

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042219\
 Data File : VU031389.D
 Acq On : 22 Apr 2019 13:14
 Operator : JC/SP
 Sample : VIBLK40
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK40

Manual Integrations
 APPROVED

MMDadoda
 4/23/2019 11:04:22 AM

Quant Time: Apr 23 01:43:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 00:59:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	569833	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	526168	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	221821	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	249853	47.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.22%
7) Chloroethane-d5	1.68	69	205504	45.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.27	63	347139	33.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.78%
21) 2-Butanone-d5	4.19	46	338753	88.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.63%
24) Chloroform-d	4.64	84	361216	41.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.50%
26) 1,2-Dichloroethane-d4	5.31	65	216258	40.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.22%
32) Benzene-d6	5.34	84	713967	42.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.84%
36) 1,2-Dichloropropane-d6	6.33	67	211112	39.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	78.22%
41) Toluene-d8	7.56	98	763826	52.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.36%
43) trans-1,3-Dichloropropene-	7.85	79	110646	42.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.76%
47) 2-Hexanone-d5	8.31	63	274393	107.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.67%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	325381	43.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.84%
64) 1,2-Dichlorobenzene-d4	11.85	152	233277	45.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.70%

Target Compounds					Ovalue
34) Trichloroethene	6.18	95	51668	11.668 ug/L	97
46) Tetrachloroethene	8.22	164	3995m	1.200 ug/L	

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

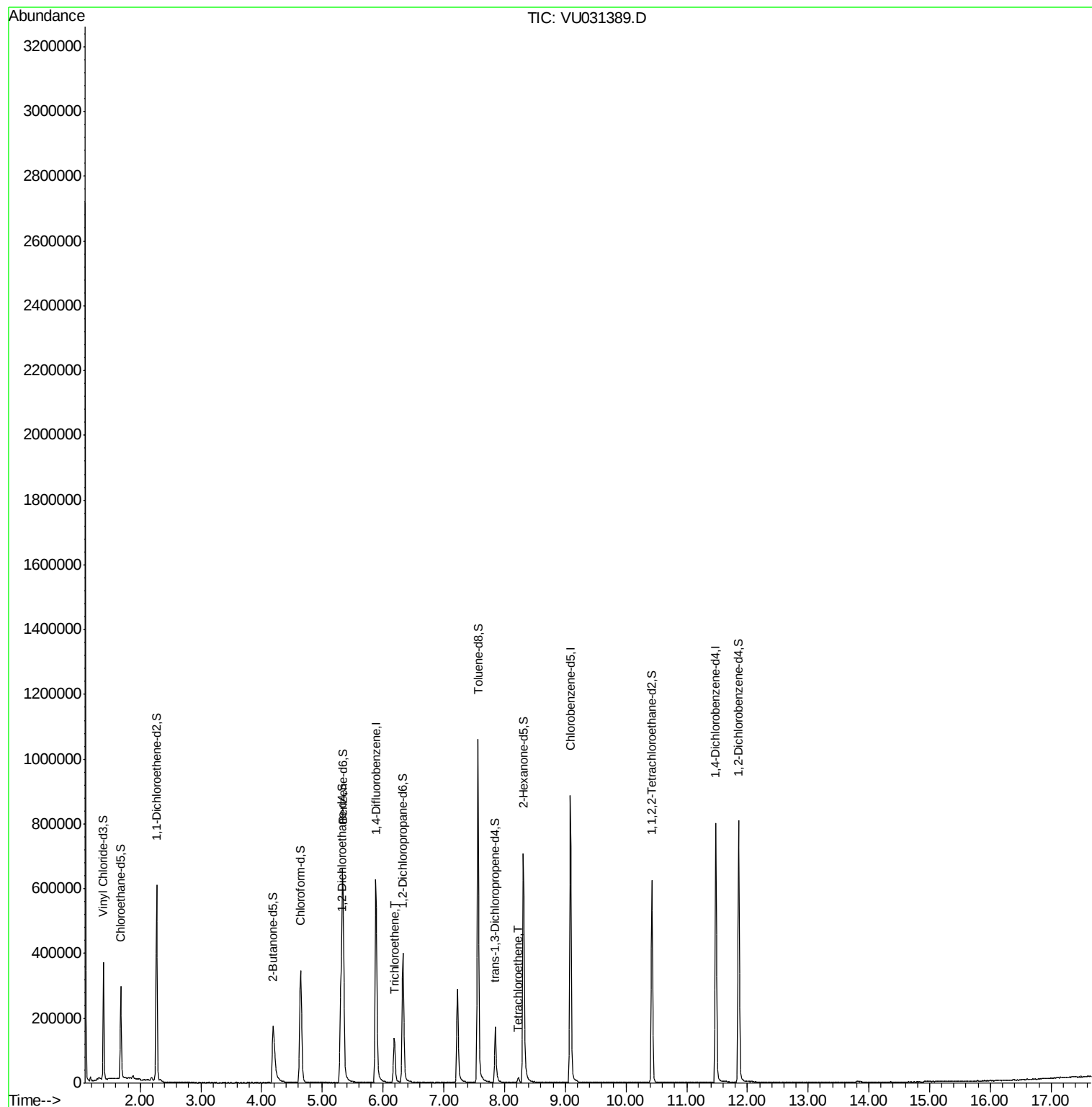
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042219\
Data File : VU031389.D
Acq On : 22 Apr 2019 13:14
Operator : JC/SP
Sample : VIBLK40
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

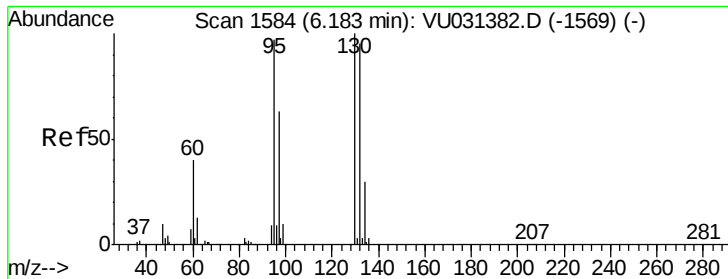
Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Manual Integrations
APPROVED

MMDadoda
4/23/2019 11:04:22 AM

Quant Time: Apr 23 01:43:10 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 00:59:20 2019
Response via : Initial Calibration





#34

Trichloroethene

Concen: 11.668 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. -0.00 min

Lab File: VU031389.D

Acq: 22 Apr 2019 13:14

Instrument :

MSVOA_U

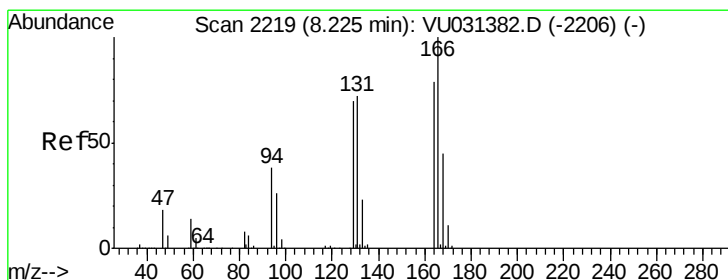
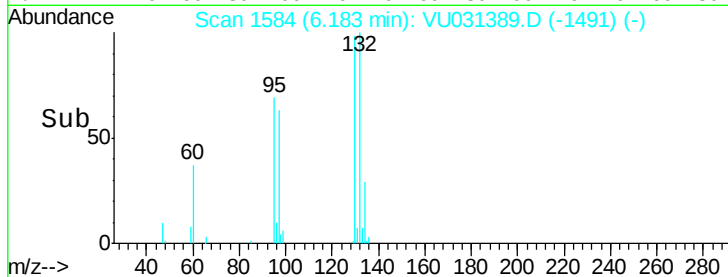
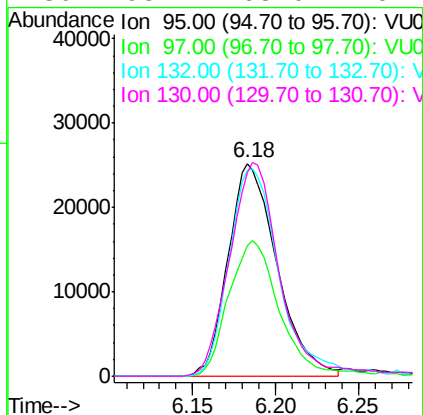
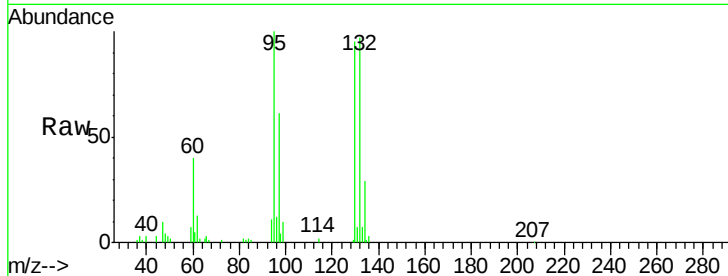
ClientSampleId :

VIBLK40

Tot Ion:	95	Resp:	51668
Ion	Ratio	Lower	Upper
95	100		
97	61.3	43.6	81.0
132	97.0	64.5	119.7
130	95.4	68.0	126.2

Manual Integrations
APPROVED

MMDadoda
4/23/2019 11:04:22 AM



#46

Tetrachloroethene

Concen: 1.200 ug/L m

RT: 8.22 min Scan# 2219

Delta R.T. -0.00 min

Lab File: VU031389.D

Acq: 22 Apr 2019 13:14

Tgt Ion:	164	Resp:	3995
Ion	Ratio	Lower	Upper
164	100		
129	91.8	66.5	123.5
131	97.0	62.3	115.7
166	126.7	90.6	168.3

