

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031116.D
 Acq On : 12 Apr 2019 09:46
 Operator : JC/SP
 Sample : VIBLK41
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 108 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK41

Manual Integrations
 APPROVED

MMDadoda
 4/15/2019 9:15:45 AM

Quant Time: Apr 12 23:54:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 23:21:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	470324	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	461971	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	190306	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	221381	52.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.46%
7) Chloroethane-d5	1.68	69	163114	51.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.38%
11) 1,1-Dichloroethene-d2	2.27	63	278720	36.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.40%
21) 2-Butanone-d5	4.17	46	306095	91.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.99%
24) Chloroform-d	4.64	84	312796m	48.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.54%
26) 1,2-Dichloroethane-d4	5.30	65	222648	50.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.76%
32) Benzene-d6	5.33	84	669954	49.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.36%
36) 1,2-Dichloropropane-d6	6.32	67	225209	48.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.46%
41) Toluene-d8	7.56	98	568763	47.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.16%
43) trans-1,3-Dichloropropene-	7.85	79	89727	42.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.14%
47) 2-Hexanone-d5	8.31	63	183615	86.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.92%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	297155	47.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.32%
64) 1,2-Dichlorobenzene-d4	11.86	152	199351	53.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.52%

Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.22	96	5580	1.464 ug/L	82
46) Tetrachloroethene	8.23	164	6520	2.419 ug/L	92

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

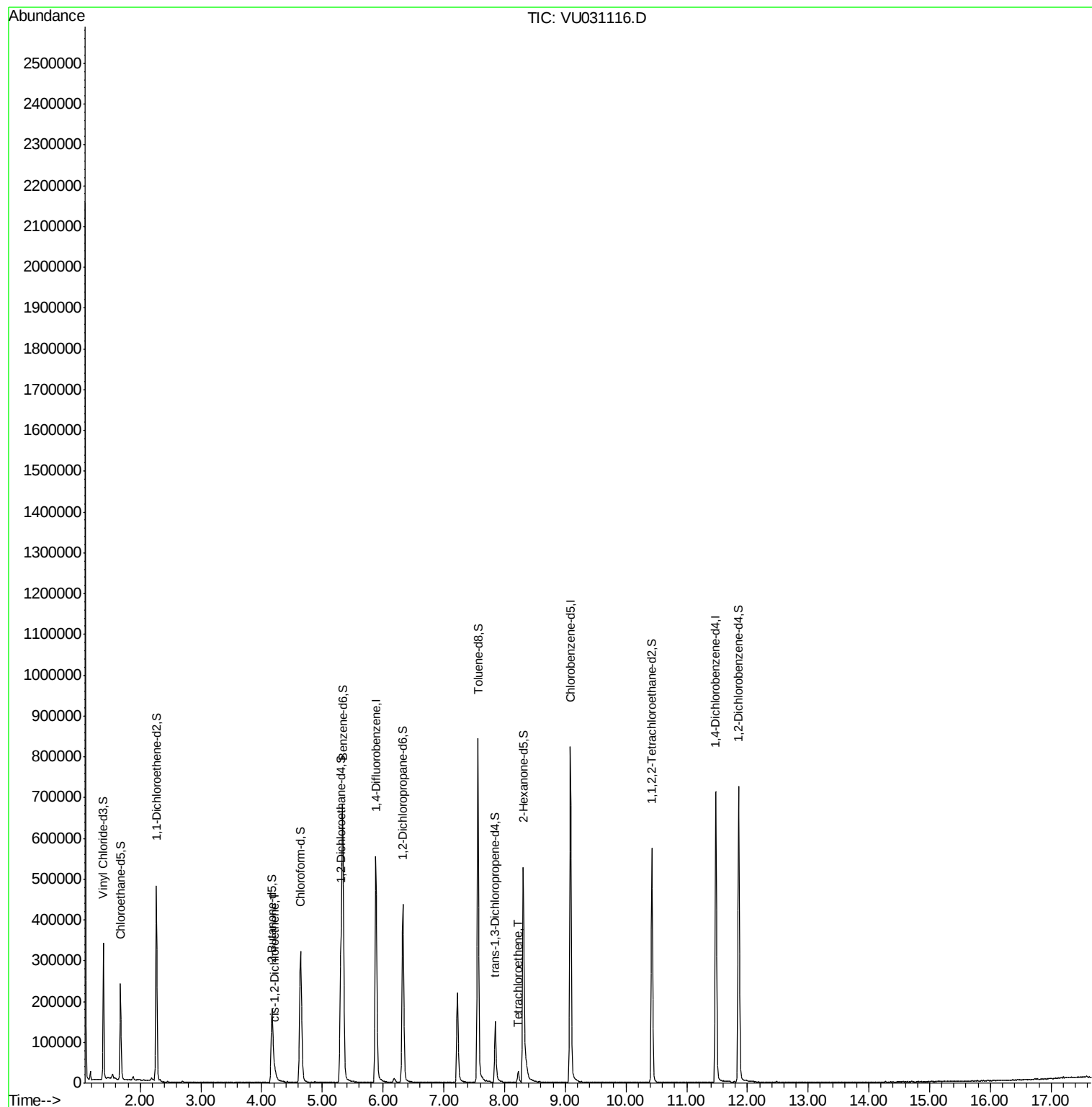
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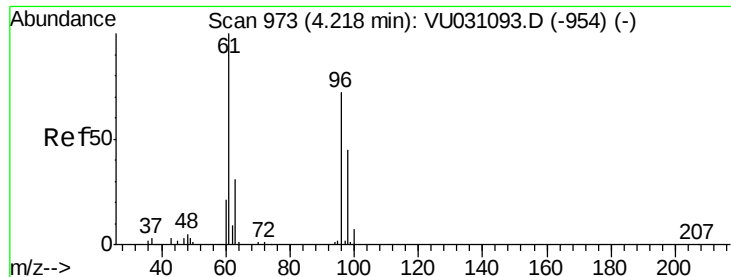
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#20

cis-1,2-Dichloroethene

Concen: 1.464 ug/L

RT: 4.22 min Scan# 975

Delta R.T. 0.01 min

Lab File: VU031116.D

Acq: 12 Apr 2019 09:46

Instrument :

MSVOA_U

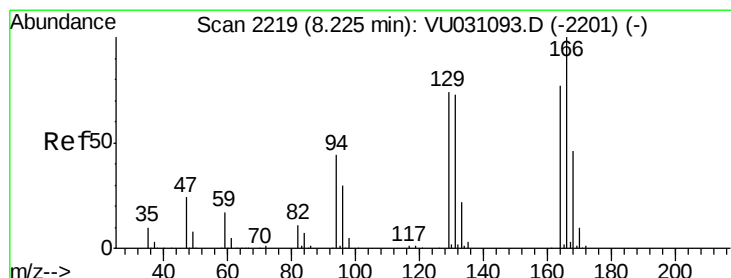
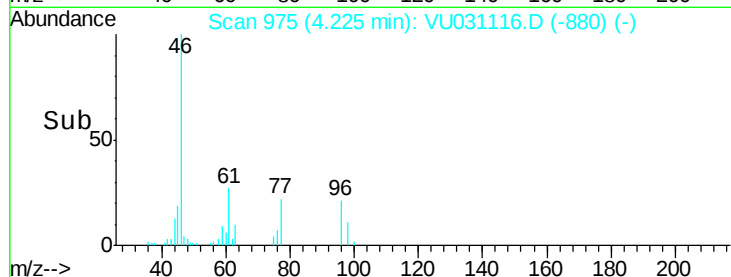
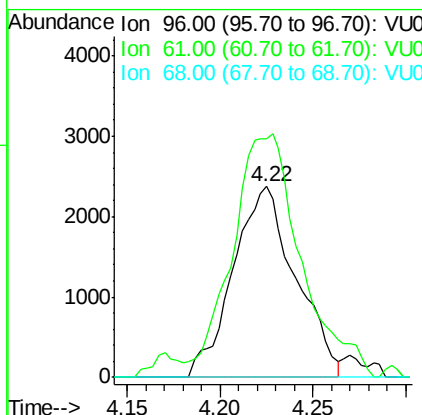
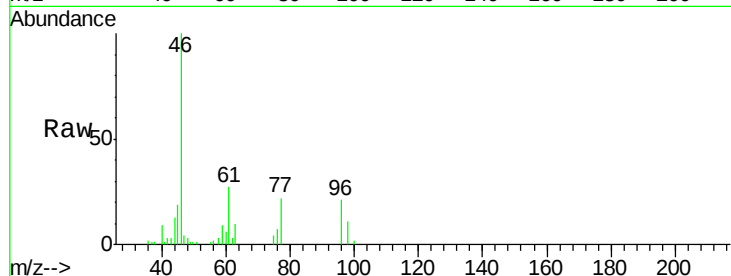
ClientSampleId :

VIBLK41

Tot Ion:	96	Resp:	5580
Ion	Ratio	Lower	Upper
96	100		
61	124.9	102.9	191.1
68	0.0	0.0	0.0

Manual Integrations
APPROVED

MMDadoda
4/15/2019 9:15:45 AM



#46

Tetrachloroethene

Concen: 2.419 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.00 min

Lab File: VU031116.D

Acq: 12 Apr 2019 09:46

Tgt Ion:	164	Resp:	6520
Ion	Ratio	Lower	Upper
164	100		
129	92.1	67.4	125.2
131	93.3	65.9	122.5
166	145.3	88.6	164.6

