

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051119\
 Data File : VU031929.D
 Acq On : 11 May 2019 14:26
 Operator : JC/SP
 Sample : VIBLK40
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK40

Manual Integrations
 APPROVED

MMDadoda
 5/13/2019 1:02:29 PM

Quant Time: May 13 04:52:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 13 01:54:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1000146	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1029680	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	384299	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	378402	45.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.42%
7) Chloroethane-d5	1.67	69	328784	50.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.66%
11) 1,1-Dichloroethene-d2	2.27	63	539442	32.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.72%
21) 2-Butanone-d5	4.17	46	662041	87.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.29%
24) Chloroform-d	4.64	84	683673m	44.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.31	65	455523	45.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.96%
32) Benzene-d6	5.33	84	1413856	44.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.44%
36) 1,2-Dichloropropane-d6	6.32	67	483071	43.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.86%
41) Toluene-d8	7.56	98	1222632	44.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	7.85	79	193624	40.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.10%
47) 2-Hexanone-d5	8.31	63	423495	87.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.96%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	678479	45.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.90%
64) 1,2-Dichlorobenzene-d4	11.85	152	398785	49.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.68%

Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.22	96	5359m	0.614	ug/L
34) Trichloroethene	6.19	95	5424	0.591	ug/L # 76

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

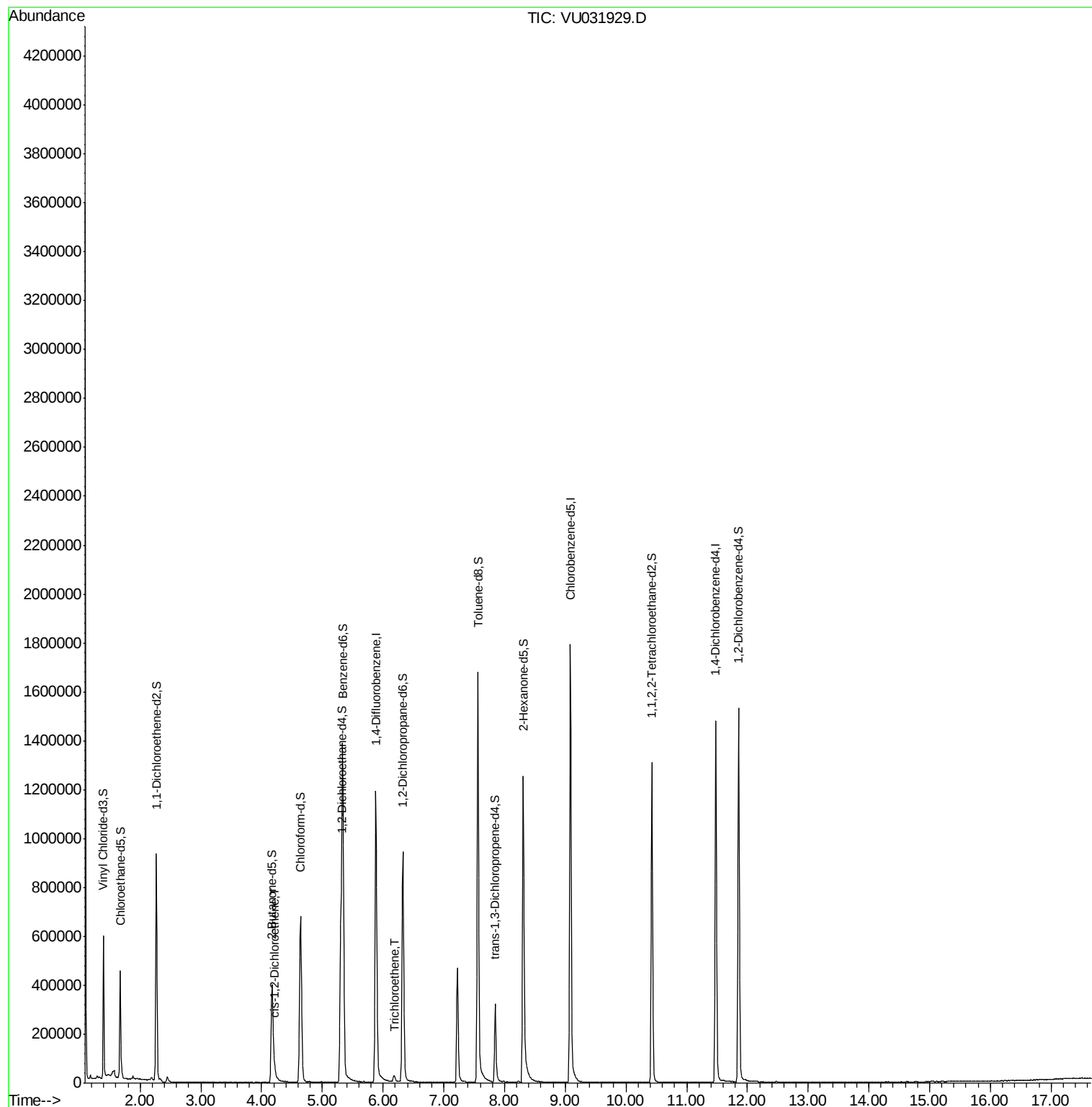
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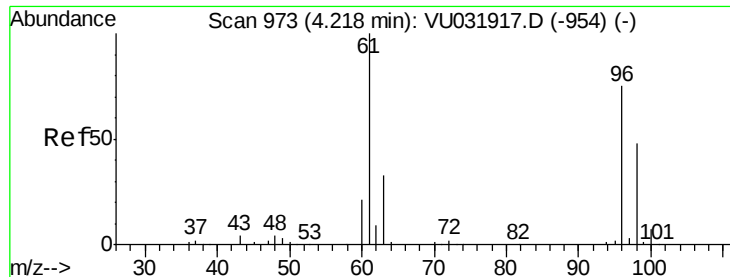
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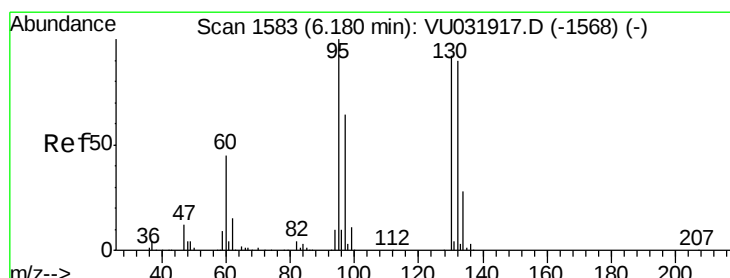
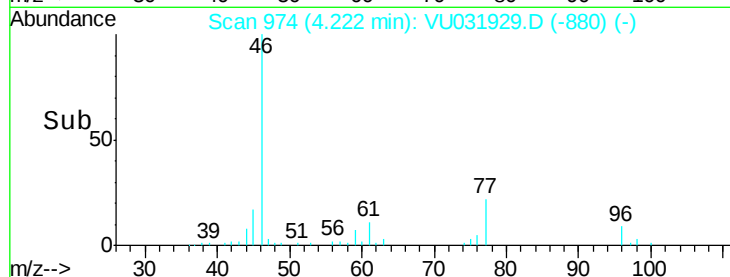
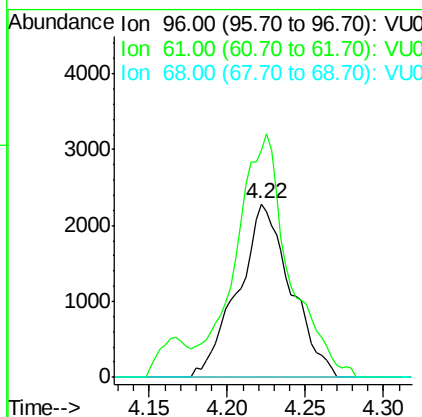
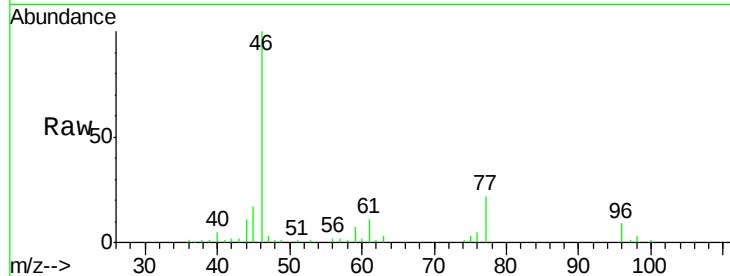
#20
cis-1,2-Dichloroethene
Concen: 0.614 ug/L m
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU031929.D
Acq: 11 May 2019 14:26

Instrument :
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VIBLK40

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.2	99.5	184.7
68	0.0	0.0	0.0

Manual Integrations
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#34
Trichloroethene
Concen: 0.591 ug/L
RT: 6.19 min Scan# 1585
Delta R.T. 0.01 min
Lab File: VU031929.D
Acq: 11 May 2019 14:26

Tgt Ion	Ratio	Lower	Upper
95	100		
97	41.3	44.8	83.2#
132	71.7	63.1	117.1
130	69.9	66.5	123.5

