

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080919\
 Data File : VU033706.D
 Acq On : 10 Aug 2019 00:25
 Operator : JC/SP
 Sample : K4202-19
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B49

Quant Time: Aug 12 03:20:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 10 04:26:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	362259	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	349692	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	173751	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	129748	48.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.30%
7) Chloroethane-d5	1.67	69	123756	46.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.26	63	170460	38.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.04%
21) 2-Butanone-d5	4.16	46	263036	159.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	159.11%#
24) Chloroform-d	4.62	84	243643	61.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	123.00%
26) 1,2-Dichloroethane-d4	5.29	65	161877	65.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	130.68%#
32) Benzene-d6	5.32	84	492870	59.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.44%
36) 1,2-Dichloropropane-d6	6.31	67	163495	64.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	129.12%#
41) Toluene-d8	7.55	98	437107	56.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.62%
43) trans-1,3-Dichloropropene-	7.83	79	73946	57.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	115.64%
47) 2-Hexanone-d5	8.29	63	195685	149.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	149.17%#
57) 1,1,2,2-Tetrachloroethane-	10.41	84	253334	67.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	135.24%#
64) 1,2-Dichlorobenzene-d4	11.84	152	191433	65.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	130.92%#

Target Compounds

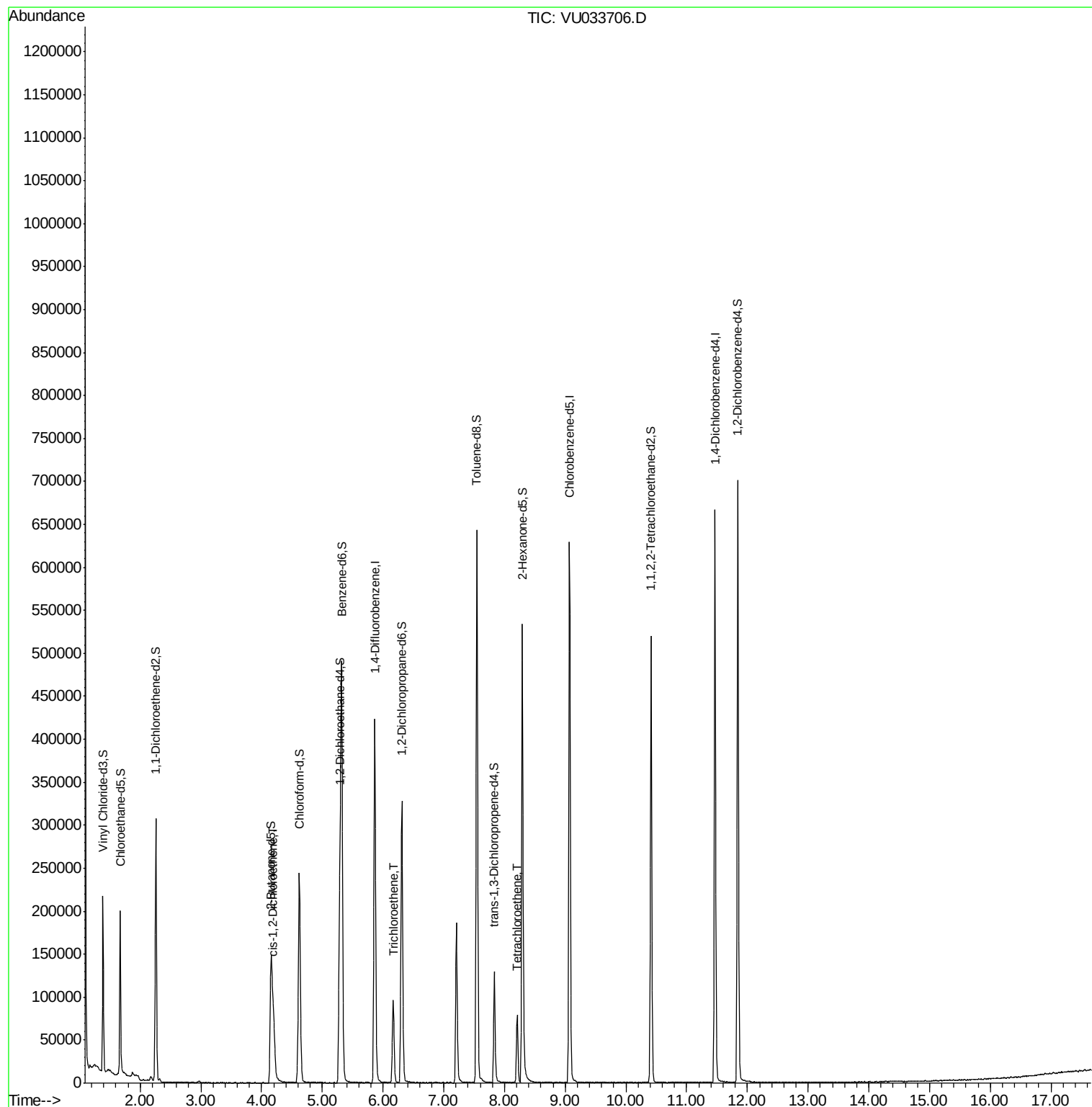
					Qvalue
20) cis-1,2-Dichloroethene	4.20	96	32555	12.501 ug/L	96
34) Trichloroethene	6.17	95	33401	13.008 ug/L	97
46) Tetrachloroethene	8.21	164	17769	8.395 ug/L	96

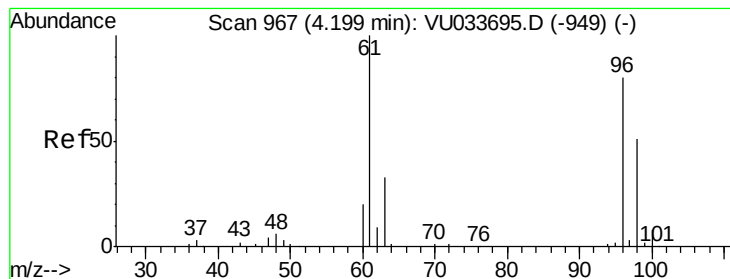
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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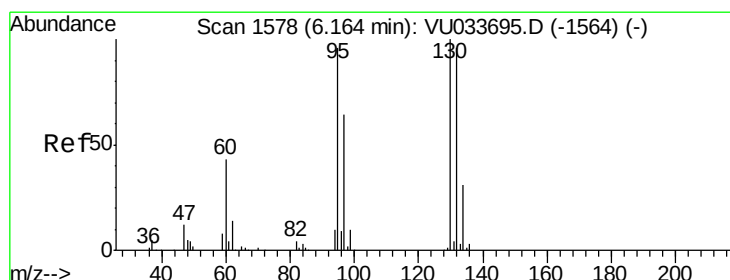
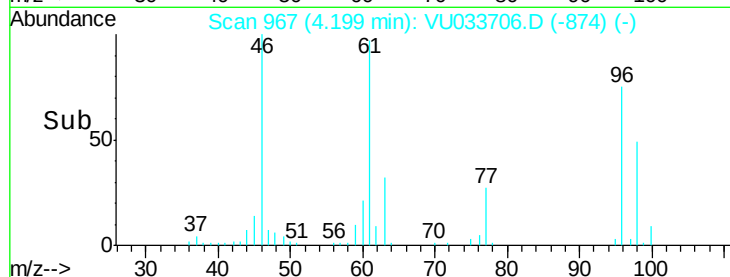
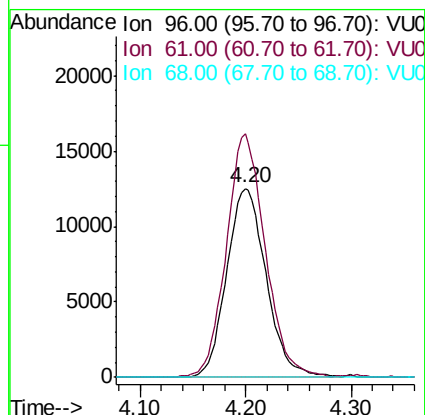
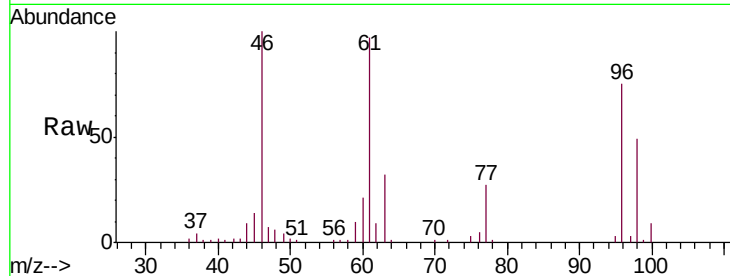


#20

cis-1,2-Dichloroethene
 Concen: 12.501 ug/L
 RT: 4.20 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VU033706.D
 Acq: 10 Aug 2019 00:25

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B49

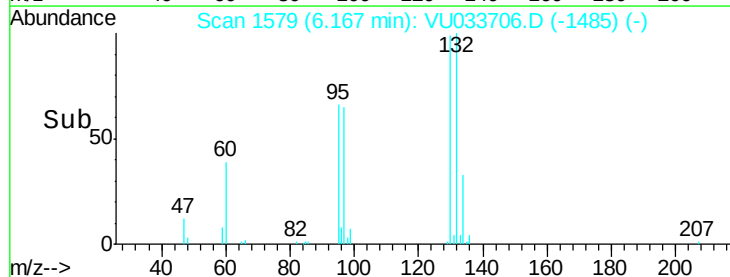
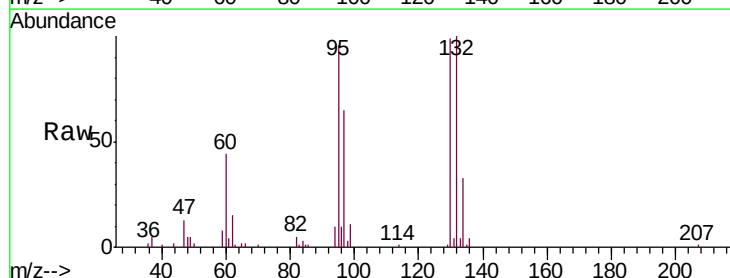
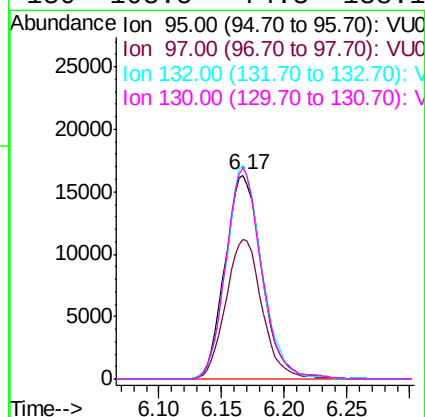
Tgt Ion: 96 Resp: 32555
 Ion Ratio Lower Upper
 96 100
 61 128.8 87.0 161.6
 68 0.0 0.0 0.0

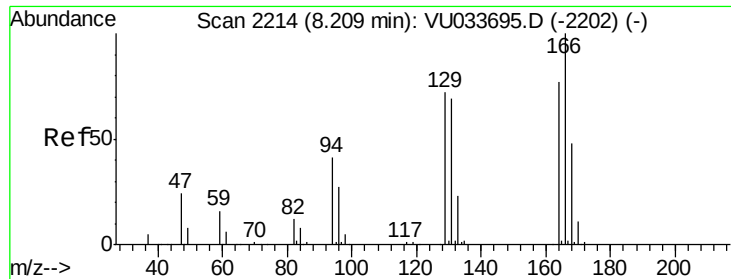


#34

Trichloroethene
 Concen: 13.008 ug/L
 RT: 6.17 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: VU033706.D
 Acq: 10 Aug 2019 00:25

Tgt Ion: 95 Resp: 33401
 Ion Ratio Lower Upper
 95 100
 97 68.5 45.6 84.8
 132 104.7 72.0 133.8
 130 103.5 74.3 138.1





#46

Tetrachloroethene

Concen: 8.395 ug/L

RT: 8.21 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VU033706.D

Acq: 10 Aug 2019 00:25

Instrument :

MSVOA_U

ClientSampleId :

F2B49

Tgt Ion:164 Resp: 17769

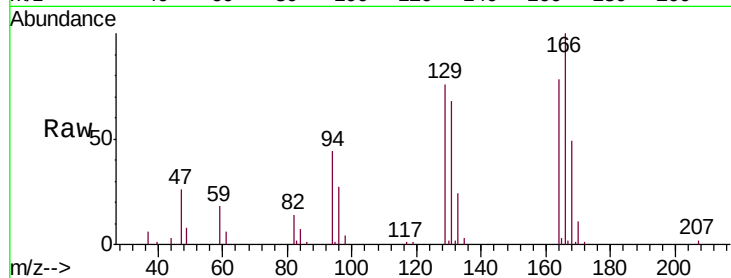
Ion Ratio Lower Upper

164 100

129 97.5 65.5 121.7

131 87.2 63.6 118.0

166 127.6 92.7 172.3



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

