

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U092019\
 Data File : VU034690.D
 Acq On : 20 Sep 2019 15:45
 Operator : JC/SP
 Sample : K4984-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Manual Integrations
 APPROVED

MMDadoda
 9/23/2019 9:33:04 AM

Quant Time: Sep 21 04:09:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 21 02:29:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	502849	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	465919	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	215098	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	213941	41.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.12%
7) Chloroethane-d5	1.67	69	188520	47.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.76%
11) 1,1-Dichloroethene-d2	2.26	63	291048	33.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.78%
21) 2-Butanone-d5	4.16	46	413881	104.90	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.90%
24) Chloroform-d	4.62	84	343992	45.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.92%
26) 1,2-Dichloroethane-d4	5.29	65	255299	46.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.82%
32) Benzene-d6	5.32	84	699056	48.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.82%
36) 1,2-Dichloropropane-d6	6.31	67	249520	49.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.86%
41) Toluene-d8	7.54	98	646821	47.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.16%
43) trans-1,3-Dichloropropene-	7.83	79	112720	46.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.26%
47) 2-Hexanone-d5	8.29	63	265668	104.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.79%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	322651	46.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.14%
64) 1,2-Dichlorobenzene-d4	11.84	152	213498	47.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.66%

Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.20	96	10332m	2.457 ug/L	
46) Tetrachloroethene	8.21	164	13315	4.743 ug/L	96

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

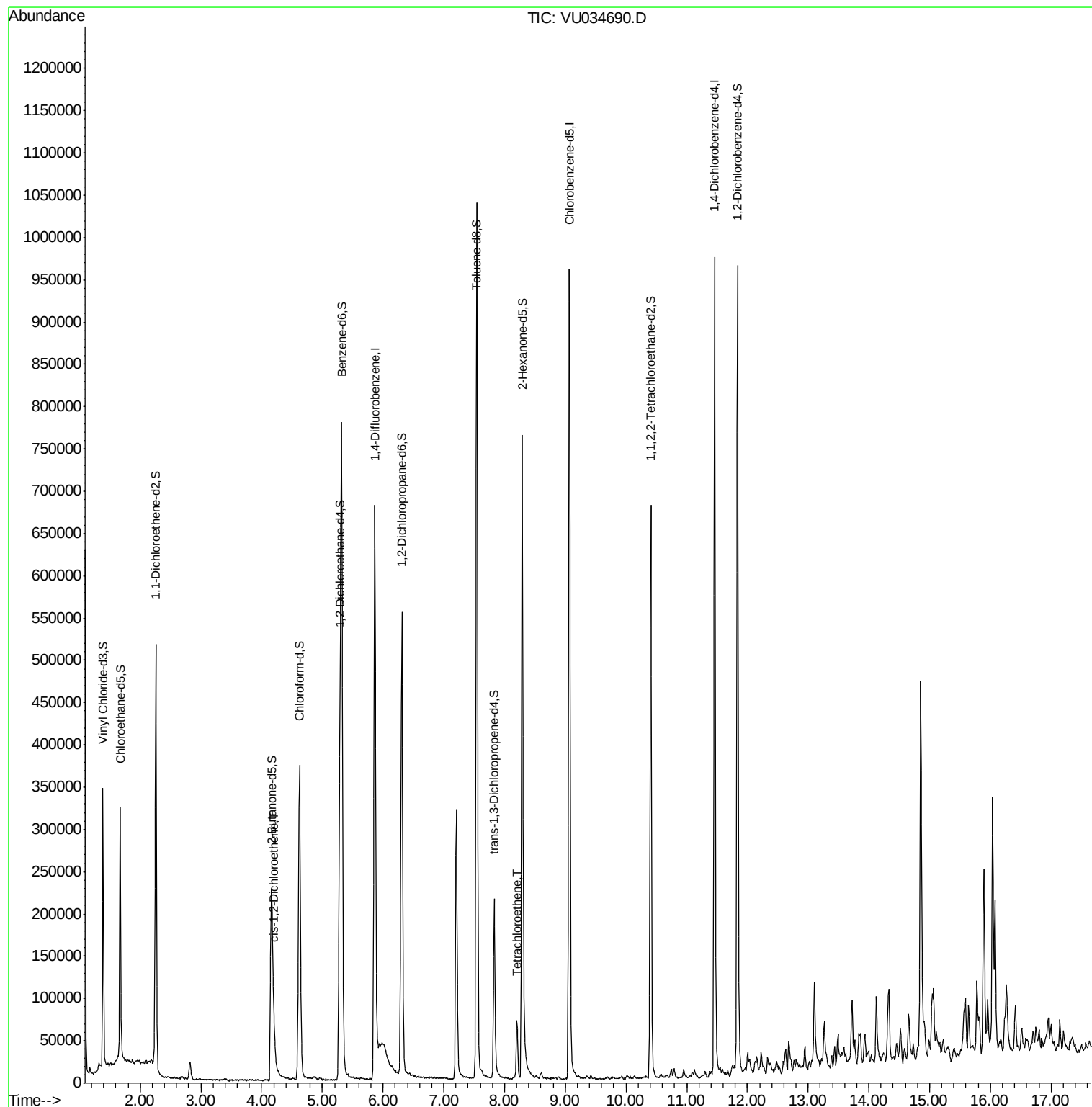
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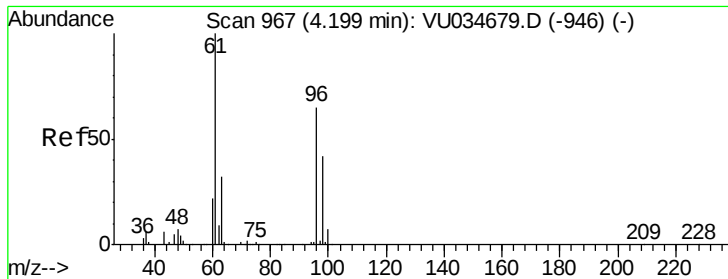
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#20

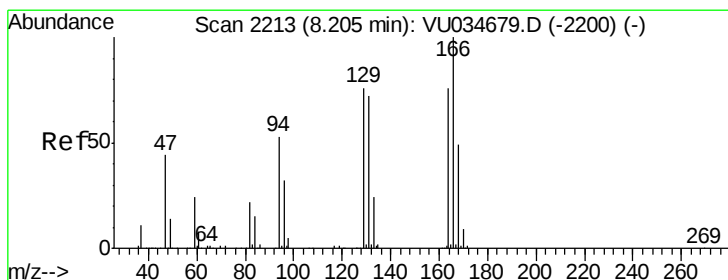
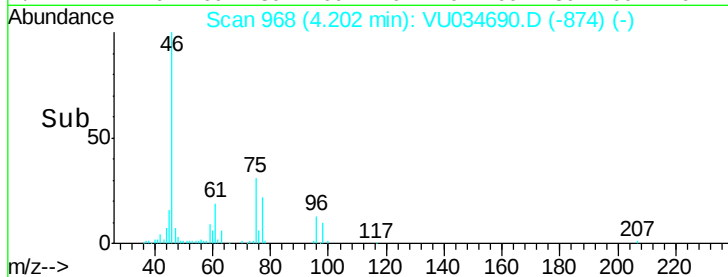
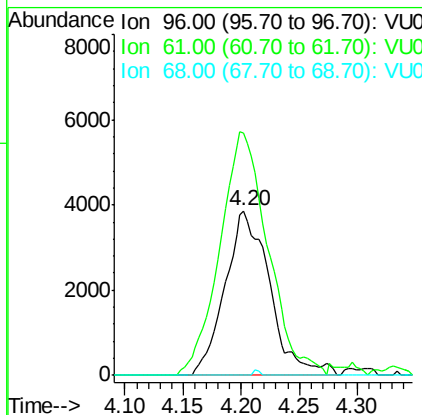
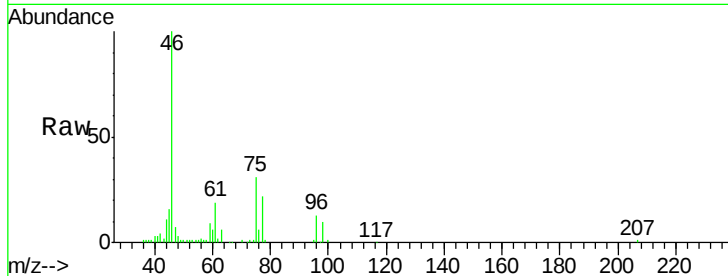
cis-1,2-Dichloroethene
Concen: 2.457 ug/L m
RT: 4.20 min Scan# 968
Delta R.T. 0.00 min
Lab File: VU034690.D
Acq: 20 Sep 2019 15:45

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.6	108.8	202.2
68	0.0	0.0	0.0

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#46

Tetrachloroethene
Concen: 4.743 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VU034690.D
Acq: 20 Sep 2019 15:45

Tgt Ion	Ratio	Lower	Upper
164	100		
129	108.3	71.9	133.5
131	102.1	66.3	123.1
166	135.1	93.4	173.6

