

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080619\
 Data File : VU033606.D
 Acq On : 06 Aug 2019 14:14
 Operator : JC/SP
 Sample : K4187-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB9G7

Quant Time: Aug 07 05:47:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 07 05:27:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	312845	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	307470	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	142716	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	106030	53.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.06%
7) Chloroethane-d5	1.67	69	94856	42.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.14%
11) 1,1-Dichloroethene-d2	2.26	63	147445	38.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.16%
21) 2-Butanone-d5	4.15	46	183234	113.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.13%
24) Chloroform-d	4.62	84	194351	51.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.14%
26) 1,2-Dichloroethane-d4	5.29	65	127452	53.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.20%
32) Benzene-d6	5.32	84	374513	49.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.62%
36) 1,2-Dichloropropane-d6	6.31	67	126826	52.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.40%
41) Toluene-d8	7.55	98	317831	45.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.84%
43) trans-1,3-Dichloropropene-	7.83	79	56657	47.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.66%
47) 2-Hexanone-d5	8.30	63	131870	112.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.04%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	202021	54.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.70%
64) 1,2-Dichlorobenzene-d4	11.85	152	137734	53.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.48%

Target Compounds

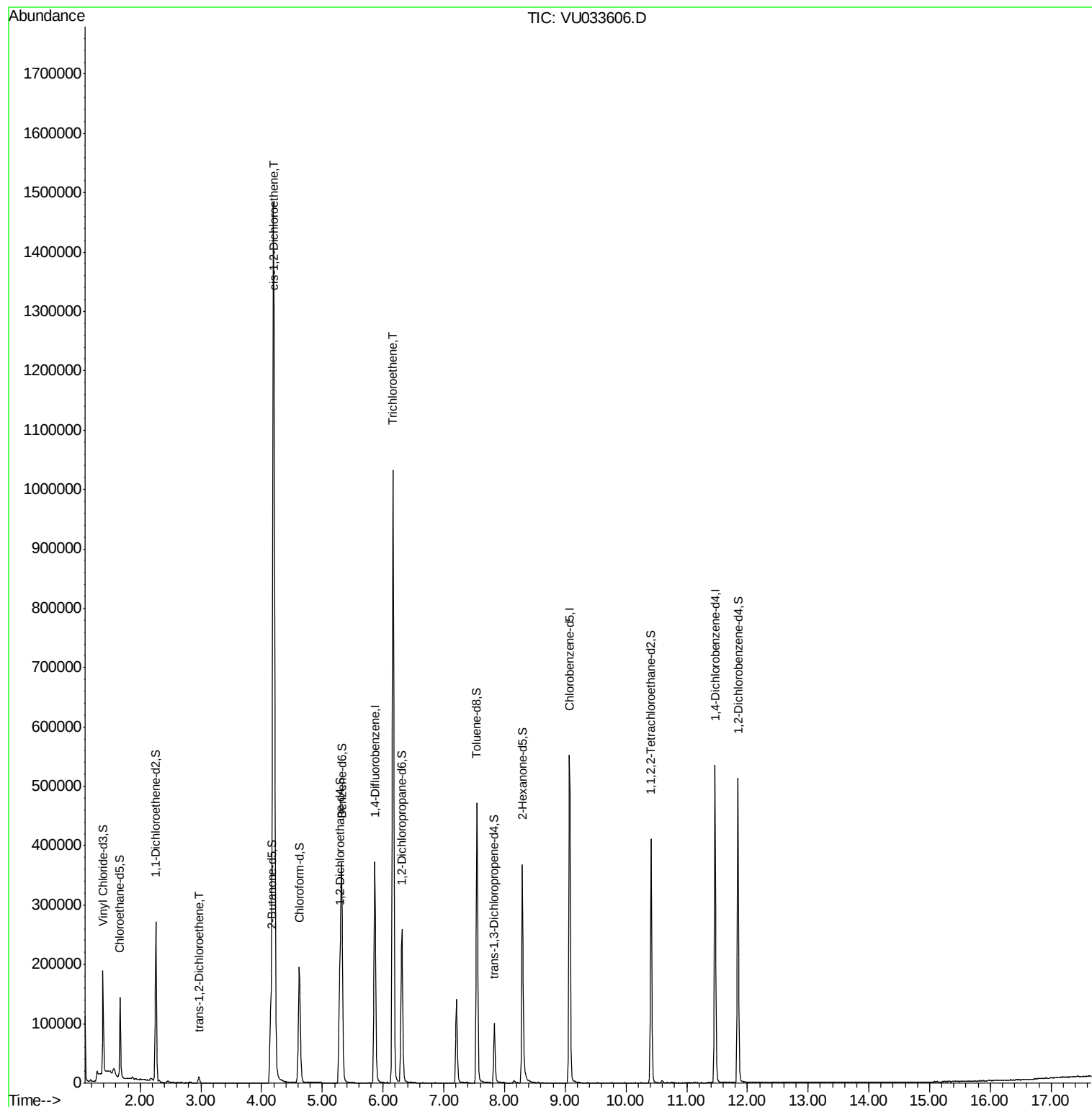
					Ovalue
17) trans-1,2-Dichloroethene	2.97	96	4168	1.912 ug/L	95
20) cis-1,2-Dichloroethene	4.20	96	838926	348.907 ug/L	98
34) Trichloroethene	6.16	95	355711	150.883 ug/L	98

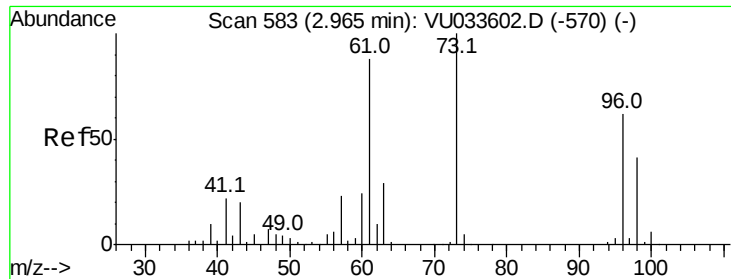
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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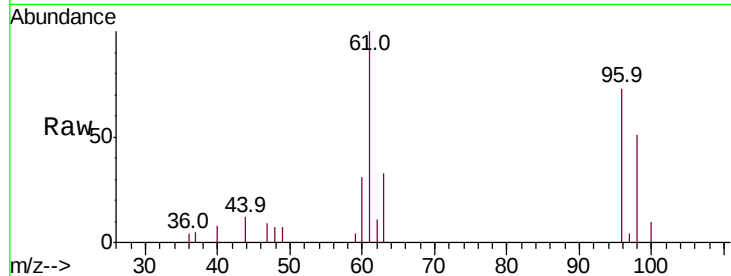




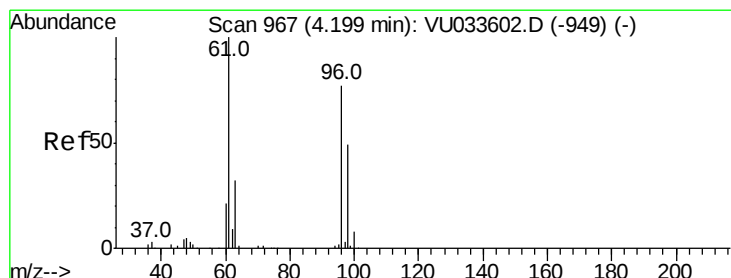
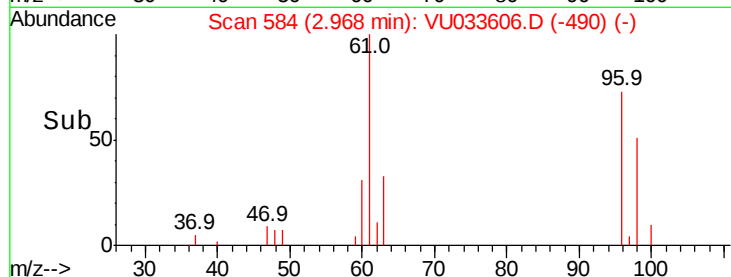
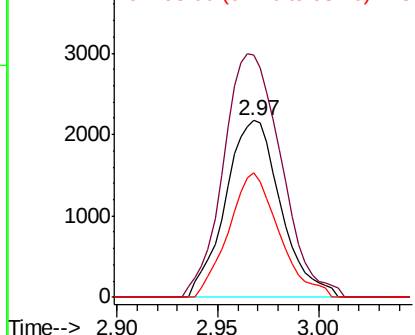
#17
trans-1,2-Dichloroethene
Concen: 1.912 ug/L
RT: 2.97 min Scan# 584
Delta R.T. 0.00 min
Lab File: VU033606.D
Acq: 06 Aug 2019 14:14

Instrument :
MSVOA_U
ClientSampleId :
DB9G7

Tot Ion: 96 Resp: 4168
Ion Ratio Lower Upper
96 100
61 137.1 98.8 183.4
98 70.4 44.9 83.5

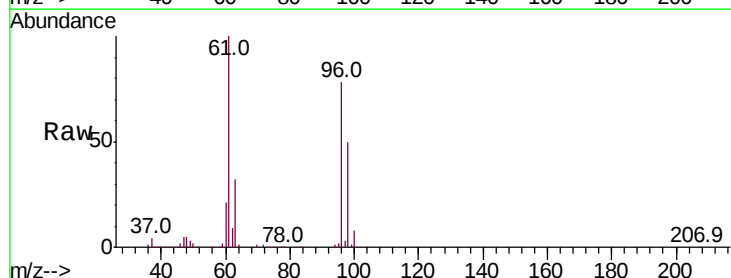


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

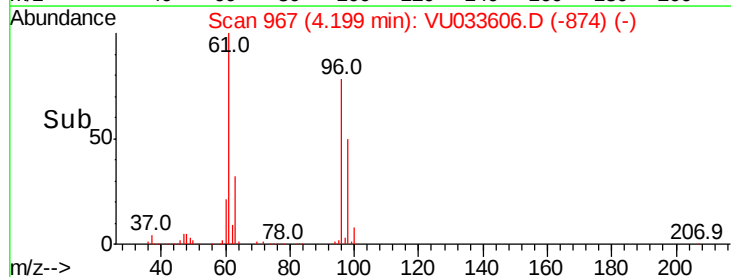
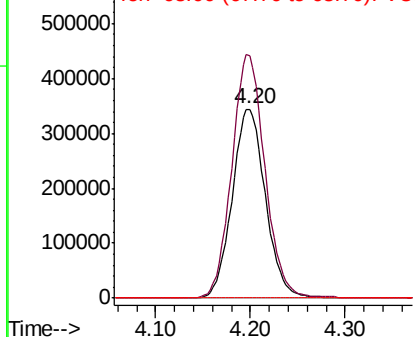


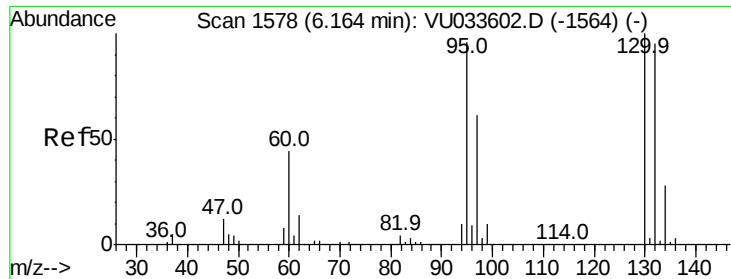
#20
cis-1,2-Dichloroethene
Concen: 348.907 ug/L
RT: 4.20 min Scan# 967
Delta R.T. 0.00 min
Lab File: VU033606.D
Acq: 06 Aug 2019 14:14

Tgt Ion: 96 Resp: 838926
Ion Ratio Lower Upper
96 100
61 128.2 88.2 163.8
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

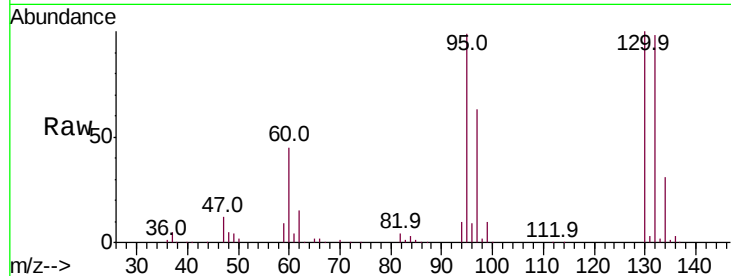




#34
 Trichloroethene
 Concen: 150.883 ug/L
 RT: 6.16 min Scan# 1578
 Delta R.T. 0.00 min
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Tot Ion:	95	Resp:	355711
Ion	Ratio	Lower	Upper
95	100		
97	64.1	43.8	81.4
132	98.8	68.6	127.4
130	101.1	72.2	134.2



Abundance

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

