

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050119\
 Data File : VU031678.D
 Acq On : 01 May 2019 12:47
 Operator : JC/SP
 Sample : K2593-12DL 2000X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X78DL

Manual Integrations
 APPROVED

MMDadoda
 5/2/2019 9:29:44 AM

Quant Time: May 02 04:36:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 02 02:23:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	929081	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	908463	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	419873	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	254279	32.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.40%
7) Chloroethane-d5	1.68	69	222399	37.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.02%
11) 1,1-Dichloroethene-d2	2.27	63	408542m	26.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.76%#
21) 2-Butanone-d5	4.18	46	683655	97.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.04%
24) Chloroform-d	4.64	84	535538	37.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.22%
26) 1,2-Dichloroethane-d4	5.31	65	365976	39.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.68%
32) Benzene-d6	5.34	84	1104728	39.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.20%
36) 1,2-Dichloropropane-d6	6.32	67	396521	40.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.80%
41) Toluene-d8	7.56	98	969608	39.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.82%#
43) trans-1,3-Dichloropropene-	7.85	79	173221	41.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.24%
47) 2-Hexanone-d5	8.31	63	455411	107.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.20%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	556577	42.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.52%
64) 1,2-Dichlorobenzene-d4	11.85	152	370454	41.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.90%

Target Compounds					Ovalue
34) Trichloroethene	6.18	95	437687	54.059 ug/L	97
46) Tetrachloroethene	8.23	164	5760	1.044 ug/L	96

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

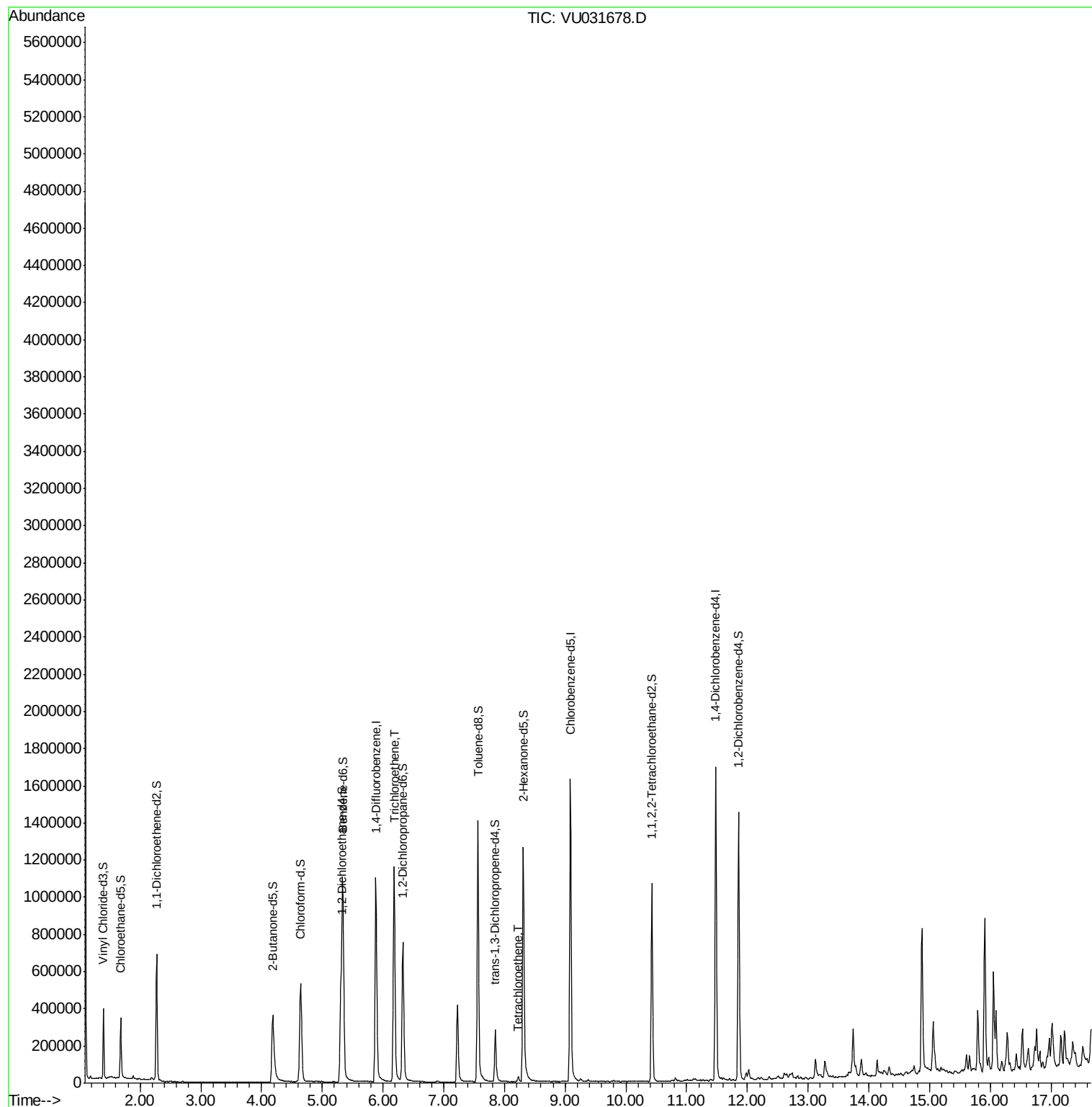
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050119\
Data File : VU031678.D
Acq On : 01 May 2019 12:47
Operator : JC/SP
Sample : K2593-12DL 2000X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

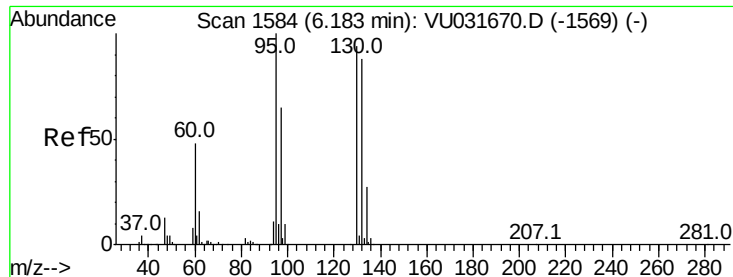
Instrument :
MSVOA_U
ClientSampleId :
C0X78DL

Manual Integrations
APPROVED

MMDadoda
5/2/2019 9:29:44 AM

Quant Time: May 02 04:36:36 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 02 02:23:23 2019
Response via : Initial Calibration





#34

Trichloroethene

Concen: 54.059 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031678.D

Acq: 01 May 2019 12:47

Instrument :

MSVOA_U

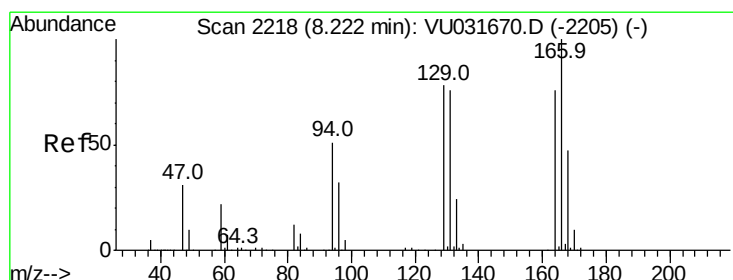
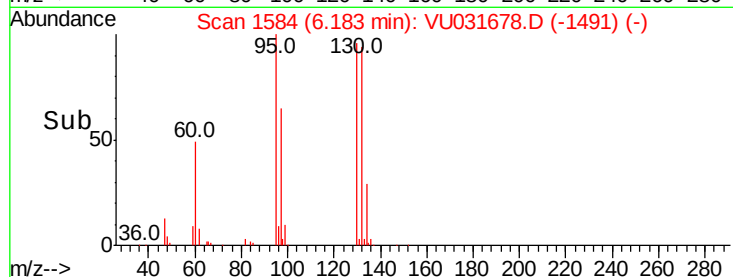
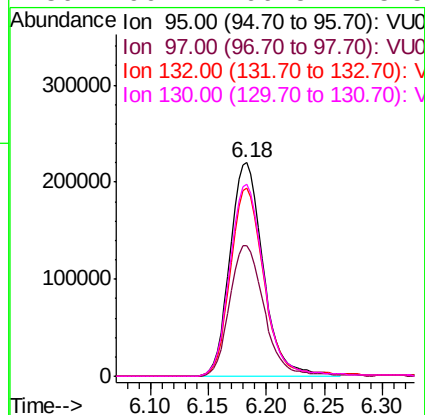
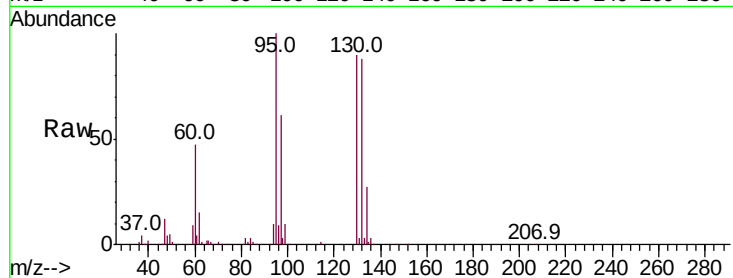
ClientSampleId :

C0X78DL

Tot Ion	Ratio	Lower	Upper
95	100		
97	61.4	44.8	83.2
132	88.3	63.1	117.1
130	90.1	66.5	123.5

Manual Integrations
APPROVED

MMDadoda
5/2/2019 9:29:44 AM



#46

Tetrachloroethene

Concen: 1.044 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.01 min

Lab File: VU031678.D

Acq: 01 May 2019 12:47

Tgt Ion	Ratio	Lower	Upper
164	100		
129	97.7	71.5	132.9
131	89.1	69.0	128.2
166	134.3	93.7	173.9

