

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031519\
 Data File : VU030065.D
 Acq On : 14 Mar 2019 11:45
 Operator : JC/SP
 Sample : K1838-13DL 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1B2DL

Quant Time: Mar 15 01:51:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 15 01:21:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	483709	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	463481	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	224768	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	155080	48.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.94%
7) Chloroethane-d5	1.68	69	125030	48.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.82%
11) 1,1-Dichloroethene-d2	2.27	63	209626	36.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.60%
21) 2-Butanone-d5	4.17	46	212520	88.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.65%
24) Chloroform-d	4.65	84	257243	44.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.64%
26) 1,2-Dichloroethane-d4	5.31	65	158494	47.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.60%
32) Benzene-d6	5.34	84	572013	47.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.88%
36) 1,2-Dichloropropane-d6	6.33	67	176595	48.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.72%
41) Toluene-d8	7.56	98	518259	46.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.78%
43) trans-1,3-Dichloropropene-	7.85	79	79948	45.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.40%
47) 2-Hexanone-d5	8.31	63	187377	91.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.71%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	253997	45.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.54%
64) 1,2-Dichlorobenzene-d4	11.86	152	204108	46.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.76%

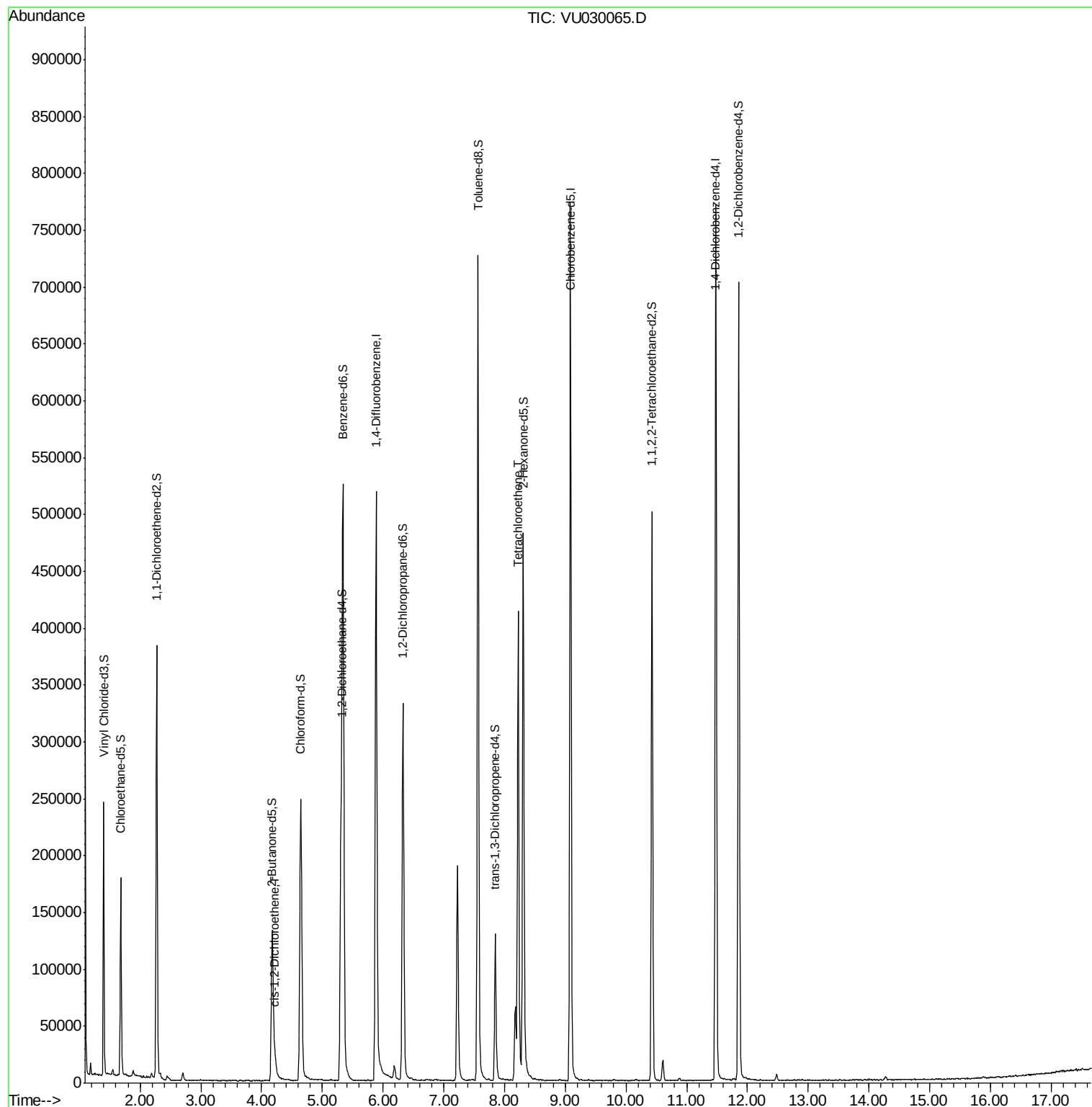
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) cis-1,2-Dichloroethene	4.23	96	5556	1.478	ug/L	99
46) Tetrachloroethene	8.22	164	98613	32.418	ug/L	97

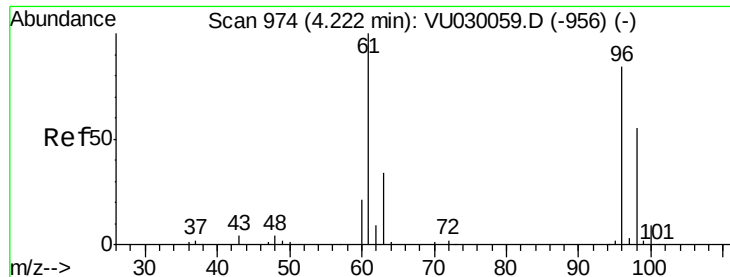
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 1.478 ug/L

RT: 4.23 min Scan# 976

Delta R.T. 0.01 min

Lab File: VU030065.D

Acq: 14 Mar 2019 11:45

Instrument :

MSVOA_U

ClientSampleId :

BF1B2DL

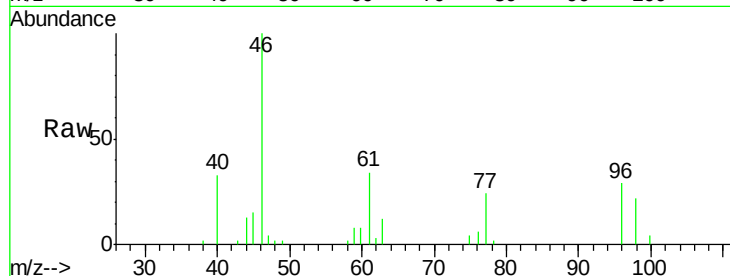
Tgt Ion: 96 Resp: 5556

Ion Ratio Lower Upper

96 100

61 116.1 80.8 150.2

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU030065.D (-881) (-)

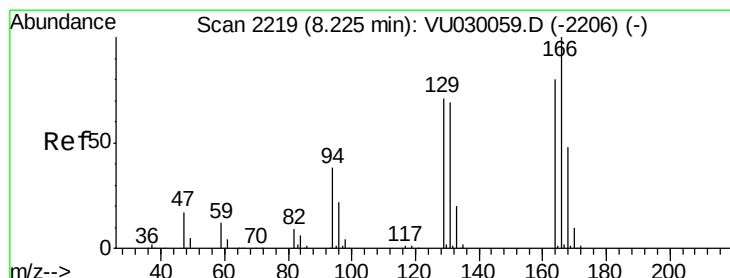
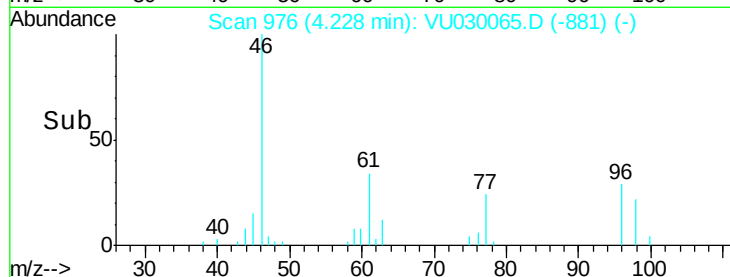
Ion 61.00 (60.70 to 61.70): VU030065.D (-881) (-)

Ion 68.00 (67.70 to 68.70): VU030065.D (-881) (-)

Time-->

4.15 4.20 4.25 4.30

4.23



#46

Tetrachloroethene

Concen: 32.418 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.00 min

Lab File: VU030065.D

Acq: 14 Mar 2019 11:45

Tgt Ion: 164 Resp: 98613

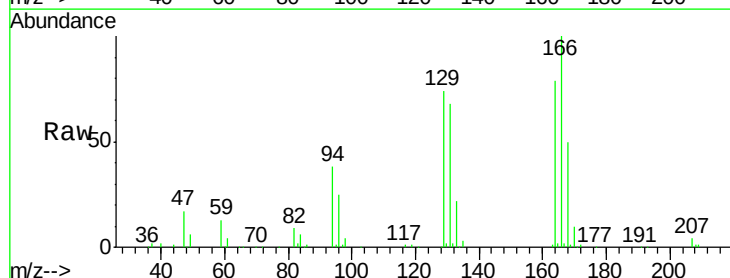
Ion Ratio Lower Upper

164 100

129 93.6 63.3 117.7

131 85.6 62.0 115.2

166 125.9 90.5 168.1



Abundance Ion 164.00 (163.70 to 164.70): VU030065.D (-2126) (-)

Ion 129.00 (128.70 to 129.70): VU030065.D (-2126) (-)

Ion 131.00 (130.70 to 131.70): VU030065.D (-2126) (-)

Ion 166.00 (165.70 to 166.70): VU030065.D (-2126) (-)

Time-->

8.15 8.20 8.25 8.30

8.22

