

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043019\
 Data File : VU031634.D
 Acq On : 30 Apr 2019 15:19
 Operator : JC/SP
 Sample : K2593-04 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XB8

Quant Time: May 01 02:25:22 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	613229	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	604137	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	212503	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	305134	59.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	118.90%
7) Chloroethane-d5	1.68	69	230583	58.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	116.28%
11) 1,1-Dichloroethene-d2	2.27	63	451129	44.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.28%
21) 2-Butanone-d5	4.19	46	486309	104.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.58%
24) Chloroform-d	4.64	84	499613	53.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.30%
26) 1,2-Dichloroethane-d4	5.31	65	342605	55.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.58%
32) Benzene-d6	5.34	84	979745	52.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.62%
36) 1,2-Dichloropropane-d6	6.33	67	349296	53.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.04%
41) Toluene-d8	7.56	98	796668	49.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.60%
43) trans-1,3-Dichloropropene-	7.85	79	137591	49.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.22%
47) 2-Hexanone-d5	8.31	63	270591	95.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.78%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	430657	49.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.34%
64) 1,2-Dichlorobenzene-d4	11.86	152	223324	49.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.94%

Target Compounds

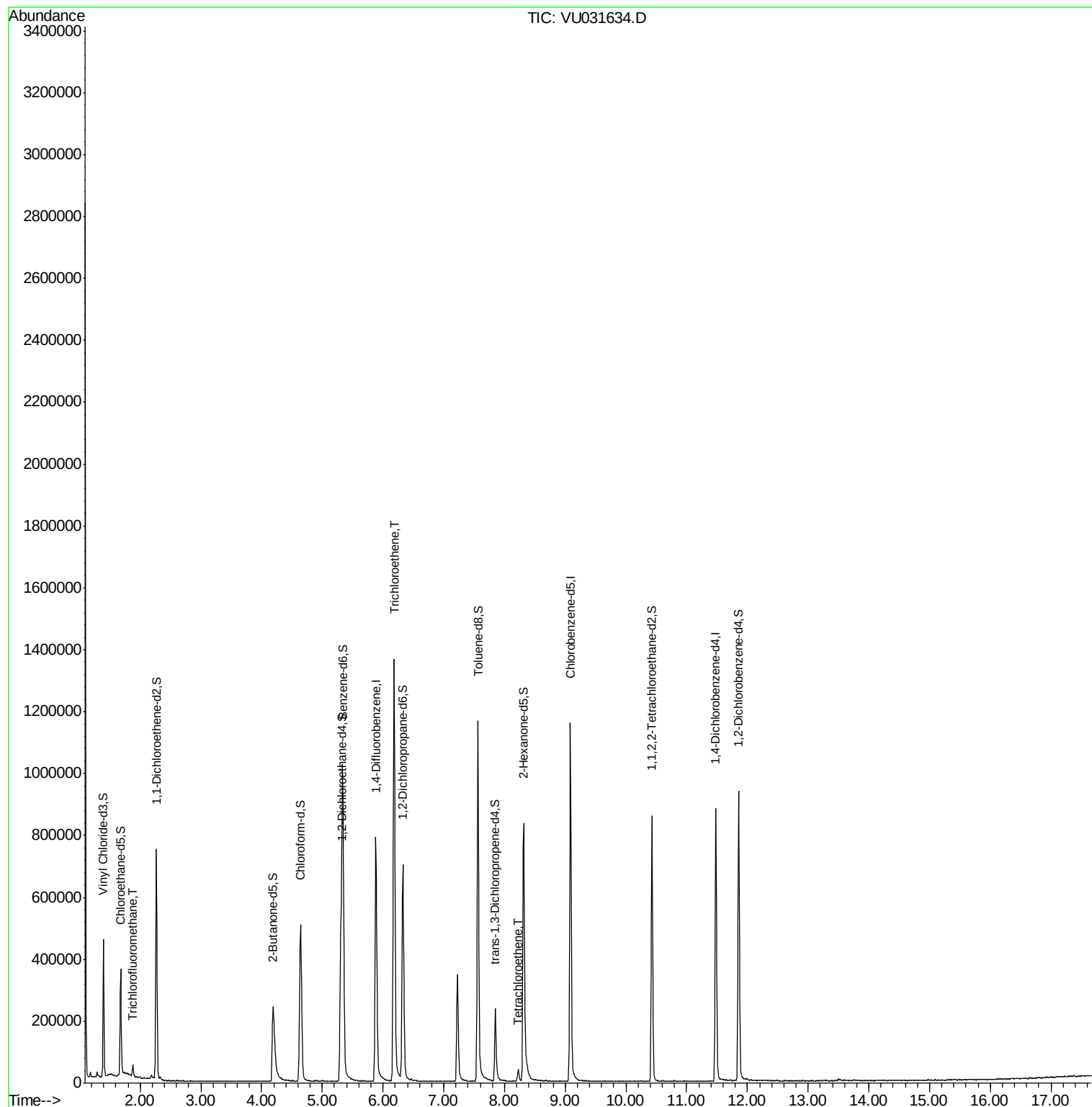
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.88	101	16259	1.870	ug/L	100
34) Trichloroethene	6.18	95	517313	96.080	ug/L	93
46) Tetrachloroethene	8.22	164	8648	2.356	ug/L	86

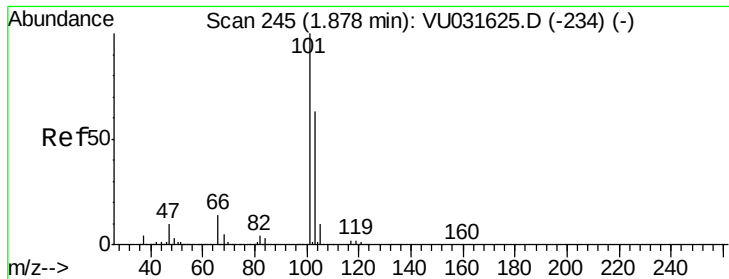
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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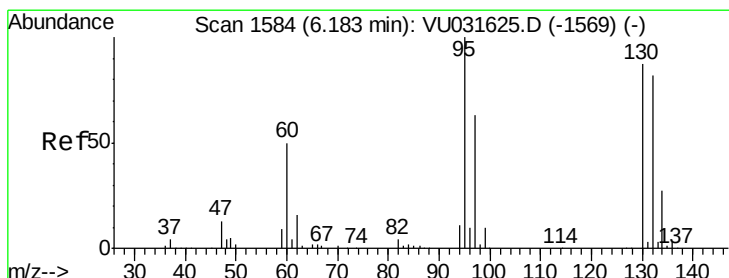
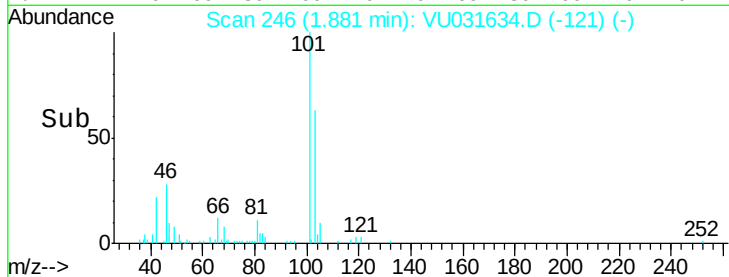
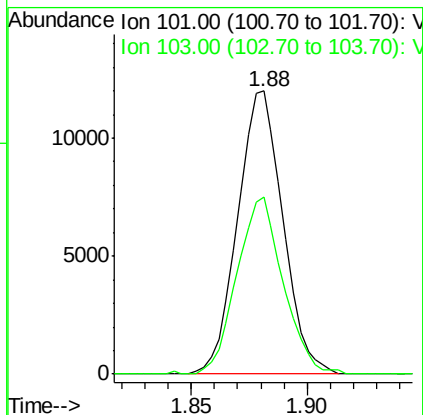
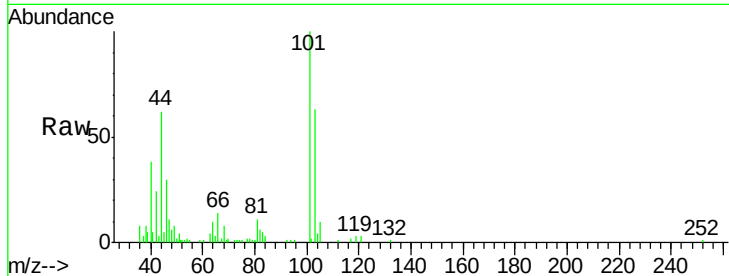


#9

Trichlorofluoromethane
Concen: 1.870 ug/L
RT: 1.88 min Scan# 246
Delta R.T. 0.00 min
Lab File: VU031634.D
Acq: 30 Apr 2019 15:19

Instrument :
MSVOA_U
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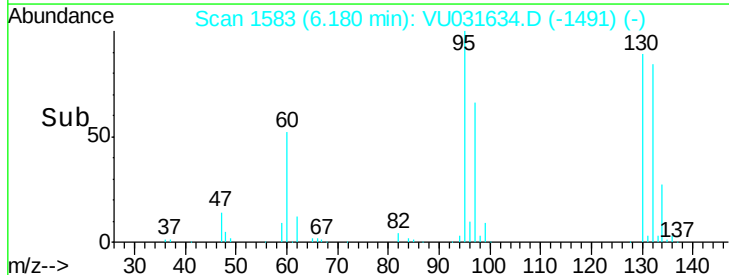
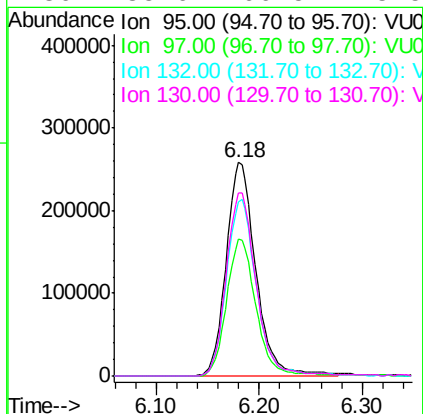
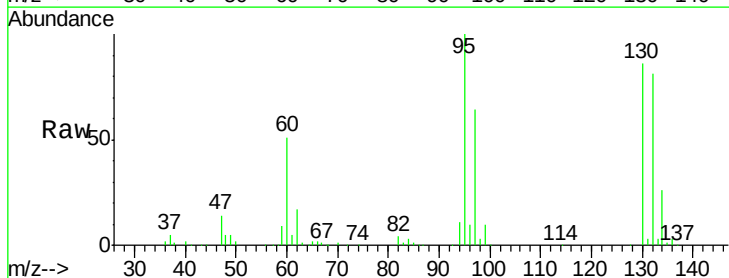
Tot Ion:101 Resp: 16259
Ion Ratio Lower Upper
101 100
103 63.6 50.8 76.2

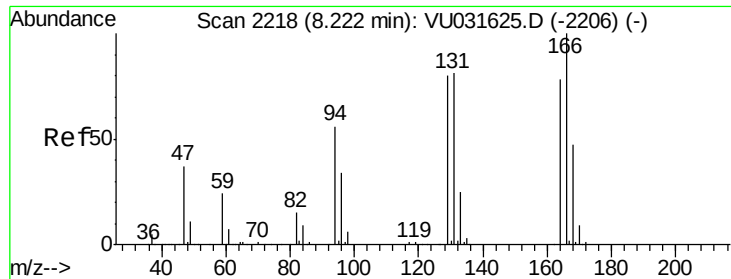


#34

Trichloroethene
Concen: 96.080 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU031634.D
Acq: 30 Apr 2019 15:19

Tgt Ion: 95 Resp: 517313
Ion Ratio Lower Upper
95 100
97 63.9 44.8 83.2
132 81.5 63.1 117.1
130 85.6 66.5 123.5





#46

Tetrachloroethene

Concen: 2.356 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031634.D

Acq: 30 Apr 2019 15:19

Instrument :
MSVOA_U
ClientSampleId :
C0XB8

Tot Ion:164 Resp: 8648

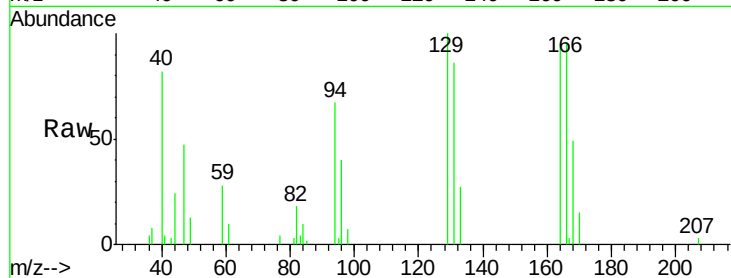
Ion Ratio Lower Upper

164 100

129 105.1 71.5 132.9

131 89.9 69.0 128.2

166 101.3 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

