

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032719\
 Data File : VU030506.D
 Acq On : 28 Mar 2019 00:14
 Operator : JC/SP
 Sample : K2128-10 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1A5

Manual Integrations
 APPROVED

MMDadoda
 3/28/2019 11:00:47 AM

Quant Time: Mar 28 04:58:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 28 02:45:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	405329	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	380336	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	150314	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	148419	45.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.00%
7) Chloroethane-d5	1.68	69	117547	45.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.92%
11) 1,1-Dichloroethene-d2	2.27	63	212250	34.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.60%
21) 2-Butanone-d5	4.18	46	262148	85.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.49%
24) Chloroform-d	4.65	84	249736	44.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.86%
26) 1,2-Dichloroethane-d4	5.31	65	170033	46.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.46%
32) Benzene-d6	5.34	84	510325	46.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.58%
36) 1,2-Dichloropropane-d6	6.33	67	179037	47.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.96%
41) Toluene-d8	7.56	98	437284	44.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.28%
43) trans-1,3-Dichloropropene-	7.85	79	77004	43.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.76%
47) 2-Hexanone-d5	8.31	63	163177	80.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.69%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	233191	43.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.34%
64) 1,2-Dichlorobenzene-d4	11.86	152	142493	47.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.62%

Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.22	96	6804m	1.994 ug/L	
34) Trichloroethene	6.19	95	8458	2.657 ug/L	95

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

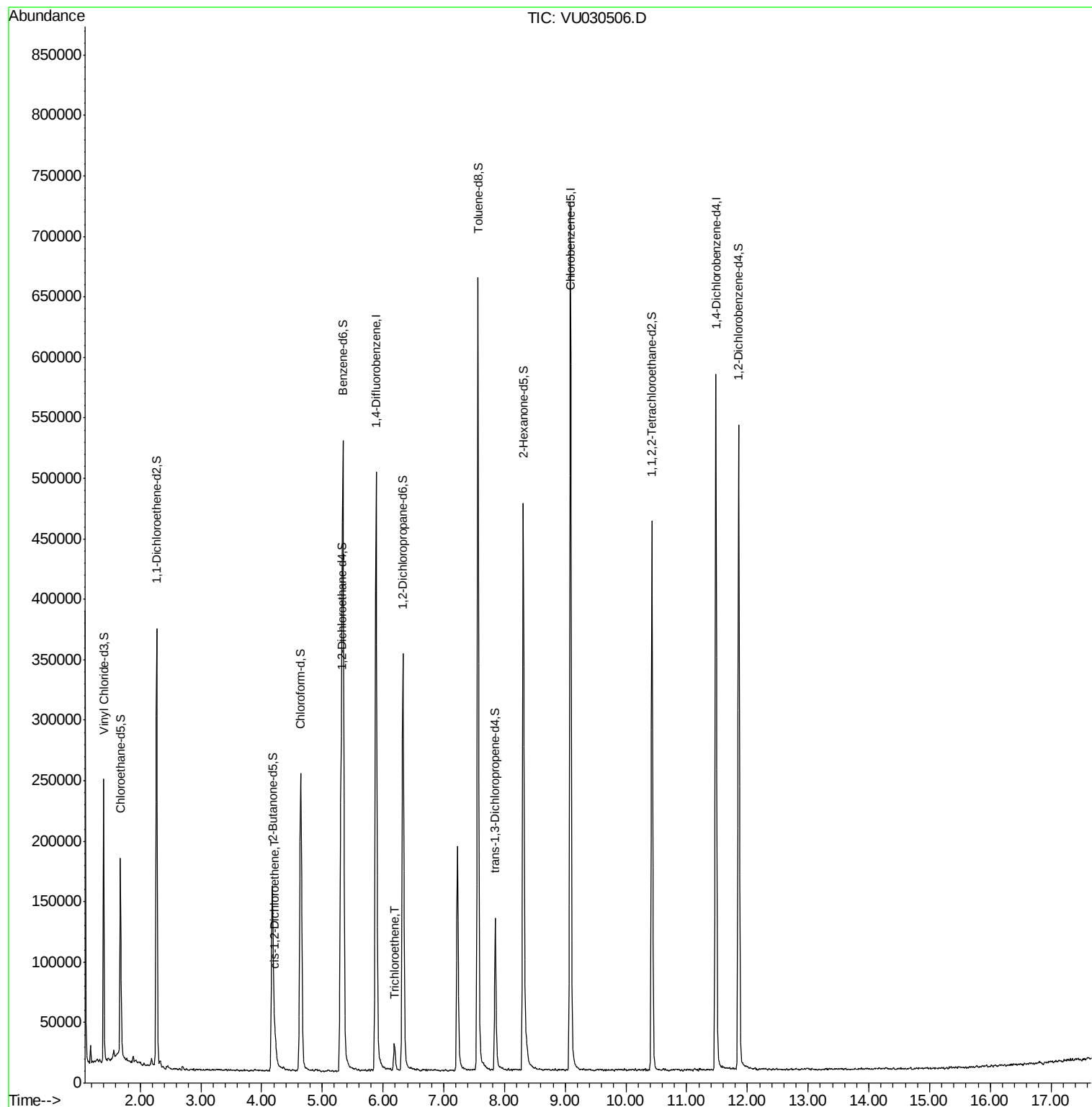
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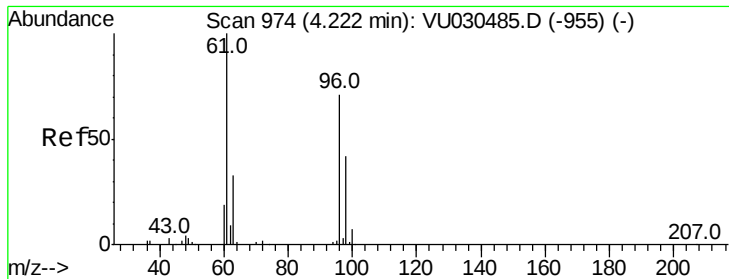
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#20

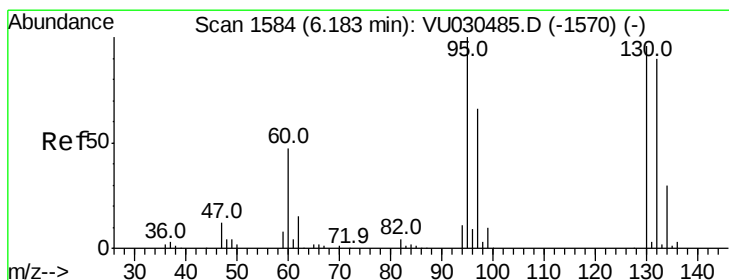
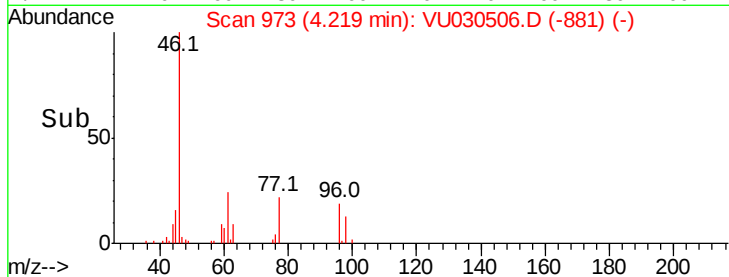
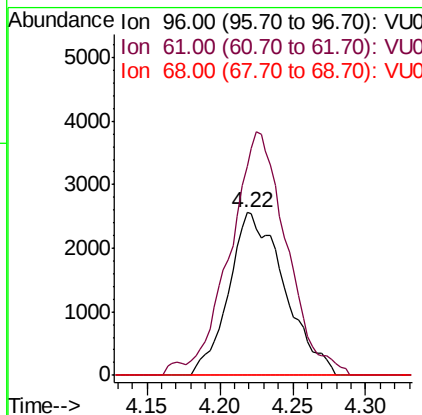
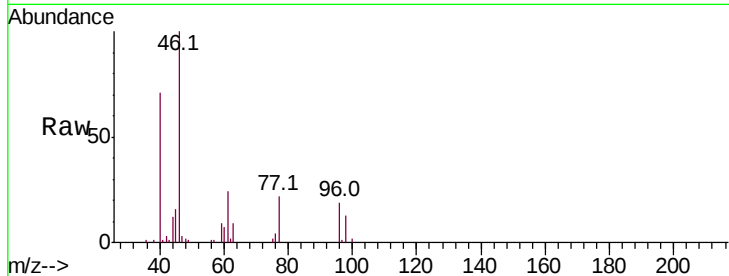
cis-1,2-Dichloroethene
Concen: 1.994 ug/L m
RT: 4.22 min Scan# 973
Delta R.T. -0.00 min
Lab File: VU030506.D
Acq: 28 Mar 2019 00:14

Instrument :
MSVOA_U
ClientSampled :
BF1A5

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.8	98.4	182.8
68	0.0	0.0	0.0

Manual Integrations
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#34

Trichloroethene
Concen: 2.657 ug/L
RT: 6.19 min Scan# 1585
Delta R.T. 0.00 min
Lab File: VU030506.D
Acq: 28 Mar 2019 00:14

Tgt Ion	Ratio	Lower	Upper
95	100		
97	68.0	45.7	84.9
132	90.0	63.8	118.4
130	85.0	65.7	121.9

