

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043019\
 Data File : VU031635.D
 Acq On : 30 Apr 2019 15:42
 Operator : JC/SP
 Sample : K2593-02DL 250X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XB4DL

Quant Time: May 01 02:34:00 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	631107	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	622559	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	212172	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	311369	58.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	117.90%
7) Chloroethane-d5	1.68	69	223836	54.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.68%
11) 1,1-Dichloroethene-d2	2.27	63	455244	43.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.56%
21) 2-Butanone-d5	4.19	46	497834	104.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.03%
24) Chloroform-d	4.64	84	507273	52.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.88%
26) 1,2-Dichloroethane-d4	5.31	65	351414	55.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.20%
32) Benzene-d6	5.34	84	977137	51.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.22%
36) 1,2-Dichloropropane-d6	6.32	67	352024	52.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.68%
41) Toluene-d8	7.56	98	785722	47.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.38%
43) trans-1,3-Dichloropropene-	7.85	79	134609	46.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.24%
47) 2-Hexanone-d5	8.31	63	279292	95.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.94%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	434418	48.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.26%
64) 1,2-Dichlorobenzene-d4	11.86	152	224552	50.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.64%

Target Compounds

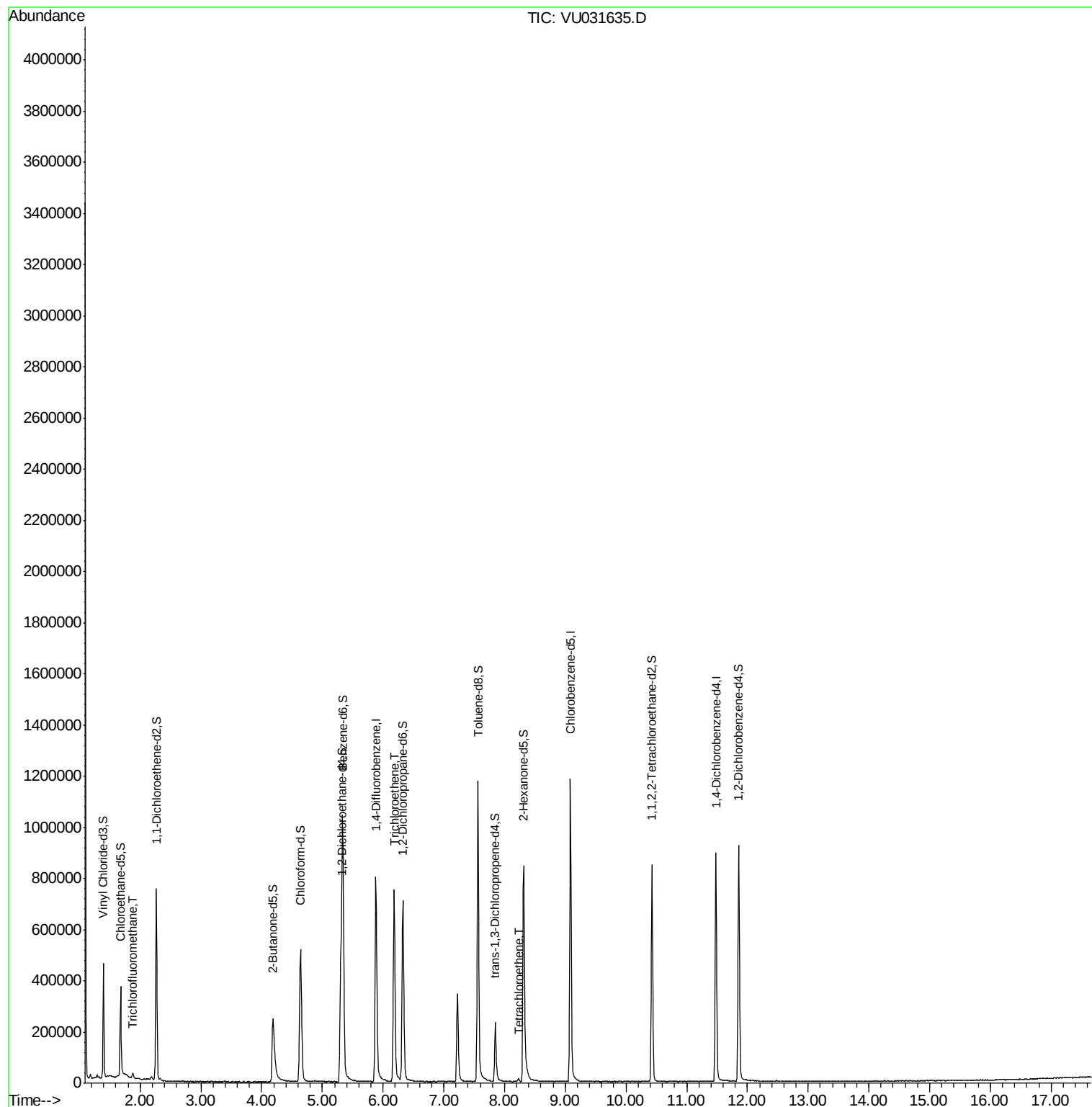
					Ovalue
9) Trichlorofluoromethane	1.88	101	6747	0.754 ug/L	100
34) Trichloroethene	6.18	95	274379	49.452 ug/L	95
46) Tetrachloroethene	8.23	164	2573	0.680 ug/L	74

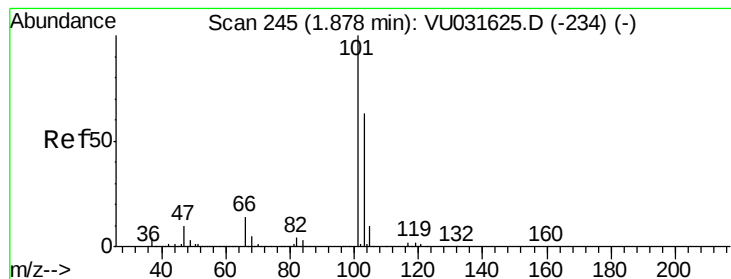
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU043019\
Data File : VU031635.D
Acq On : 30 Apr 2019 15:42
Operator : JC/SP
Sample : K2593-02DL 250X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XB4DL

Quant Time: May 01 02:34:00 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 01 01:38:49 2019
Response via : Initial Calibration



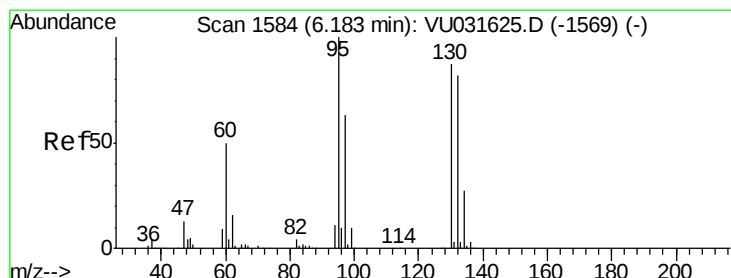
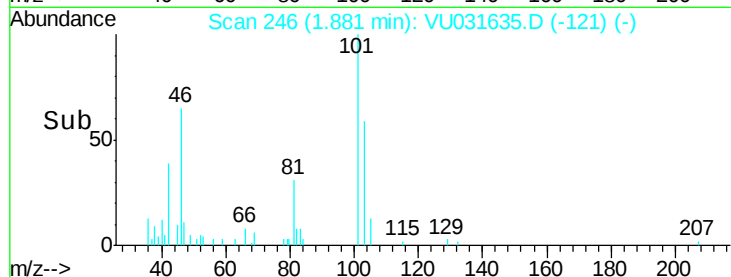
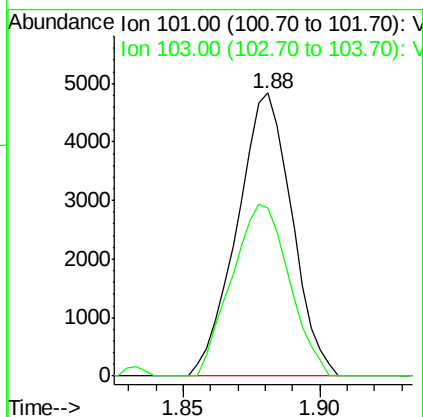
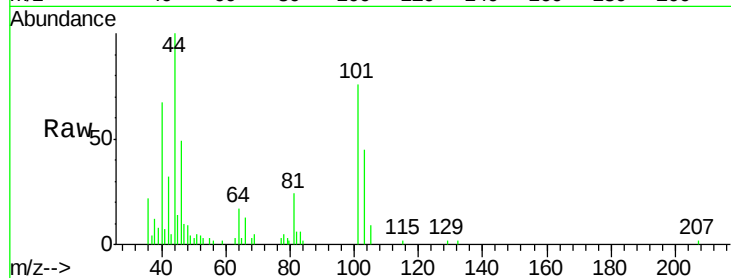


#9

Trichlorofluoromethane
Concen: 0.754 ug/L
RT: 1.88 min Scan# 246
Delta R.T. 0.00 min
Lab File: VU031635.D
Acq: 30 Apr 2019 15:42

Instrument :
MSVOA_U
ClientSampleId :
C0XB4DL

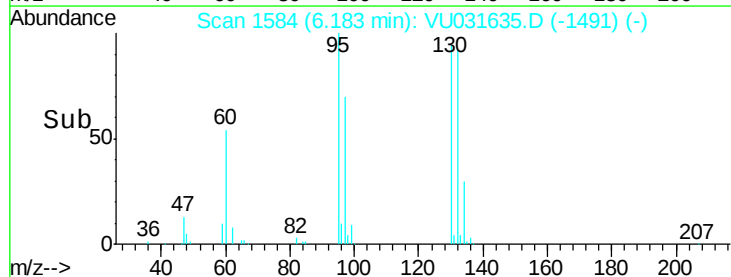
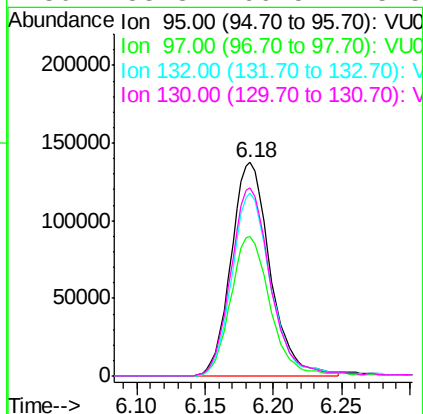
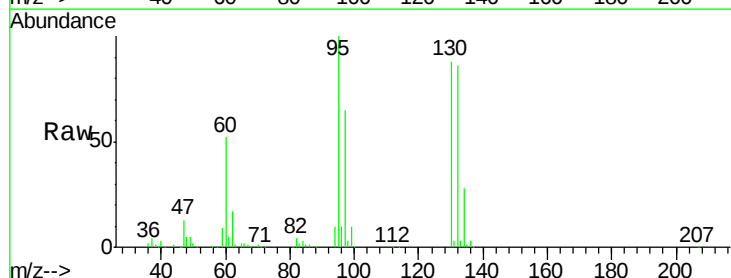
Tot Ion:101 Resp: 6747
Ion Ratio Lower Upper
101 100
103 63.5 50.8 76.2

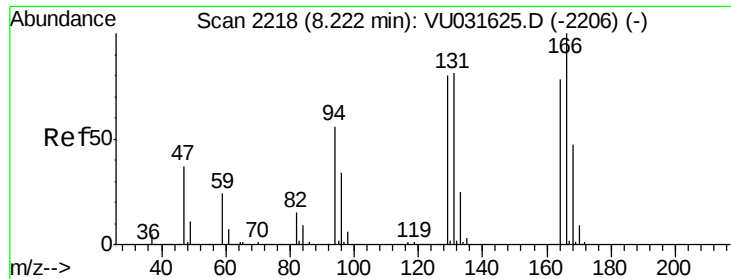


#34

Trichloroethene
Concen: 49.452 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. -0.00 min
Lab File: VU031635.D
Acq: 30 Apr 2019 15:42

Tgt Ion: 95 Resp: 274379
Ion Ratio Lower Upper
95 100
97 65.4 44.8 83.2
132 85.9 63.1 117.1
130 88.3 66.5 123.5





#46

Tetrachloroethene

Concen: 0.680 ug/L

RT: 8.23 min Scan# 2221

Delta R.T. 0.01 min

Lab File: VU031635.D

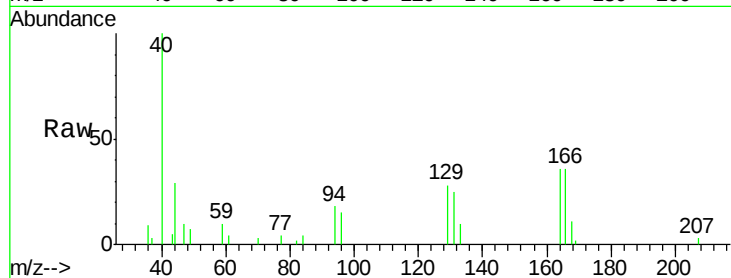
Acq: 30 Apr 2019 15:42

Instrument :

MSVOA_U

ClientSampleId :

C0XB4DL



Tot Ion:164 Resp: 2573

Ion Ratio Lower Upper

164 100

129 77.8 71.5 132.9

131 69.9 69.0 128.2

166 102.4 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

