

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043019\
 Data File : VU031636.D
 Acq On : 30 Apr 2019 16:05
 Operator : JC/SP
 Sample : K2593-03DL 250X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XB7DL

Quant Time: May 01 02:36:07 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	619018	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	595053	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	203330	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	312899	60.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	120.80%
7) Chloroethane-d5	1.68	69	222233	55.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.02%
11) 1,1-Dichloroethene-d2	2.27	63	454360	44.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.08%
21) 2-Butanone-d5	4.18	46	472915	100.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.75%
24) Chloroform-d	4.64	84	504796	53.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.40%
26) 1,2-Dichloroethane-d4	5.31	65	356777	57.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.12%
32) Benzene-d6	5.34	84	986890	54.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.02%
36) 1,2-Dichloropropane-d6	6.32	67	355152	55.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.50%
41) Toluene-d8	7.56	98	785876	49.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.76%
43) trans-1,3-Dichloropropene-	7.85	79	133866	48.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.02%
47) 2-Hexanone-d5	8.31	63	275104	98.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.87%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	430631	49.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.82%
64) 1,2-Dichlorobenzene-d4	11.85	152	230306	53.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.72%

Target Compounds

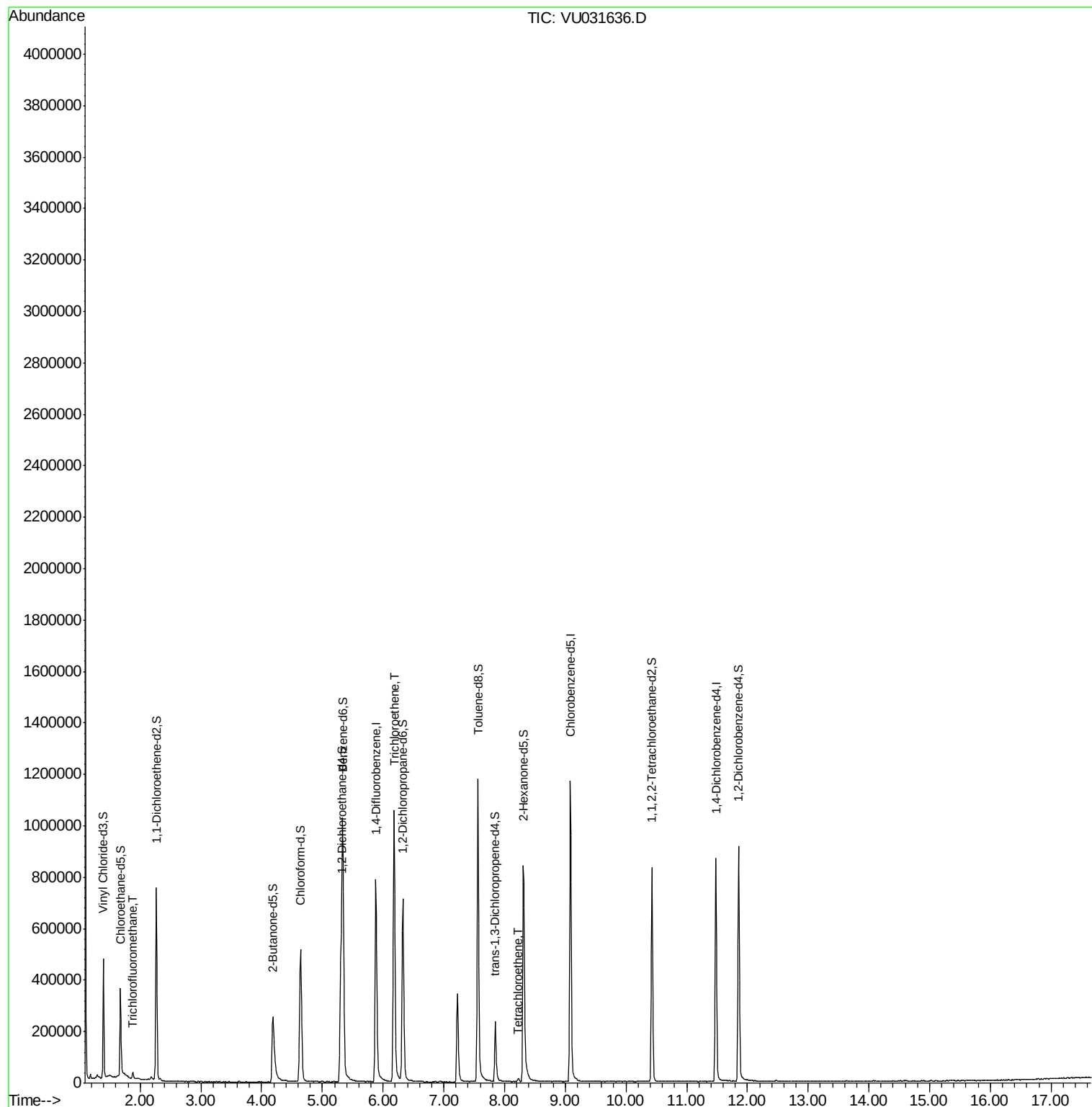
					Ovalue
9) Trichlorofluoromethane	1.88	101	9681	1.103 ug/L	97
34) Trichloroethene	6.18	95	396461	74.758 ug/L	92
46) Tetrachloroethene	8.23	164	2837	0.785 ug/L #	87

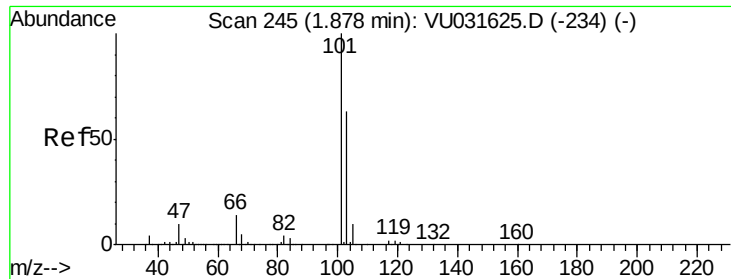
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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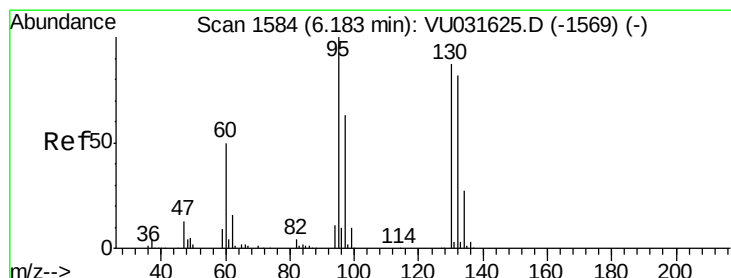
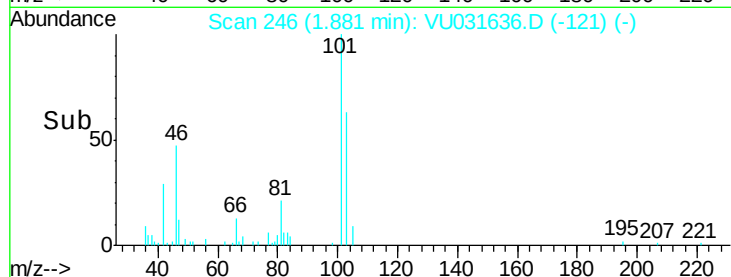
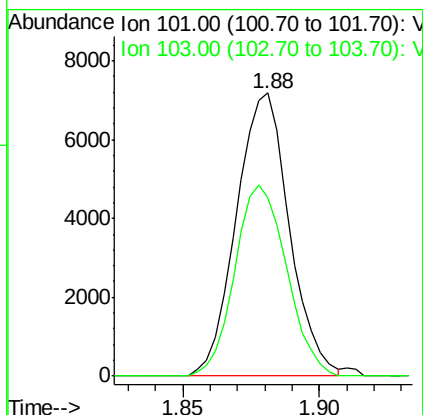
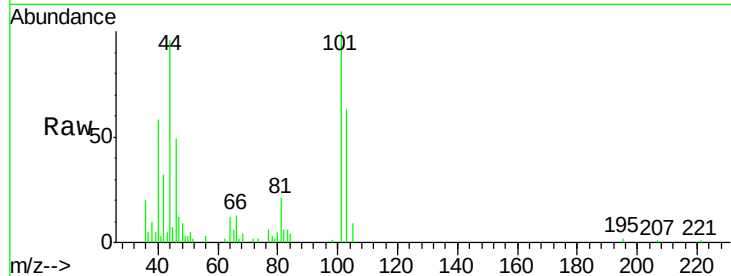


#9

Trichlorofluoromethane
Concen: 1.103 ug/L
RT: 1.88 min Scan# 246
Delta R.T. 0.00 min
Lab File: VU031636.D
Acq: 30 Apr 2019 16:05

Instrument :
MSVOA_U
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C0XB7DL

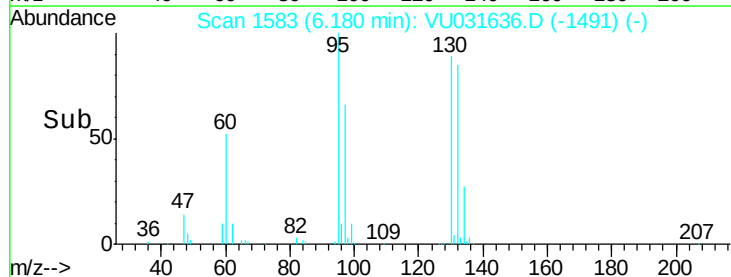
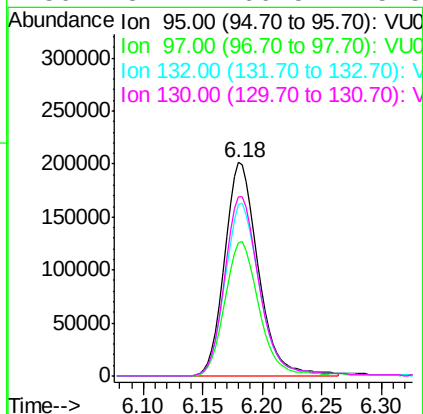
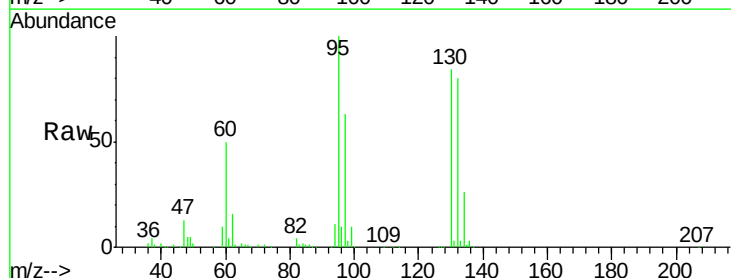
Tot Ion:101 Resp: 9681
Ion Ratio Lower Upper
101 100
103 66.0 50.8 76.2

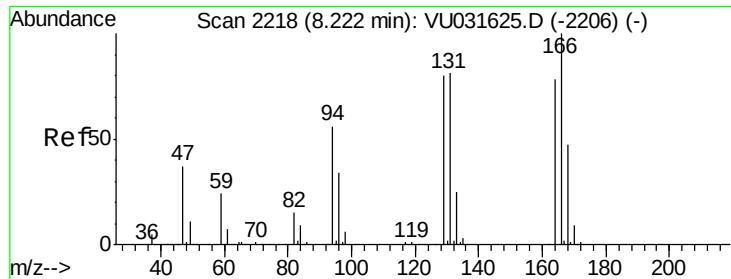


#34

Trichloroethene
Concen: 74.758 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU031636.D
Acq: 30 Apr 2019 16:05

Tgt Ion: 95 Resp: 396461
Ion Ratio Lower Upper
95 100
97 62.6 44.8 83.2
132 80.3 63.1 117.1
130 84.2 66.5 123.5





#46

Tetrachloroethene

Concen: 0.785 ug/L

RT: 8.23 min Scan# 2221

Delta R.T. 0.01 min

Lab File: VU031636.D

Acq: 30 Apr 2019 16:05

Instrument :

MSVOA_U

ClientSampleId :

C0XB7DL

Tot Ion:164 Resp: 2837

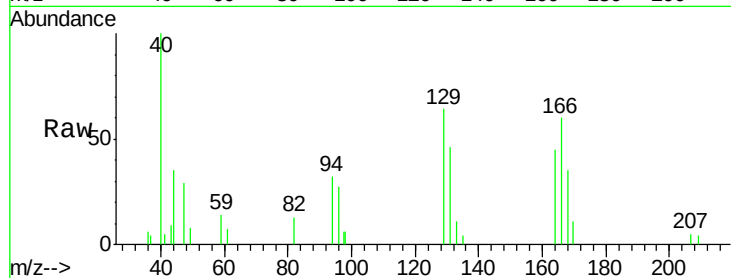
Ion Ratio Lower Upper

164 100

129 141.4 71.5 132.9#

131 101.1 69.0 128.2

166 133.3 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

