

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080619\
 Data File : VU033605.D
 Acq On : 06 Aug 2019 13:51
 Operator : JC/SP
 Sample : K4187-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB9G6

Quant Time: Aug 07 05:43:22 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	317301	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	312477	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	141832	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	104636	51.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.20%
7) Chloroethane-d5	1.67	69	95882	42.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.84%
11) 1,1-Dichloroethene-d2	2.26	63	141770	36.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.20%
21) 2-Butanone-d5	4.15	46	184770	112.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.47%
24) Chloroform-d	4.62	84	193375	50.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.29	65	127870	52.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.06%
32) Benzene-d6	5.32	84	375534	49.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.28%
36) 1,2-Dichloropropane-d6	6.31	67	127792	52.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.50%
41) Toluene-d8	7.55	98	321841	45.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.52%
43) trans-1,3-Dichloropropene-	7.83	79	56912	46.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.56%
47) 2-Hexanone-d5	8.29	63	127150	106.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.30%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	202255	54.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.06%
64) 1,2-Dichlorobenzene-d4	11.85	152	137602	54.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.04%

Target Compounds

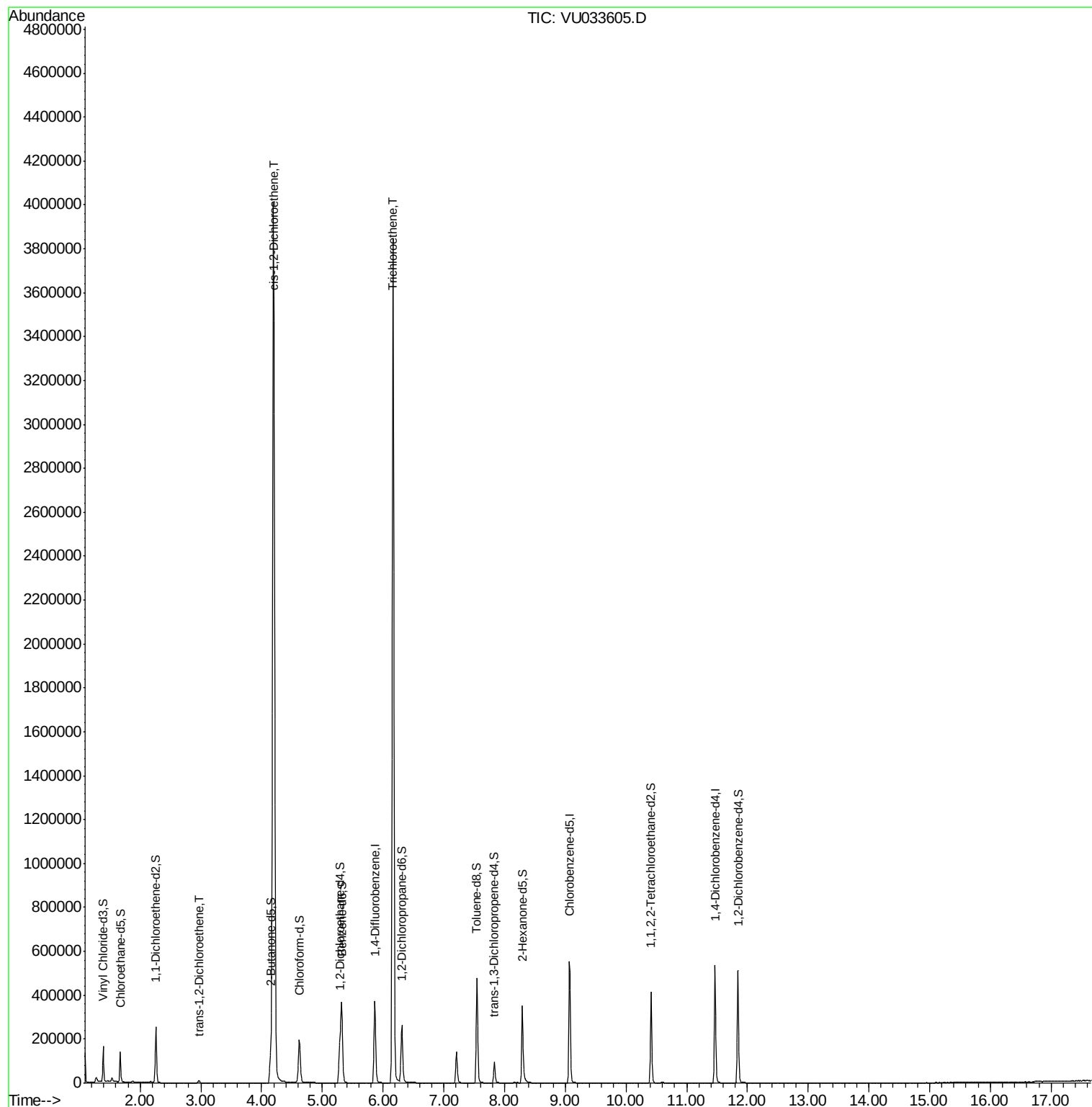
					Ovalue
17) trans-1,2-Dichloroethene	2.96	96	4542	2.054 ug/L	96
20) cis-1,2-Dichloroethene	4.20	96	2243236	919.855 ug/L	97
34) Trichloroethene	6.16	95	1297036	541.350 ug/L	97

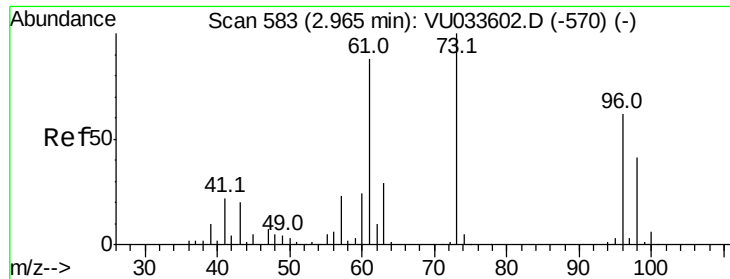
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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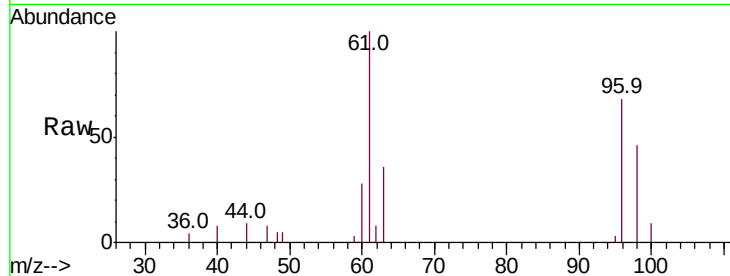




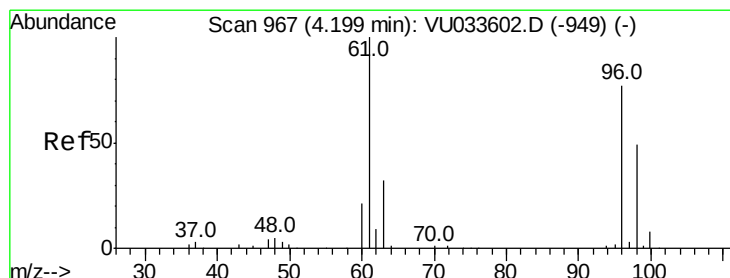
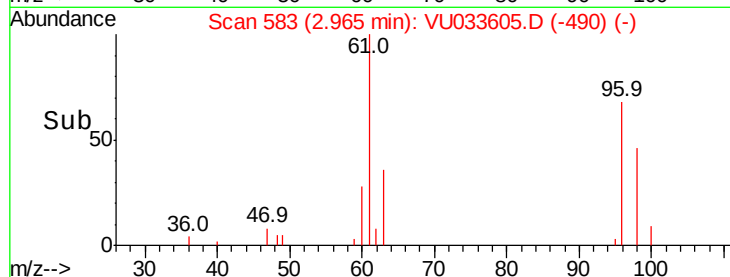
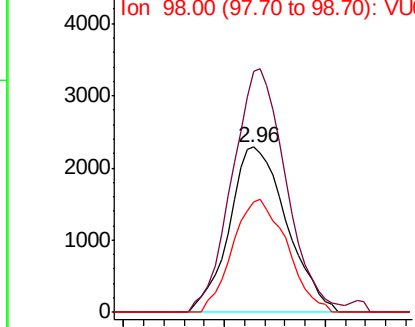
#17
trans-1,2-Dichloroethene
Concen: 2.054 ug/L
RT: 2.96 min Scan# 583
Delta R.T. -0.00 min
Lab File: VU033605.D
Acq: 06 Aug 2019 13:51

Instrument :
MSVOA_U
ClientSampleId :
DB9G6

Tot Ion: 96 Resp: 4542
Ion Ratio Lower Upper
96 100
61 146.1 98.8 183.4
98 67.0 44.9 83.5

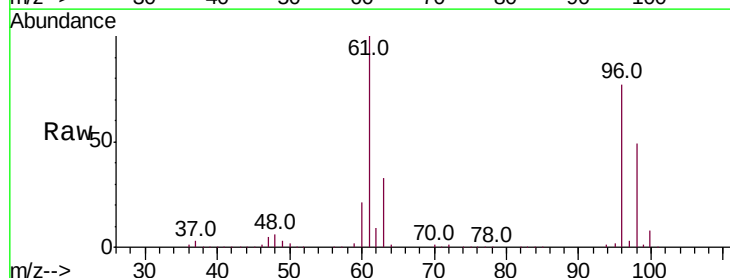


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

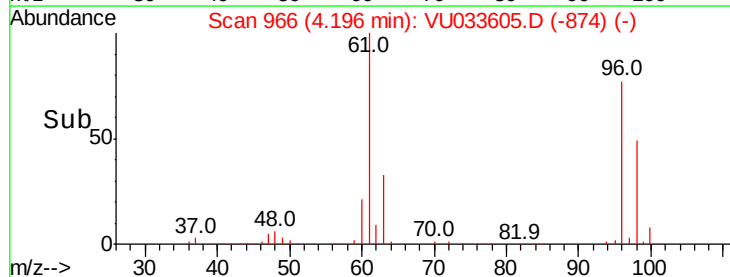
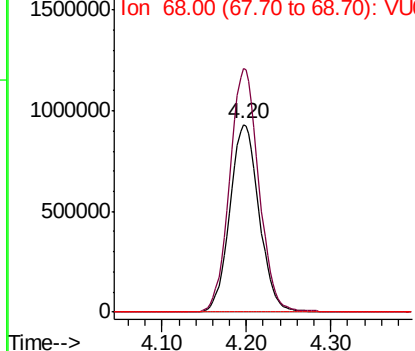


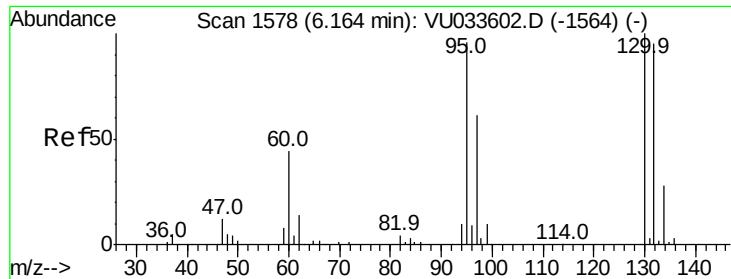
#20
cis-1,2-Dichloroethene
Concen: 919.855 ug/L
RT: 4.20 min Scan# 966
Delta R.T. -0.00 min
Lab File: VU033605.D
Acq: 06 Aug 2019 13:51

Tgt Ion: 96 Resp: 2243236
Ion Ratio Lower Upper
96 100
61 129.9 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: 541.350 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VU033605.D

Acq: 06 Aug 2019 13:51

Instrument :

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Tot Ion: 95 Resp: 1297036

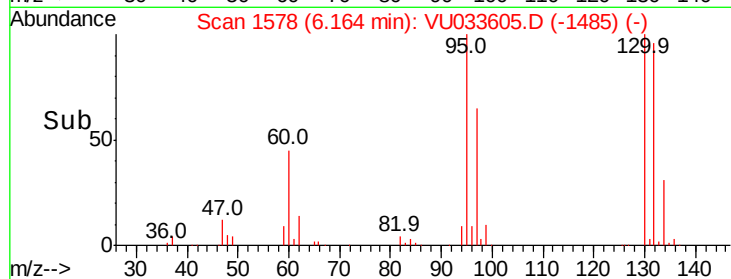
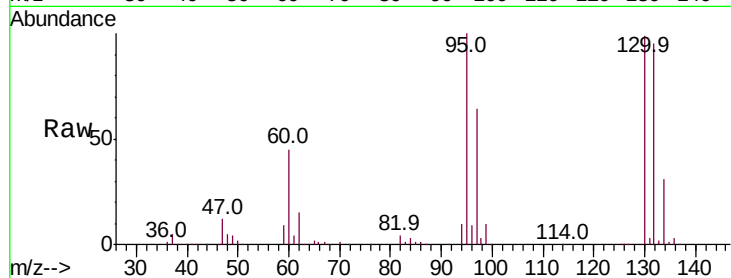
Ion Ratio Lower Upper

95 100

97 64.2 43.8 81.4

132 95.2 68.6 127.4

130 99.4 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

