

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042719\
 Data File : VU031541.D
 Acq On : 26 Apr 2019 18:49
 Operator : JC/SP
 Sample : K2590-12 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XB3

Manual Integrations
 APPROVED

MMDadoda
 4/29/2019 10:53:10 AM

Quant Time: Apr 27 03:16:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 27 00:11:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	888780	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	832218	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	338566	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	403650	54.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.54%
7) Chloroethane-d5	1.68	69	313831m	54.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.20%
11) 1,1-Dichloroethene-d2	2.27	63	573748	38.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.46%
21) 2-Butanone-d5	4.19	46	692127	102.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.70%
24) Chloroform-d	4.64	84	639777	46.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.92%
26) 1,2-Dichloroethane-d4	5.31	65	416919	46.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.68%
32) Benzene-d6	5.34	84	1365927	53.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.90%
36) 1,2-Dichloropropane-d6	6.33	67	460446	51.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.42%
41) Toluene-d8	7.56	98	1178014	52.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.84%
43) trans-1,3-Dichloropropene-	7.85	79	197425	51.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.30%
47) 2-Hexanone-d5	8.31	63	464141	119.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.27%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	585596	48.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.06%
64) 1,2-Dichlorobenzene-d4	11.86	152	381907	53.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.28%

Target Compounds					Ovalue
34) Trichloroethene	6.19	95	13822	1.864 ug/L	97
46) Tetrachloroethene	8.23	164	3151	0.623 ug/L	80

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

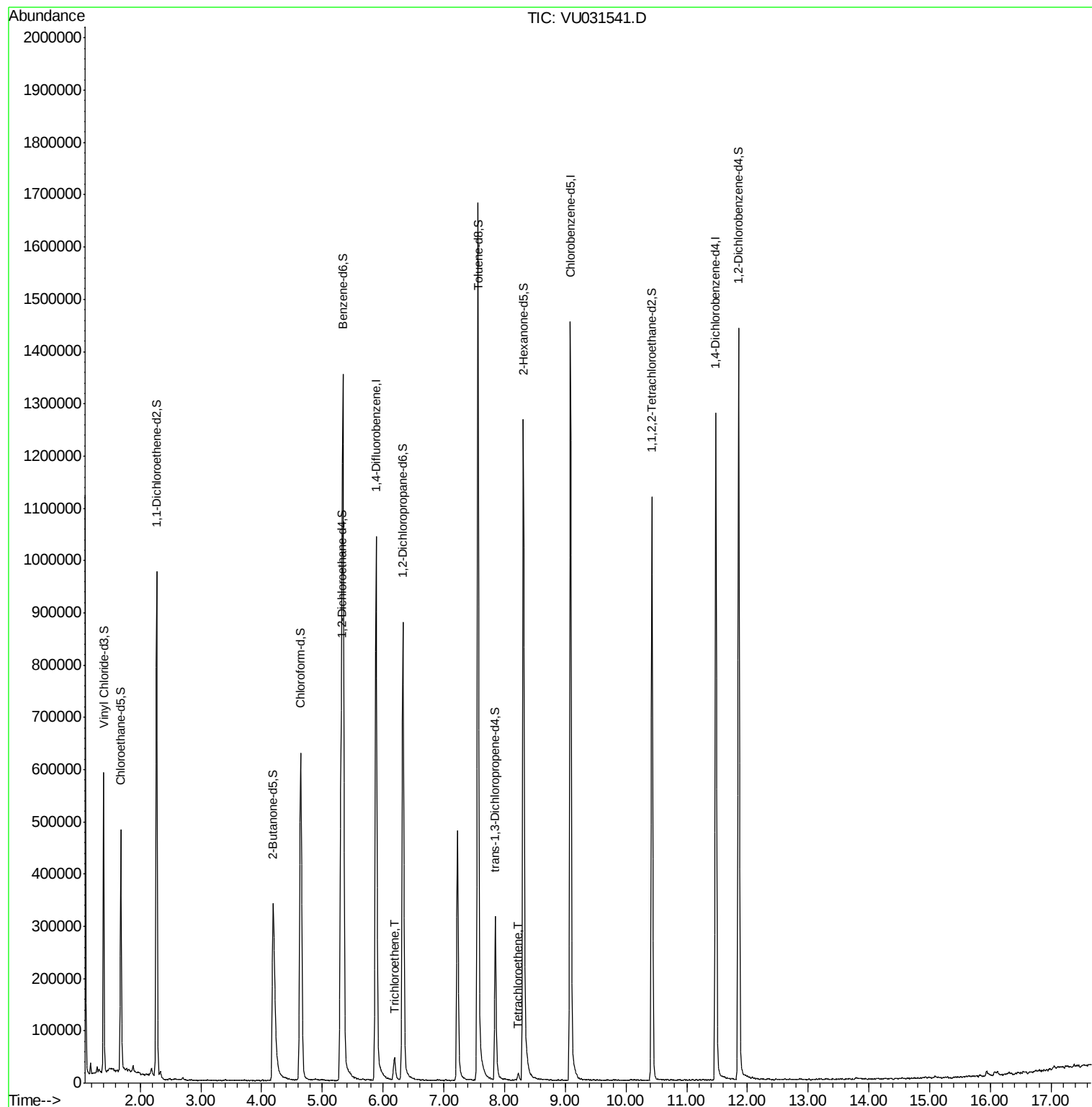
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042719\
Data File : VU031541.D
Acq On : 26 Apr 2019 18:49
Operator : JC/SP
Sample : K2590-12 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 24 Sample Multiplier: 1

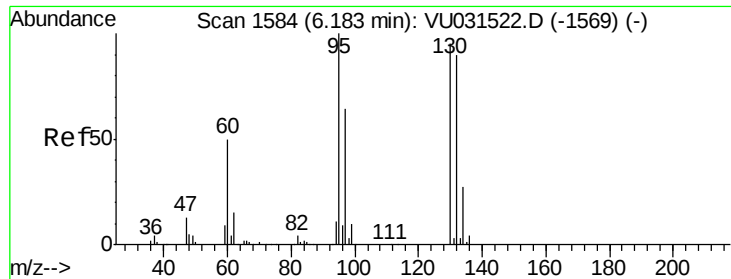
Instrument :
MSVOA_U
ClientSampleId :
C0XB3

Manual Integrations
APPROVED

MMDadoda
4/29/2019 10:53:10 AM

Quant Time: Apr 27 03:16:15 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 27 00:11:31 2019
Response via : Initial Calibration





#34

Trichloroethene

Concen: 1.864 ug/L

RT: 6.19 min Scan# 1586

Delta R.T. 0.01 min

Lab File: VU031541.D

Acq: 26 Apr 2019 18:49

Instrument :

MSVOA_U

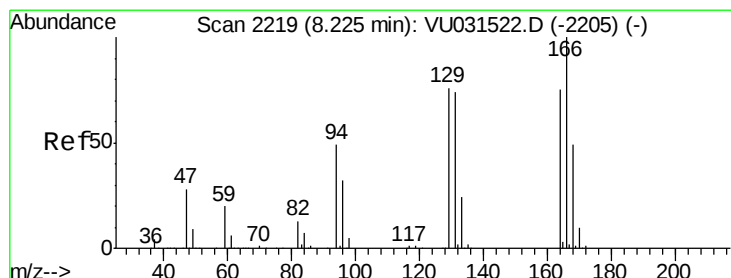
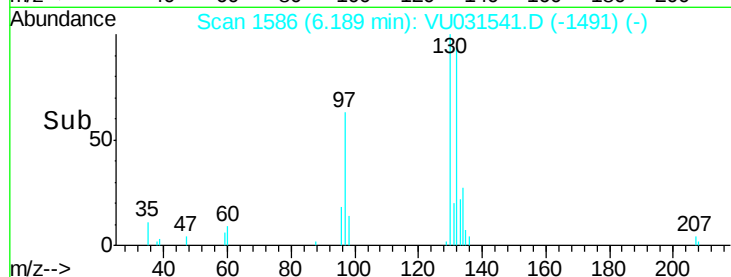
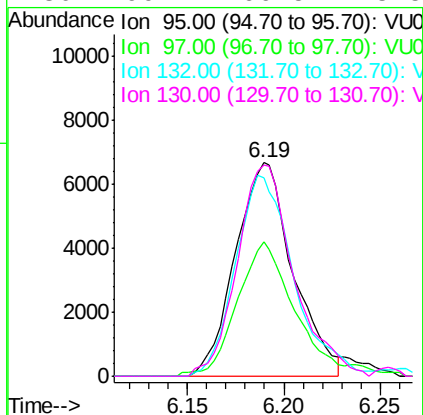
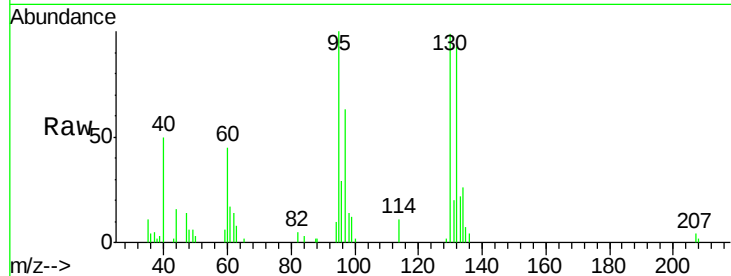
ClientSampled :

C0XB3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100		13822		
97	62.7	44.8	83.2		
132	92.9	63.1	117.1		
130	99.1	66.5	123.5		

Manual Integrations
APPROVED

MMDadoda
4/29/2019 10:53:10 AM



#46

Tetrachloroethene

Concen: 0.623 ug/L

RT: 8.23 min Scan# 2221

Delta R.T. 0.01 min

Lab File: VU031541.D

Acq: 26 Apr 2019 18:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100		3151		
129	91.6	71.5	132.9		
131	75.3	69.0	128.2		
166	103.2	93.7	173.9		

