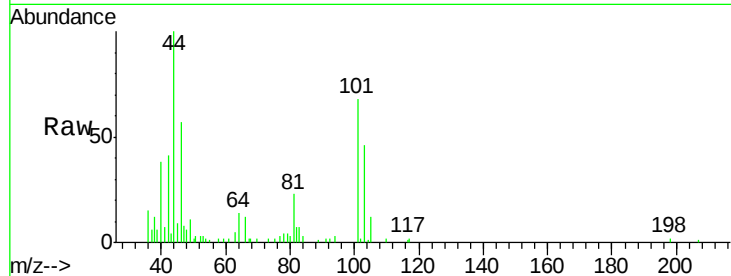


#9

Trichlorofluoromethane
 Concen: 0.629 ug/L
 RT: 1.88 min Scan# 245
 Delta R.T. 0.00 min
 Lab File: VU031638.D
 Acq: 30 Apr 2019 16:52

Instrument :
 MSVOA_U
 ClientSampled :
 C0XD8DL

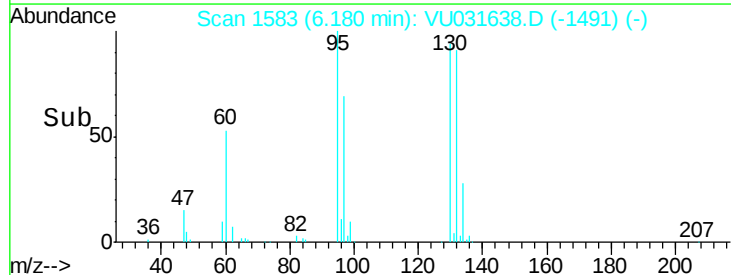
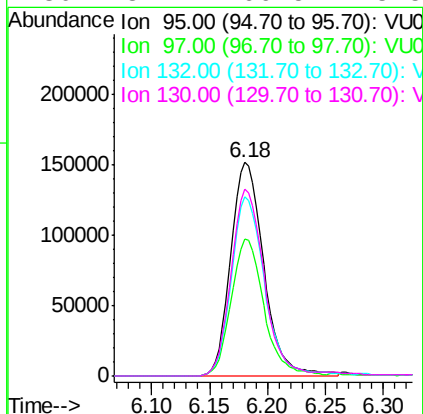
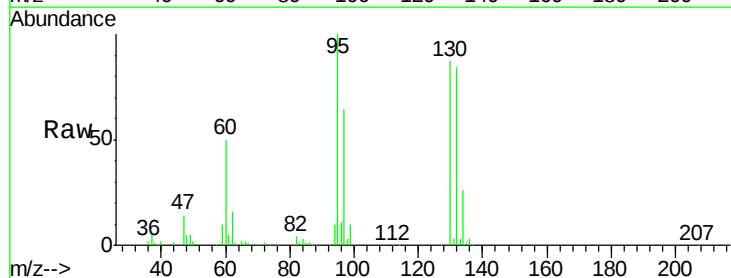
Tot Ion:101 Resp: 6156
 Ion Ratio Lower Upper
 101 100
 103 72.5 50.8 76.2

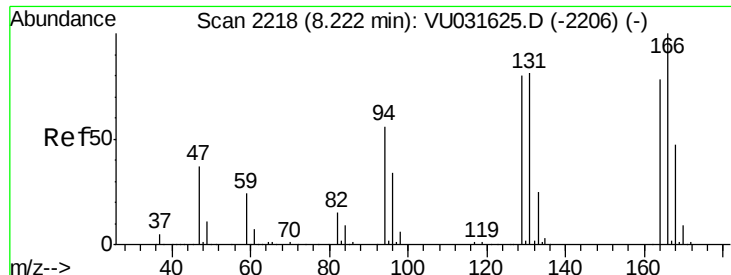


#34

Trichloroethene
 Concen: 50.240 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VU031638.D
 Acq: 30 Apr 2019 16:52

Tgt Ion: 95 Resp: 299704
 Ion Ratio Lower Upper
 95 100
 97 64.1 44.8 83.2
 132 83.8 63.1 117.1
 130 87.4 66.5 123.5





#46

Tetrachloroethene

Concen: 1.331 ug/L

RT: 8.23 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031638.D

Acq: 30 Apr 2019 16:52

Instrument :

MSVOA_U

ClientSampleId :

C0XD8DL

Tot Ion:164 Resp: 5412

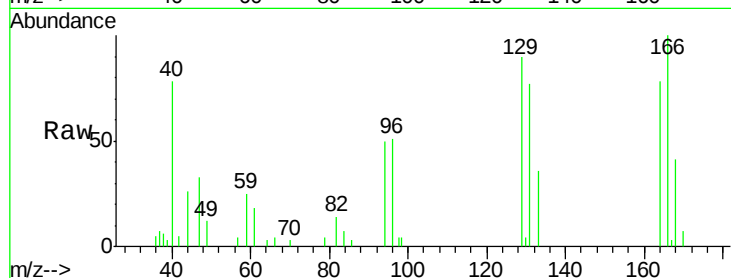
Ion Ratio Lower Upper

164 100

129 115.1 71.5 132.9

131 98.5 69.0 128.2

166 127.7 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

