

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040619\
 Data File : VU030764.D
 Acq On : 06 Apr 2019 00:17
 Operator : JC/SP
 Sample : K2260-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETJ57

Manual Integrations
 APPROVED

MMDadoda
 4/6/2019 10:32:57 AM

Quant Time: Apr 06 07:21:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 02:16:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	426833	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	424781	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	170919	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	197898	51.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.88%
7) Chloroethane-d5	1.68	69	159416	55.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.26%
11) 1,1-Dichloroethene-d2	2.27	63	272040m	39.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.94%
21) 2-Butanone-d5	4.17	46	328222	108.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.69%
24) Chloroform-d	4.64	84	302121	51.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.82%
26) 1,2-Dichloroethane-d4	5.31	65	217826	54.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.70%
32) Benzene-d6	5.34	84	634680	51.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.36%
36) 1,2-Dichloropropane-d6	6.33	67	223424	52.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.14%
41) Toluene-d8	7.56	98	538937	49.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.06%
43) trans-1,3-Dichloropropene-	7.85	79	90007	46.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.90%
47) 2-Hexanone-d5	8.31	63	182578	94.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.00%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	298540	52.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.16%
64) 1,2-Dichlorobenzene-d4	11.86	152	179827	53.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
17) trans-1,2-Dichloroethene	2.98	96	4688	1.496	ug/L	80
20) cis-1,2-Dichloroethene	4.22	96	305971	88.454	ug/L	96
34) Trichloroethene	6.18	95	341044	100.031	ug/L	99

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

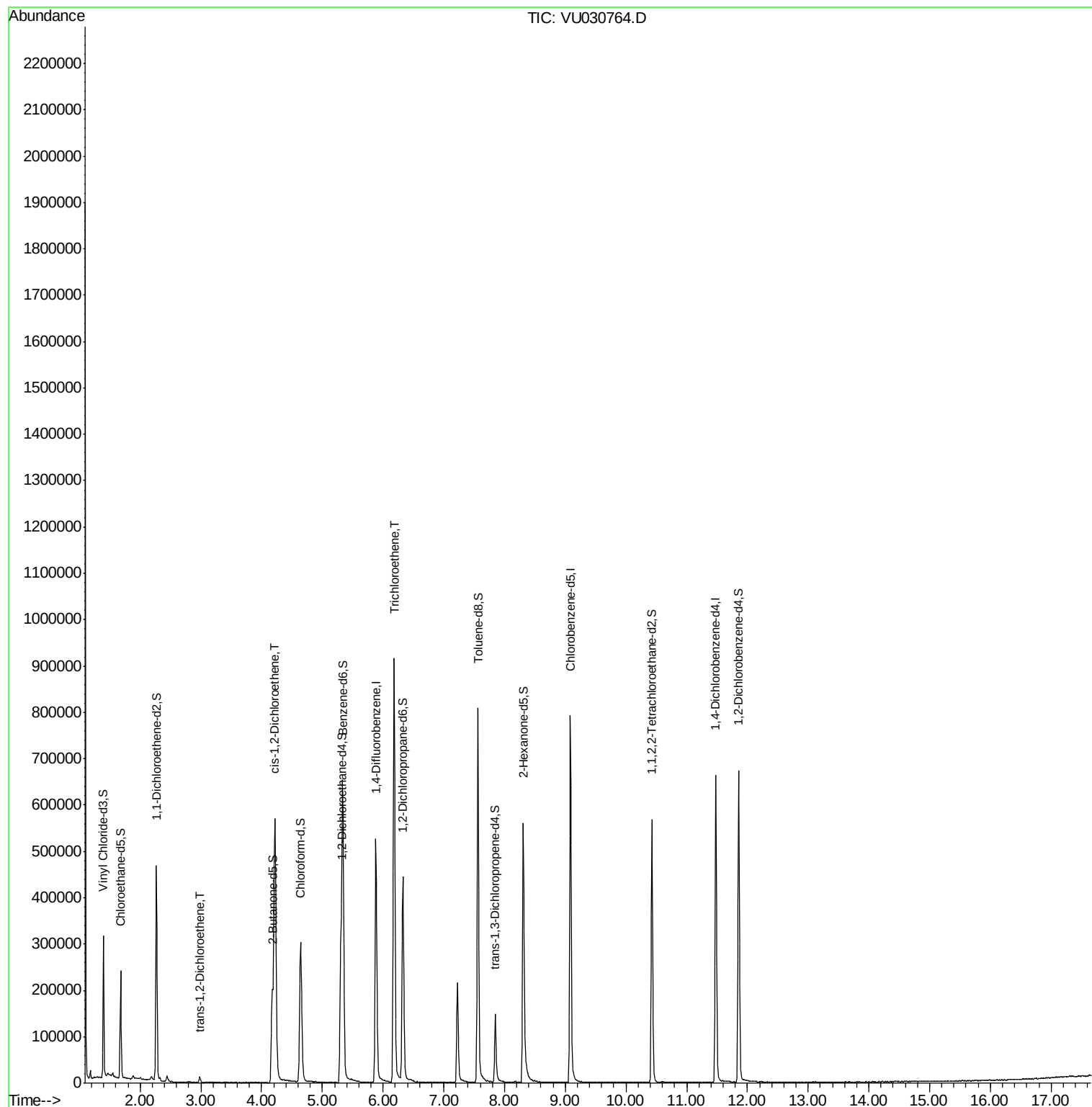
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU040619\
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ALS Vial : 20 Sample Multiplier: 1

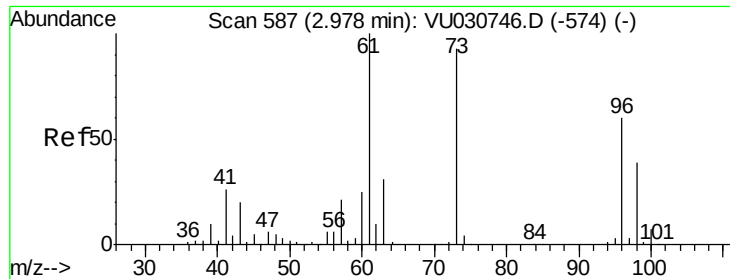
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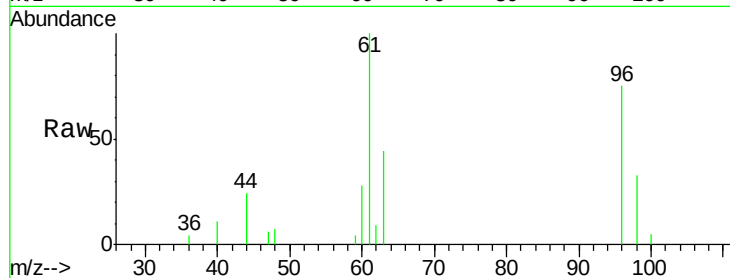
#17
trans-1,2-Dichloroethene
Concen: 1.496 ug/L
RT: 2.98 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU030764.D
Acq: 06 Apr 2019 00:17

Instrument :
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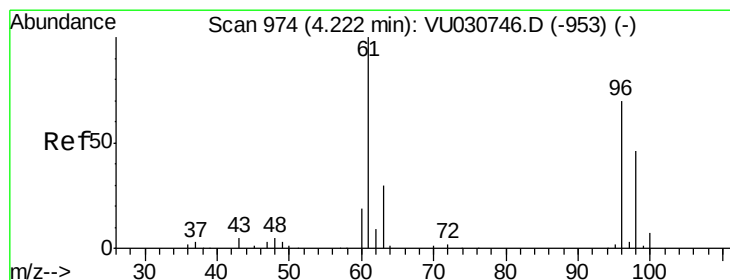
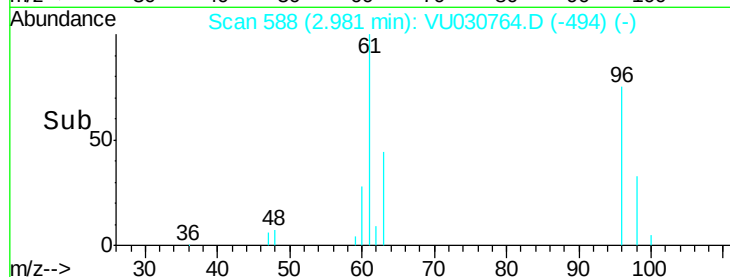
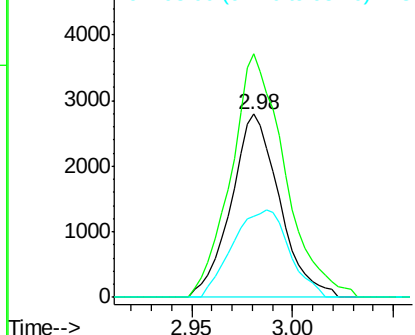
Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		4688		
61	132.9	109.5	203.3		
98	44.2	44.0	81.6		

Manual Integrations
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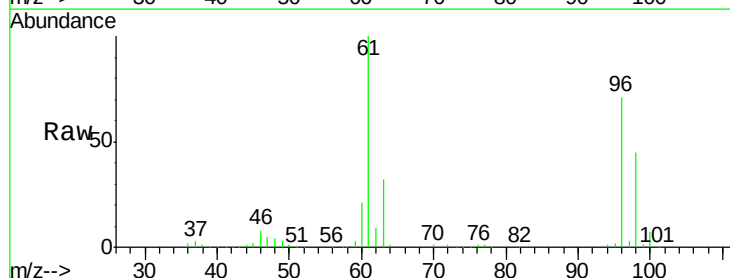


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

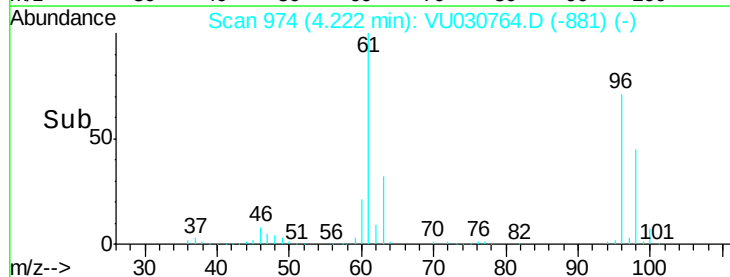
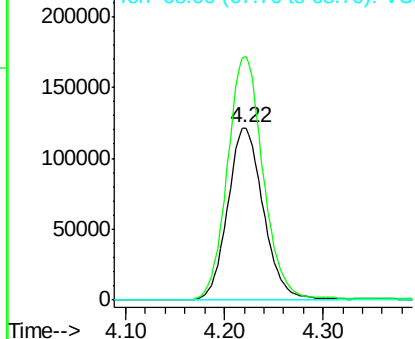


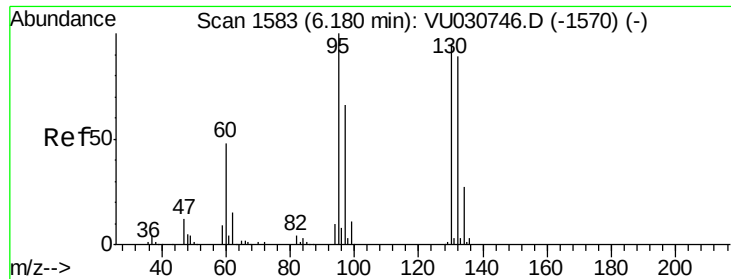
#20
cis-1,2-Dichloroethene
Concen: 88.454 ug/L
RT: 4.22 min Scan# 974
Delta R.T. -0.00 min
Lab File: VU030764.D
Acq: 06 Apr 2019 00:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	100		305971		
61	141.5	102.9	191.1		
68	0.0	0.0	0.0		



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0





#34
 Trichloroethene
 Concen: 100.031 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU030764.D
 Acq: 06 Apr 2019 00:17

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100		341044		
97	62.2	44.5	82.7		
132	88.5	61.5	114.1		
130	92.8	64.9	120.5		

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