

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042919\
 Data File : VU031580.D
 Acq On : 29 Apr 2019 12:49
 Operator : JC/SP
 Sample : K2536-18 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X06

Manual Integrations
 APPROVED

MMDadoda
 4/30/2019 12:07:03 PM

Quant Time: Apr 30 02:47:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 30 01:54:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	701855	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	681922	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	257819	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	309754	52.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.46%
7) Chloroethane-d5	1.68	69	249491	54.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.92%
11) 1,1-Dichloroethene-d2	2.27	63	463335m	39.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.22%
21) 2-Butanone-d5	4.18	46	614797	115.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.52%
24) Chloroform-d	4.64	84	552415	51.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.70%
26) 1,2-Dichloroethane-d4	5.31	65	378919	53.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.82%
32) Benzene-d6	5.34	84	1081668	51.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.32%
36) 1,2-Dichloropropane-d6	6.33	67	399125	54.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.36%
41) Toluene-d8	7.56	98	925572	50.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.50%
43) trans-1,3-Dichloropropene-	7.85	79	160515	50.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.52%
47) 2-Hexanone-d5	8.31	63	369200	115.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.78%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	508128	51.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.78%
64) 1,2-Dichlorobenzene-d4	11.85	152	291267	53.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.44%

Target Compounds

					Ovalue
9) Trichlorofluoromethane	1.88	101	12021	1.208 ug/L	100
20) cis-1,2-Dichloroethene	4.22	96	13810	2.256 ug/L	97
34) Trichloroethene	6.18	95	579114	95.289 ug/L	96
46) Tetrachloroethene	8.23	164	13558	3.272 ug/L	92

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

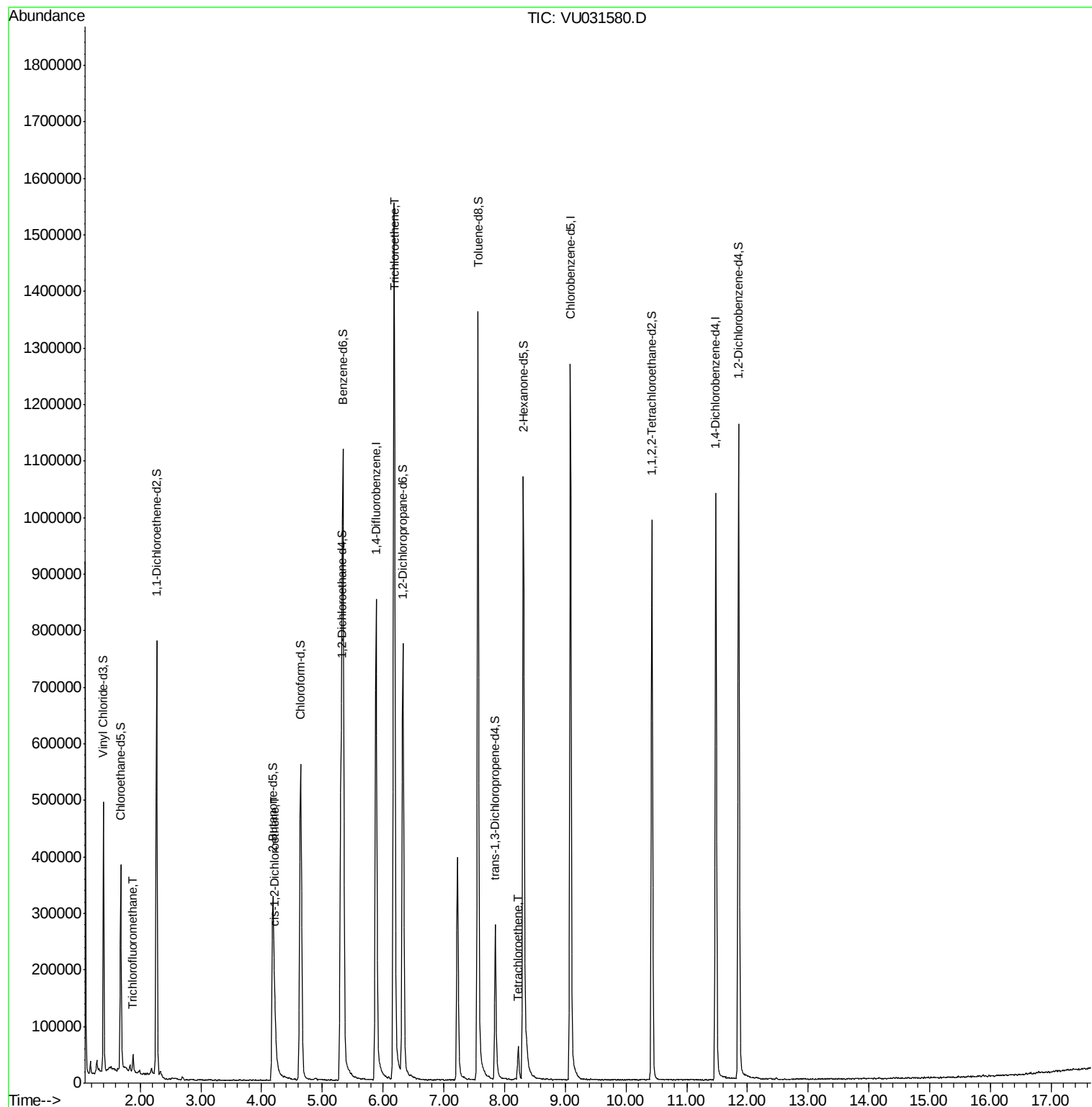
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042919\
Data File : VU031580.D
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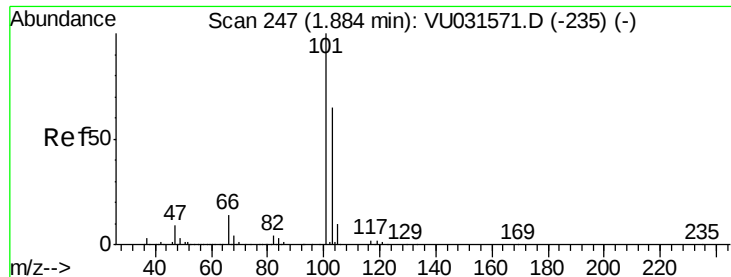
Instrument :
MSVOA_U
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Quant Time: Apr 30 02:47:05 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
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Response via : Initial Calibration





#9

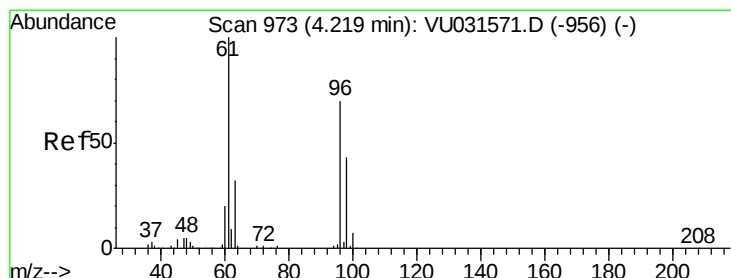
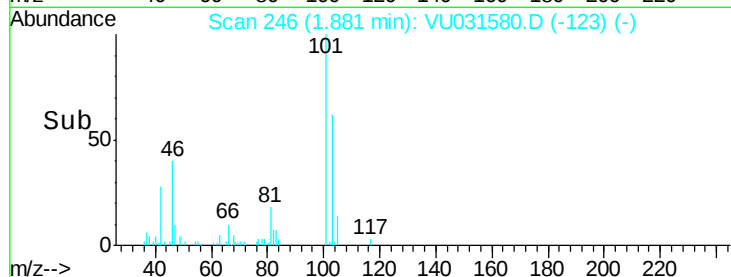
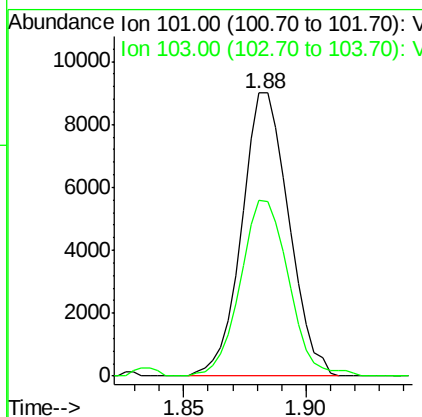
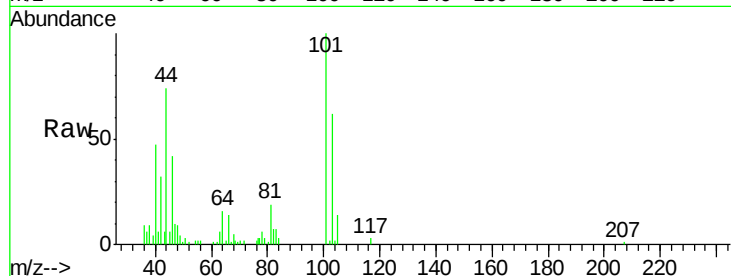
Trichlorofluoromethane
Concen: 1.208 ug/L
RT: 1.88 min Scan# 246
Delta R.T. -0.00 min
Lab File: VU031580.D
Acq: 29 Apr 2019 12:49

Instrument :
MSVOA_U
ClientSampled :
C0X06

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	50.8	76.2

Manual Integrations
APPROVED

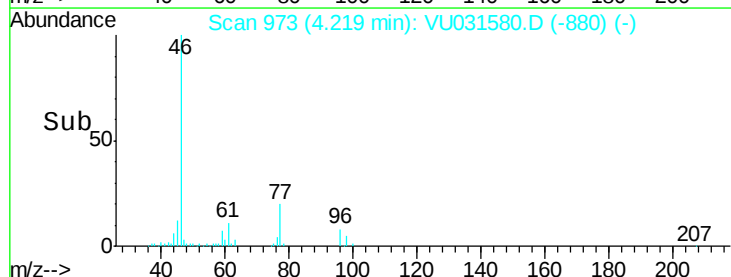
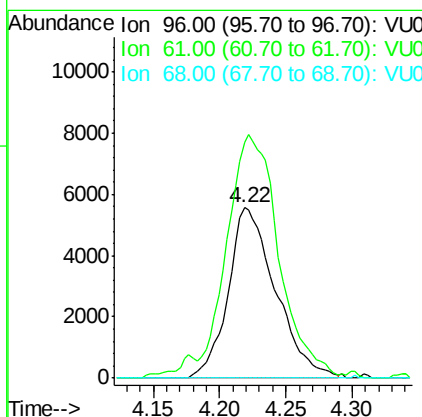
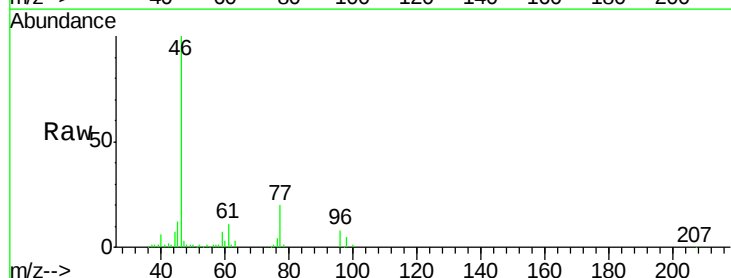
MMDadoda
4/30/2019 12:07:03 PM

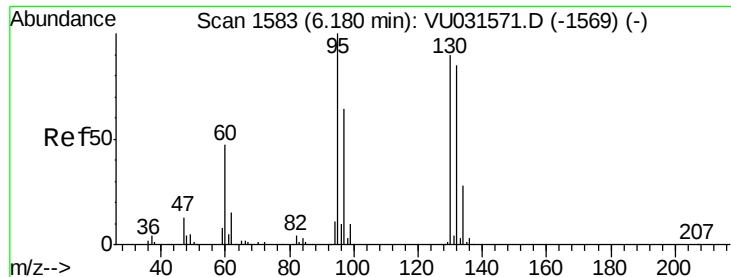


#20

cis-1,2-Dichloroethene
Concen: 2.256 ug/L
RT: 4.22 min Scan# 973
Delta R.T. -0.00 min
Lab File: VU031580.D
Acq: 29 Apr 2019 12:49

Tgt Ion	Ratio	Lower	Upper
96	100		
61	138.6	99.5	184.7
68	0.0	0.0	0.0





#34

Trichloroethene

Concen: 95.289 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031580.D

Acq: 29 Apr 2019 12:49

Instrument :

MSVOA_U

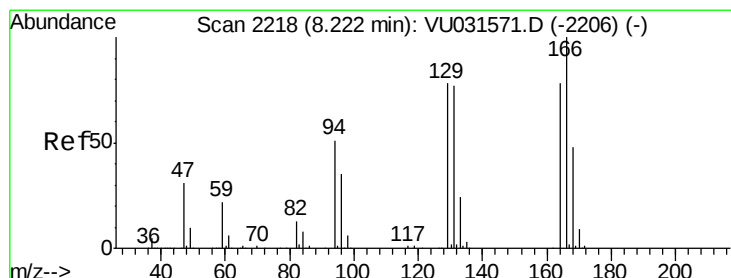
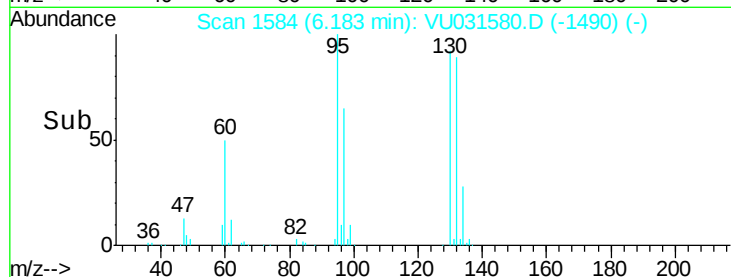
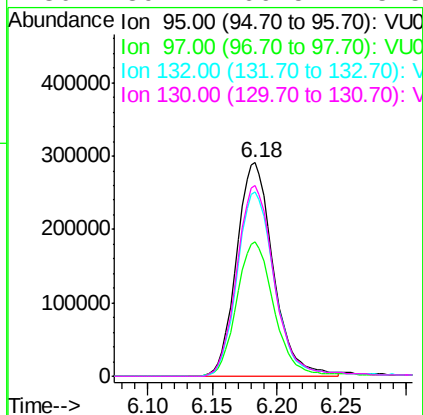
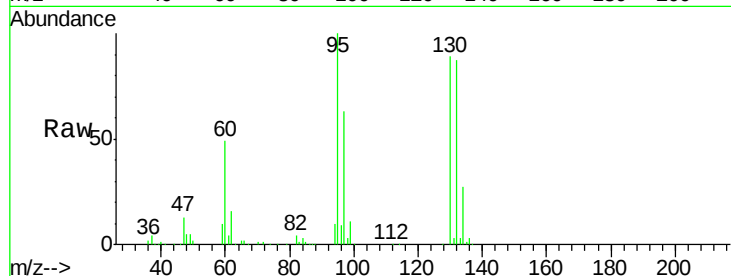
ClientSampled :

C0X06

Tot Ion	95	Resp	579114
Ion	Ratio	Lower	Upper
95	100		
97	62.7	44.8	83.2
132	86.5	63.1	117.1
130	89.4	66.5	123.5

Manual Integrations
APPROVED

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#46

Tetrachloroethene

Concen: 3.272 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.01 min

Lab File: VU031580.D

Acq: 29 Apr 2019 12:49

Tgt Ion	164	Resp	13558
Ion	Ratio	Lower	Upper
164	100		
129	115.0	71.5	132.9
131	109.3	69.0	128.2
166	130.7	93.7	173.9

